

The 299<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 07 December, 2017 under the Chairmanship of Mohd. Kasam Khan 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. Shri Prasant Srivastava, Member.
5. Dr. R. Maheshwari, Member.
6. Shri. A. A. Mishra, Secretary.

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

1. **Case No. - 5496/2017 Shri Shardul Shah, Director India Waste Management Pvt. Ltd, 30, MLA Quarters, Bhadbhada Road, T.T. Nagar, Bhopal, (M.P) – 462003 Prior Environment Clearance for Common Bio Medical Waste Treatment Facility at Plot No. E3, Industrial Area No. –II, Mandideep, Tehsil - Goharganj, Distt.- Raisen, (M.P.) Cat. 7 (da) Common Hazardous Waste Treatment Storage and disposal facilities (TSDFs) (EIA Consultant: M/s Gaurang Environmental Solutions Pvt. Ltd., Jaipur)**

The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category “B” Projects of activity 7 (da) as per EIA Notification dated 14th September, 2006 and its subsequent amendments dated 17th April 2015, under Bio- Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

### **PROJECT DETAILS**

- M/s India Waste Management Pvt. Ltd. is proposing to establish Common Bio-Medical Waste Treatment Facility near Bhopal in district Raisen to provide cleaner and healthier environment.
- The project Incharge is Mr. Shardul Shah (Director).
- The project site is industrial plot having an area of 2.0006 ha. land is on lease by AKVN to M/s India Waste Management Pvt. Ltd.

- Collection, transportation, storage & treatment of Bio Medical Waste as stipulated in Biomedical Waste Management Rules, 2016 and CPCB Guidelines for installation of Common Bio-medical Waste Treatment Facility.

<b>Project Name</b>	<b>Common Bio Medical Waste Treatment Facility (CBWTF)" of M/s India Waste Management Pvt. Ltd.</b>		
<b>Director</b>	<b>Shardhul Shah</b>		
<b>Project Site</b>	<b>E3 – New Industrial Area No. – II, Mandideep, Tehsil - Goharganj; District –Raisen, Madhya Pradesh</b>		
<b>Project Area</b>	<b>20006.669 sq. mt. 2.0004 Ha.</b>		
	<b>Work Shed</b>	<b>4856.04 sq.m.</b>	<b>24.3 %</b>
	<b>Staff Rooms &amp; Open Surface</b>	<b>8548.629 sq.m.</b>	<b>42.7 %</b>
	<b>Green Area</b>	<b>6602 sq.m.</b>	<b>33%</b>
	<b>Total</b>	<b>20006.669 sq.m.</b>	<b>100%</b>
<b>Project Capacity</b>	<b>Particular</b>	<b>Capacity</b>	<b>Nos</b>
	Incinerator	250 kg/hr.	1
	Autoclave	100 kg/hr. (50 Kg/hr Each)	2
	Shredder	200 kg/hr. (100 Kg/hr Each)	2
	Effluent Treatment Plant	200 KLD	1
	Boiler	2000 kg/hr (1000 Kg/hr Each)	2
<b>Green Belt Area</b>	<b>6602 sq. m. (33%)</b>		
<b>Total Project Cost</b>	<b>Rs. 1018.87 Lakhs</b>		
<b>Power Requirement &amp; Source</b>	<b>1000 KVA Source : MPEB (Madhya Pradesh Electricity Board)</b>		

<b>Power backup</b>	<b>DG Set – 500 kVA</b>		
<b>Water Requirement</b>	<b>Total requirement will be ~75 KLD</b>		
	Floor washing, container washing, incineration etc.	72.00 KLD	
	Domestic Use	3.00 KLD	
	<b>Total</b>	<b>75.00 KLD</b>	
<b>Source of Water</b>	AKVN Source		
<b>Effluent Treatment Plant &amp; disposal</b>	200 KLD capacity ETP Sludge: Disposed through Incineration		
<b>Fuel Requirement</b>	432 KL/Annum of Diesel Source: Nearest Petroleum Depot		
<b>Man Power Requirement</b>	25 Persons		
<b>Nearest Railway Station</b>	Mandideep Railway Station ~6.0 km towards NW direction		
<b>Nearest Airport</b>	Bhopal Airport ~ 37.8 km towards NW		
<b>Coordinates</b>	<b>Latitude</b>	<b>Longitude</b>	
	23° 4'47.62" N,	77°32'21.34"E	
<b>Water requirement</b>	<b>Phase – 1</b>	75 KLD per day	(72 KLD for incinerator; 3 KLD for domestic purposes)

	<b>Phase – 2</b>	44 KLD per day	Total – 119 KLD per day
	<b>Phase – 3</b>	33 KLD per day	Total – 152 KLD per day
	<b>Phase – 4</b>	33 KLD per day	Total – 185 KLD per day
	<b>Phase – 5</b>	75 KLD per day	Total – 260 KLD per day

The Case was earlier discussed in 287<sup>th</sup> SEAC meeting dated 25/02/2017 wherein it was observed from the Google image based on the co-ordinate provided by the PP that a habitation could be seen approx 75 meters away from the location of the facility (SE side). PP and consultant submitted that this habitat is illegal encroachment and site for facility is being selected as per the Biomedical Waste Management Rules, 2016 and “Revised Guidelines for Common Bio-medical Waste Treatment and Disposal Facilities” published by Central Pollution Control Board in December 21, 2016 wherein it is prescribed in location criteria 6(a) that “A CBWTF shall preferably be developed in a notified industrial area without any requirement of buffer zone” and this facility is located in the Mandideep Industrial Area.

After deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA study along with following additional TOR’s:

- a. Considering habitation near to the project site (on the SE side), PP will carry out air modeling selecting suitable software and discuss in EIA report where maximum GLC would occur. PP will also submit the exact distance of nearest habitat (on the SE side) from the all four corners of the project location and justify that this CBWTF will not cause any adverse impact on environment and habitation in the vicinity.
- b. Data collection of EIA should be done under the intimation to the M.P. Pollution Control Board, Bhopal. PP may also use the M. P. Pollution Control Board’s laboratory for monitoring of air, noise water and soil.
- c. One monitoring location should be fixed in the nearby habitation (on the SE side) for monitoring of air, noise water, soil etc.
- d. Considering habitation near to the project site (on the SE side), PP should provide the details of habitations with sensitive features such as no. of houses, no. of residents and details of other structures such as schools, hospitals, source of water supply etc.

- e. Justify in EIA report considering habitation near to the project site (on the SE side) that the proposed technology is “Best Available Technology” of CBWTF and also how unit will remain zero discharge.
- f. Maximum storage time of Bio-medical waste within the facility and disposal plan of autoclaved material should be discussed in the EIA report.
- g. Monitoring of VOC should be added in the proposed monitoring protocol of EIA study.
- h. Inventory of existing trees with their species and numbers on the proposed site, any tree falling anticipated and proposed plantation scheme.
- i. In the EIA report, PP should provide the type of industries existing in the area with the list of MP, AKVN, Bhopal.

This ToR is in respect of Common Bio Medical Waste Treatment Facility (CBWTF) only excluding laundries proposed in same premises in different phases. However, impact of these laundries should be discussed in detail while presenting worst case scenario. The TOR was issued to the PP vide letter no. 180 dated 28/03/2017.

PP has submitted the EIA report vide letter no. 19/06/17 which was forwarded by SEIAA vide letter no. 829 dated 22/06/2017.

The case was discussed in 294<sup>th</sup> SEAC Meeting dated 23/06/2017 wherein PP and their consultant were present. During initial discussions Bhopal based committee members informed Chairman that the EIA report of the project was delivered to them yesterday (i.e. 22/06/2017) by the late evening and thus they could not go through the contents of EIA report. Two members from Indore informed that they have not even received the EIA report and thus unable to offer any comments on it. The committee was of the opinion of that EIA report should be made available to members by PP at least 07 days before the meeting so that during appraisal of the case suitable comments / recommendations can be made. PP present during discussion admits that the EIA report was circulated on 22/06/2017. The committee after deliberations decided that to differ the case for the upcoming SEAC meeting and PP was also instructed to provide a copy of the EIA report to all the members of the committee for further appraisal of the project.

The case was scheduled for the presentation 295<sup>th</sup> SEAC meeting dated 06th November 2017 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. However, PP vide letter dated 03/11/2017 has informed that due to pre occupying activities, they will not be able to present their case in this meeting and requested for its rescheduling in the forthcoming meetings. The committee after deliberations

decided that on request of the PP this case should be scheduled in the upcoming meetings of the SEAC.

PP vide letter dated 10/11/2017 has submitted revised form-1 and revised EIA report in SEIAA and the same was forwarded to SEAC by SEIAA vide letter no 1198/SEIAA/17 dated 21/11/2017.

The case was presented by PP and their consultant wherein during presentation PP informed that their water requirement will be met through MPAKVN. PP further submitted that only segregated waste will be collected by them and for proper segregation they will impart trainings to the waste occupiers and will also provide them color coded bags for waste collection. PP submitted that this will be zero discharge unit. After presentation, PP was asked to submit response on following:

1. Form -1 has been revised and submitted along with revised EIA report, PP should submit the justified reasons and changes accorded in the form-1.
2. Similarly, PP has revised the EIA report and thus PP should submit the justified reasons and changes accorded in the revised EIA report.
3. The values of PM10 & PM2.5 are on higher side thus PP should justify the reasons for higher values around the proposed site and proposal for remedial measures.
4. Stack height is proposed 35 meters for which reason for selection of 35 meter height should be submitted by the PP with its backup calculations. The stack height should be designed considering the CPCB guidelines, background concentrations of the pollutants and there is no impact of stack fall out on the nearby habitation.
5. PP has proposed that this facility will be developed in phases. Thus phase wise land use should be provided.
6. Laundry which is a part of the facility will generate lot of infectious water thus PP should justify its treatment and how zero discharge will be maintained with development of 05 phases of this facility and available land.
7. PP should also provide the justification of proposed incineration facility i.e.500 Kg/hr. Where from this waste will be collected and details of gap analysis studies carried out.
8. PP should also examine and submit proposal for installation of bag filter in the incineration facility.
9. Case specific emergency response plan and backup calculations of modeling data should be submitted.
10. Details about quantities of ash generation from incinerator and boilers with their disposal plan.

11. Detailed drawings and designs of ETP with proposal for MEE and RO as proposed by PP during presentation.
12. Complete details of transportation vehicles wrt their capacity, numbers and waste transportation plan (road map) from source of generation to the facility.
13. Detailed engineering design of proposed facility with component wise layout of the facility should be submitted.
14. PP should provide the compliance wrt to the recent CPCB guidelines for BMW facilities and this proposed facility in such as land, specification of incinerator, monitoring protocol etc.
15. Please refer EIA page no. 128 wherein it is mentioned that two boilers are under operation-please justify?
16. NABL certificate of M/s ECO pro engineers who carried out the monitoring is not submitted.
17. Refer table 4.6 (EIA page 133) HCl has been considered in the calculation of GLC but the same has not been reported by M/s ECO pro engineers in the summary of results (page 08 of 21 to 13 of 21).
18. Considering habitation near to the project site (on the SE side), PP should have provided the details of habitations with sensitive features such as no. of houses, no. of residents and details of other structures such as schools, hospitals, source of water supply etc. as per the additional TOR but same are missing in the EIA report.
19. Monitoring of VOC should have been carried out and reported in the EIA report but the same is not submitted in the EIA report.
20. Detailed plantation scheme with numbers, their species wise distribution and budgetary provisions should be submitted.

**2. Case No. 5241/16 M/s Metal & Minerals, MIG-II-14, Opp. Jain Temple, Housing Board Colony, Katni, and MP. Prior Environment Clearance for Manganese Mine Project in an area of 4.906 ha. (10800 T ha.) at Khasra no.-150/1, Village-Selwa, Tehsil - Katangi, Dist. Balaghat (MP)**

This is case of Manganese Mine Project. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-150/1, Village-Selwa, Tehsil - Katangi, Dist. Balaghat (MP) 4.906 ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was presented by the PP and their consultant in 35<sup>th</sup> SEAC-II meeting dated 03/07/2016 wherein it was recorded that *It being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-*

1. *Compliance of consent conditions of the MP Pollution Control Board should be obtained from concerned Regional Officer.*
2. *As per the Google image a shed is in existence very near to the ML area thus its protection plan be discussed in the EIA report.*
3. *Top soil management plan be discussed in the EIA report.*
4. *Inventory of operating / proposed mines within 2 Km around the said mine should be provided in the EIA report.*
5. *Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.*
6. *Any alternate route avoiding the nearby habitations (if any).*

PP has submitted the EIA report vide letter dated 17/10/2017 which was forwarded by the SEIAA vide letter no. 1066 dated 24/10/2017.

The case was scheduled for the presentation 297<sup>th</sup> SEAC meeting dated 08-11-17 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. PP vide letter dated 07/11/2017 has requested that due to unavoidable circumstances he is not in position to present the case and another opportunity may be given to him. Committee after deliberations 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 again 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. However, PP vide letter dated 06/12/2017 has informed that due to health issue their case may be reschedule in the next SEAC meeting. The committee after deliberations decided that on above request this case should be scheduled in the upcoming meetings of the SEAC for which a request has to be made by the PP.

3. **Case No. – 1698/2013 - Shri Ajay Kumar Pathak, Semariya Chowk, Chanakyapuri, P.O. & Distt - Satna (M.P), Pin Code-485001 Environment Clearance for approval of 8.094 Ha Limestone Mine at Village - Rampurchaseasi, Tehsil - Raghuraj Nagar, District - Satna, (MP).**

This is a mining project pertaining to mining of limestone in an are of 13.759 Ha. Production capacity proposed is 50,000 TPA of Limestone & 25,000 TPA of Reject stone. Application was forwarded by SEIAA to SEAC for scoping so as to determine TOT to carry out EIA and prepare effective EMP for the project.



Earlier this case was scheduled in the 45<sup>th</sup> SEAC-II meeting dated 09/08/2016 wherein it was recorded that the TOR was approved in the 137<sup>th</sup> SEAC meeting dated 24/07/2013 and the same was issued to the PP vide letter no. 759 dated 22/10/2013. The validity of TOR expired on 21/10/2015. PP vide their letter dated 20.08.15 has requested for TOR extension. After deliberations, the committee recommends the case for extension in TOR for one year with validity up to 21/10/16 in the 239<sup>th</sup> SEAC meeting dated 04/11/2015.

PP vide letter dated 20/07/2016 has again requested for extension in validity of TOR for one more year as draft EIA/EMP report of the project is complete which was placed before the committee. The committee observed that the TOR validity was once extended for one year in the 239<sup>th</sup> SEAC meeting dated 04/11/2015 with validity up to 21/10/2016 and as per MoEF&CC OM No. J-11013/41/2006-IA-II (I) (Part) dated 08/10/2014 it can be further extended for one year by regulatory authority. The Committee recommends that since PP has applied for the TOR validity extension on dated 20/07/2016, the TOR's validity can be further extended for one more year with validity up to 20/10/2017 as per MoEF&CC OM No. J-11013/41/2006-IA-II (I) (Part) dated 08/10/2014.

PP has submitted the EIA report vide letter dated 16/10/2017, which was forwarded by the SEIAA vide letter no. 1074 dated 25/10/2017.

The case was scheduled for the presentation in the 297<sup>th</sup> SEAC meeting dated 08-11-17 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. PP vide letter dated 07/11/2017 has requested that due to unavoidable circumstances he is not in position to present the case and another opportunity may be given to him. Committee after deliberations decided to call the PP in subsequent meetings.

The case was scheduled for the presentation in the 299<sup>th</sup> SEAC meeting 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.

**4. Case No. - 5603/2017 M/s Anand Mining Corporation, Pathak Ward, PO & District Katni, MP – 483501 Prior Environment Clearance for Iron Ore Deposit in an area of 8.26 Ha.. (1,78,510 TPA) (Khasra no. 407/1 (Old), 668/1 part (New)) at Village-Ghugharikala, Tehsil - Sihora, Dist. Jabalpur (MP)**

This is case of Iron Ore Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 407/1 (old), 668/1 part (New)) at

Village- Ghugharikala, Tehsil - Sihora, Dist. Jabalpur (MP) 8.26 Ha. The project requires prior EC before commencement of any activity at site. PP has submitted ToR application forwarded by the SEIAA vide letter no. 1210 dated 22/11/2017.

### **Brief Description of Project**

- The area under reference is part of 310.76 acres area granted to Shri Vishambhar Prasad Pathak for 20 years period w.e.f. year 1960. The State Govt. vide its order dated 29.08.1968 canceled the mining lease and thrown open vide its notification dated 22.10.1971. The applicant applied for mining lease over 54.247 hecets. on 22.01.1984.
- The State Govt. later vide its letter dated 23.04.2005 consented to grant 30.756 hecets. area to M/s Anand Mining Corporation and rest 23.491 hecets. to M/s Nirmala Minerals. The Central Govt. vide its order no. 5/54/2005-M.IV dated 02.01.2008 granted approval under section 5(1) of MM (D & R) Act, 1957.
- The LOI (8.26 ha) granted by State Govt. vide its order dated 02.12.2016 and directed to submit approved mining plan.
- The mining plan has approved on 26/12/2016 by Regional Controller of Mines, Jabalpur.
- As per Section 10A (2) (c), MM(D&R) Amendment Act 2015 read with MCR 2016, ML area (8.26) lease period is 50 year i.e. from 6/01/2017 to 05/01/2067.

### **Connectivity :-**

- NH-7, 10.95 km in WNW Direction.
- SH-22, 16.0 Km in SE
- Railway Station Gosalpur at 11.93 Km west
- Sihora Road – 11.90 Km NNW
- Sihora Town, 13.95 Km NW Direction

### **Construction, operation or decommissioning of the Project involving actions which will cause physical changes in the locality (topography, land use, changes in water bodies etc.)**

- Topography of the core zone will get changed due to mining operation in the form of mine pits, surface dumps, haulage roads, infrastructural facilities, etc.
- Temporary site for temporary Office/rest shelter will be constructed .

- Labour housing will not be required.
- No Closure or diversion of existing transport routes or infrastructure as existing facilities is sufficient.
- No surface water body and perennial water body present in ML area. No diversion is proposed.
- No ground water intersection. The ultimate depth of mining is up to 10 m below from highest level.
- Out of 16 KLD water requirements, 13.0 KLD will be used for dust suppression and plantation. Source of water will be mine sump.

**Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):**

- **Land:** - Out of 8.26 ha ML area, excavated and green belt area will be 6.87 ha & 1.39 ha respectively. Excavated area (6.87 ha) will be backfilled (2.87 ha) and rehabilitated through plantation and remaining 4.0 ha area will be converted into water reservoir.
- **Water (KLD):-** 16.0 KLD water will be consumed. Dust suppression and plantation water requirement will be 10 KLD & 3KLD respectively. Domestic water requirement will be 3 KLD. Source:- Mine sump water & bore well water for domestic purpose.
- **Mineral (MT):-** Probable Mineral Reserve = 0.782271 MT  
Pre- Feasibility Mineral Resource = 0.187434 MT
- No other natural resources will be used such as timber, agriculture land etc.

**Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.**

- No explosive will be stored at site.
- Drilling and blasting is not proposed.
- Vulnerable groups of people such as hospital patients, children will not be affected by the project.

**Production of solid wastes during construction or operation or decommissioning (MT/month)**

- Till 5<sup>th</sup> year around 758 cum/month OB and mine waste will be generated. It will be gradually backfilled.
- Hazardous waste will not be generated.
- No agricultural waste; construction & demolition waste is involved in this project.
- No industrial process waste is involved in this project.
- Domestic wastewater will be discharged in septic tank followed by soak pit.

**Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)**

- Emissions from incineration of waste and burning of waste in open air are not applicable.
- Dust emissions from mining, handling and transportation are anticipated, which will be controlled through installing stationary water sprinklers at mine site.
- Vehicular emission will be controlled through regular maintenance & only PUC certified vehicles will be deployed at site.

**Generation of Noise and Vibration, and Emissions of Light and Heat:**

- Drilling and blasting is not proposed.
- Crushing operations are also not involved in it.
- Mining, transportation and mineral handling activity will be the source of Noise.

**Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:**

- Handling, storage, use or spillage of hazardous materials is not anticipated.
- No outside discharge or water overflows from mine.
- Domestic effluent will be discharged in septic tank/ soak pits.
- Surface run off will be collected in series of settling ponds and mined out pits.

- Garland drain followed by settling tank will be constructed around the mine lease within 7.5 m barrier zone.

**Risk of accidents during construction or operation of the Project, which could affect human health or the environment**

- No risk of explosions, spillages, fires etc from storage, handling, use or production of hazardous substances is envisaged.
- Personal protective equipments such as ear plug , safety boots, helmets and first aid facility will be provided at site.
- Mining will be carried out by as per applicable rules of MMR 1961, Mines Act-1952, Minerals (Other than Atomic and Hydro carbons Energy Minerals) Concession Rules, 2016, MCDR-1988.

**Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality**

- Beneficial impact on educational facilities of the area and socio-economic condition of local person connected to mine.
- Produced Iron ore is suitable for sponge iron, cement & pellatisation plant. The Iron ore is proposed for sale to these plants.
- At conceptual stage excavated area (6.87ha) will be rehabilitated by afforestation (2.87ha) and water reservoir (4.0 ha). The remaining 1.39 ha will be green belt area.

**PRE Feasibility Report**

<b>Salient Features</b>	<b>Details</b>
<b>Mining Method</b>	Opencast other than fully mechanized method.
<b>Mineral Reserve/Resource Present in mine lease area</b>	Probable Mineral Reserve = 0.782271 MT Pre- Feasibility Mineral Resource = 0.187434 MT Total reserve + resources= 0.969705 Million Ton

<b>Elevation of ML area</b>	Northern block	Highest elevation – 434 m A.M.S.L towards South direction. Lowest elevation – 410 m A.M.S.L in East direction.
	Southern block	Highest elevation – 428 m A.M.S.L mid of the area . Lowest elevation – 410 m A.M.S.L in North and SE direction.
<b>Bench Height &amp; Width</b>		Height – up to 6.0 m and Width- 6.0 m
<b>Ultimate depth of the mine</b>		10 m below from highest elevation .
<b>Life of Mine</b>		10 year
<b>Ground water table</b>		36 mbgl (369mRL) to 45mbgl (360mRL) (General GL- 405mRL)
<b>Road gradient</b>		Haul road:- 1 in 16 and on ramp 1 in 10
<b>Grade of Iron Ore</b>		Lumps:- 45 to 58 % and Fine – 45 % to 55 % . 90 % recovery of Iron ore.
<b>Man Power Requirement</b>		57 person
<b>No of Working days</b>		300
<b>Project cost</b>		Rs 220 lacs

**LANDUSE DETAIL**

Sl.No.	Particular	Existing	5 <sup>th</sup> year end	Conceptual Period
1	Total area excavated (broken)	0.25	2.31	6.87
2	Area fully mined out (out of 1)	Nil	Nil	(6.87)
3	Area fully reclaimed (Backfilled out of 2)	Nil	Nil	(2.87)
4	Area rehabilitated out of 3 by afforestation	NA	Nil	(2.87)

5	Area reclaimed by water harvesting	Nil	0	(4.0)
6	Total area under dumps	Nil	0.81	Nil
7	Area under active dumps	Nil	0.81	Nil
8	Area under mineral stack	0.25	0.25	Nil
9	Area under Road	Nil	0.10	Nil
10	Area under Green belt (i.e. plantation on area other than dump and backfilled area)	Nil	1.39	1.39
11	Area under infrastructure	Nil	0.10	Nil
12	Garland drain and settling tank	Nil	0.30	Nil
12	Undisturbed area	7.76	3.0	Nil

The case was presented by the PP and their consultant for the TOR. Being it's a case of major mineral, 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:-

1. Cumulative impact should be studied as proposed site is surrounded by other mines and sampling locations should be provided in the neighboring villages such as Ghughrikala, Dubyara and Agariya etc.
2. A canal is passing near the lease area thus its safety aspects should be addressed in the EIA report. Further no mine discharge should find its way in this canal.
3. Copy of order issued by the Upper Collector vide letter no. 56 dated 30/09/2015 and 57 dated 30/09/2017 as referred by the conservator forest in the letter no. 1917 dated 13/06/2017 should be submitted with the EIA report.
4. Environmental Cost Benefit analysis should be carried out and submitted with the EIA report.
5. Environmental Policy of the company issued by the director with environmental management cell should be submitted with the EIA report.
6. Issue like storm water management plan, mine water discharge, safety barrier zone with the neighboring mines etc. should be properly addressed in the EIA.

7. Details of afforestation done till date with name and number of species and proposed plantation scheme should be provided in EIA with supporting photographs.
8. Proposed workers facilitate and workers welfare scheme should be discussed in the EIA report with financial allocations.
9. Inventory of operating / proposed mines within 2 Km around the said mine.
10. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
11. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
12. Any alternate route avoiding the nearby habitations.
13. Land use plan should be plotted on the map.
14. Photos of lease boundary pillars with co-ordinates and fencing should be submitted with EIA report.
15. 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.
16. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
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.
19. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.

**5. Case No.-5489/2016 Shri Ayazuddin Shaikh S/o Shri Jamaluddin Shaikh, 7, Civil Lines, Infront Collector Bunglow, Dewas, MP – 465001. SIA/MP/MIN/60007/2016. Prior Environment Clearance for Stone Mining Quarry in an area of 5.750 ha. (20000 cum per annum) (Khasra no. 780, 782 Min 2) at Village- Surajpur, Tehsil - Shajapur, Dist. Shajapur (MP).**

This is case of Stone Mining Quarry (for Gitti). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located (Khasra no. 780, 782 Min 2) at Village-Surajpur, Tehsil - Shajapur, Dist. Shajapur (MP) 5.750 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.1042, dated: 21/11/16 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 14.750 ha including this mine.

Earlier this case was discussed in 70<sup>th</sup> SEAC-II meeting dated 15/03/2017 wherein it was observed that: this case was discussed in 68<sup>th</sup> SEAC-II meeting dated-06/03/2017 wherein it was observed that: *this case was scheduled again for presentation wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 64<sup>th</sup> SEAC-II meeting dated-16/01/2017. 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.*

*Today, this 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 64<sup>th</sup> and 68<sup>th</sup> meeting respectively. Thus Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent in the 64<sup>th</sup> and 68<sup>th</sup> SEAC meetings, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.*

SEIAA vide letter no. 890 dated 27/06/2017 has again forwarded this case to SEAC stating that the “PP has submitted a request dated 03.06.2017 that he is ready to attend the presentation before SEAC and therefore it has been decided to relist the case and send it along with the technical file to SEAC”.

The case was scheduled for presentation in the 296th SEAC meeting dated: 7/11/17 wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. 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 again scheduled for presentation in this 299th SEAC meeting dated: 7/12/17, wherein neither the Project Proponent (PP) nor his representative was present to explain the

query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

As PP remains absent in the 296<sup>th</sup> SEAC meeting and 299<sup>th</sup> SEAC meeting, committee after deliberations decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project but PP remain absent thus the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**6. Case No. 5099/2016 Shri Surya Pratap Singh Raghuwanshi, Sub Lessee, MPSMCL, Village-Ward No. 14, Krishnapuram, District-Shivpuri (MP)-473551. Prior Environment Clearance for Sand Quarry Deposit in an area of 23.00 ha. (1,15,000 cum/year) at Khasra no.-174, 968, Village-Badonikala, Tehsil-Badoni, District-Datia (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-174, 968, Village-Badonikala, Tehsil-Badoni, District-Datia (MP) 23.00 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 1000 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.-66, dated: -21/01/16, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of -69.00 ha including this mine.

Earlier this case was discussed in the 81<sup>st</sup> SEAC-II meeting dated 22/06/2017 wherein it was observed that: *this case was discussed in the 73<sup>rd</sup> SEAC-II meeting dated 12/04/2017 wherein it was observed that: this case was discussed in the 52<sup>nd</sup> SEAC-II meeting dated 12/10/2016 wherein it was observed that:*

*“Please refer the minutes of 18th SEAC-II meeting dated-13/04/2016 where TOR was approved.*

*As per the above, the TOR was issued to the PP vide letter no. 1394 dated 17/08/2016.*

*MP State Mining Corporation Limited, Bhopal vide their letter no.400 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no. 905 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the pervuew of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.*

*SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.*

*The cases was presented today by the PP and their consultant and during presentation it was observed that as per the Google image of Feb 2016 and as per the co-ordinates provided by the PP that more than 50% of lease area is submerged in water and given co-ordinates are falling above the river bank. Hence, after presentation, PP was asked to submit following information:*

- 1. Revised Operational Production plan considering area submerged in water.*
- 2. Revised Co-ordinates of the lease duly verified by the competent authority.*

*PP vide letter dated 04/03/2017 has submitted the reply of above queries which were placed before committee and it was observed by the committee that as per the revised operational production plan submitted by PP only 1.600 ha area is available for mining and remaining 21.400 ha area is submerged in water. Committee further observed that as per the revised co-ordinates submitted by PP and Google image of February, 2017 approx. 80% of the lease area is submerged in river water and sand is available only on the western bank of the lease. Thus committee after deliberations asked PP to submit recent Photographs of the lease area showing sand and water submergence area which should be duly verified by the concerned mining officer for further consideration of this project.*

The case was scheduled for presentation in the 296<sup>th</sup> SEAC meeting dated: 7/11/17 wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. 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 again scheduled for presentation in this 299<sup>th</sup> SEAC meeting dated: 7/12/17, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

As PP remains absent in the 296<sup>th</sup> SEAC meeting and 299<sup>th</sup> SEAC meeting, committee after deliberations decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project but PP remain absent thus the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**7. Case No. - 5602/2017 Shri Jay Narayan Yadav , R/o Saidabad, Tehsil - Khalwa, Dist. Khandwa, MP – 450117 (SIA/MP/MIN/70782/2017) Prior Environment Clearance for Stone (Crusher) in an area of 8.650 Ha.. (50,160 cum per annum) (Khasra no. 351/1) at Village- Junapani, Tehsil - Khalwa, Dist. Khandwa (MP)**

This is case of Stone (Crusher). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 351/1) at Village- Junapani, Tehsil - Khalwa, Dist. Khandwa (MP) 8.650 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no.15603 dated:01/11/2017 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 18.65 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that a natural drain and stop dam is in existence on the SW side of the lease approx 140 meter thus to prevent silt in the drain committee suggested that garland drains and settling tanks of suitable size should be provided. It was further suggested by the committee that SME blasting should be preferred to control fly rocks and fugitive emissions because the lease is on the hillock. It was submitted by the PP that very scanty volume of top soil is present for which committee instructed that the top soil should be simultaneously used for the plantation. During discussion it was submitted by PP that a crusher is also proposed within the lease area for which committee suggested that a wind breaking wall of 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions. During discussion it was also suggested by the committee that for dust suppression, over head sprinkling system should be provided and the same was agreed by the PP. After presentation PP was asked to provide following:

1. Details of annual production and per day production of stone.
2. Details of manpower and machinery.
3. Plantation scheme as suggested by the committee.
4. Proposal of over head sprinkling system with its budgetary provisions.
5. Revised EMP and CSR cost (bifurcation in capitol and recurring) as suggested by the committee.

PP vide letter dated 07/12/2017 has submitted the response of above queries which was placed before the committee. Committee after perusal found the response submitted by PP satisfactory. The other submissions made by the PP were found to be satisfactory and

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

1. Production of **Stone** not exceeding 50,160 cum/year as per approved mine plan.
  2. PP should explore possibility of using solar lights in office /rest areas.
  3. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area.
  4. A water body is about 140 meters away from the site thus garland drain with settling tank of suitable capacity be provided all around the ML area.
  5. Approach road from site to the main road will be maintained by the PP.
  6. A crusher is also proposed within the lease area for which wind breaking wall of minimum 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions.
  7. Top soil shall be simultaneously used for the plantation.
8. **Case No. - 5604/2017 Shri Anil Bourasi, H.No. 02, Ganesh Colony, Khandwa, MP – 474003 (SIA/MP/MIN/70783/2017) Prior Environment Clearance for Stone Quarry in an area of 5.630 Ha.. (50,160 cum per annum) (Khasra no. 178/1, 178/2, 179, 182 & 177) at Village- Piplya Kalan, Tehsil - Khandwa, Dist. Khandwa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 178/1, 178/2, 179, 182 & 177) at Village- Piplya Kalan, Tehsil - Khandwa, Dist. Khandwa (MP) 5.630 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no.14159 dated: 06/10/17, has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 8.95 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that a natural drain is in existence approx 250 meter away from the lease and to prevent silt in the drain committee suggested that garland drains and settling tanks of suitable size should be provided. It was further suggested by the committee that SME blasting should be preferred to control fly rocks and fugitive emissions because the lease is on the hillock. For top soil management, committee instructed that the top soil should be simultaneously used for the plantation. During discussion it was submitted by PP that a crusher is also proposed within the lease area for which committee suggested that a wind breaking wall of 03 meters height of

MS should be erected all around the crusher to avoid fugitive emissions. During discussion it was also suggested by the committee that for dust suppression, over head sprinkling system should be provided and the same was agreed by the PP. After presentation PP was asked to provide following:

1. Details of annual production and per day production of stone.
2. Details of manpower and machinery.
3. Plantation scheme as suggested by the committee.
4. Proposal of over head sprinkling system with its budgetary provisions.
5. Revised EMP and CSR cost (bifurcation in capitol and recurring) as suggested by the committee.

PP vide letter dated 07/12/2017 has submitted the response of above queries which was placed before the committee. Committee after perusal found the response submitted by PP satisfactory. The other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of **Stone** not exceeding 50,160 cum/year as per approved mine plan.
2. PP should explore possibility of using solar lights in office /rest areas.
3. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area.
4. A natural drain is about 250 meters away from the site thus garland drain with settling tank of suitable capacity be provided all around the ML area.
5. Approach road from site to the main road will be maintained by the PP.
6. A crusher is also proposed within the lease area for which wind breaking wall of minimum 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions.
7. Top soil shall be simultaneously used for the plantation.

**9. Case No. - 5595/2017 M/s Purni Infra India Pvt. Ltd, Purni House, Padawa Road, Khandwa, MP – 450001 (SIA/MP/MIN/706509/17) Prior Environment Clearance for Basalt Stone & Murrum Quarry in an area of 5.74 Ha.. (1,06,428 cum per annum for basalt Stone and 31,720 cum per annum for Murrum) (Khasra no. 06, 29/1,29/2) at Village- Mathela, Tehsil - Khandwa, Dist. Khandwa (MP)**

This is case of Basalt Stone & Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located (Khasra no. 06, 29/1,29/2) at Village- Mathela, Tehsil - Khandwa, Dist. Khandwa (MP) 5.74 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 14229 dated: 03/10/17 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein following details were submitted by the PP:

1.	Name of the project & its location:	<b>Mathela Basalt Stone &amp; Murrum Quarry</b>
		<b>Khasra No. – 06,29/1, 29/</b> <b>Vill. – Mathela</b>
		<b>Tehsil - Khandwa</b> <b>Dist. – Khandwa</b>
2.	Name of the Company, Address Tele No. & E-mail:	<b>Company:-</b> M/s Purni Infra India Pvt. Ltd (Director- Shri Uttampal Singh)
		<b>Address:-</b> Resi.- Purni House, Padawa Road, Khandwa District-Khandwa, Madhya Pradesh
		<b>Tele No.:-</b> 9425085099
		<b>E-mail:-</b> <a href="mailto:Uttampal345singh@rediffmail.com">Uttampal345singh@rediffmail.com</a>
3.	Latitude and Longitude of the project:	(A) 21°54'15.16"N 76°22'40.12"E (B) 21°54'17.90"N 76°22'48.60"E (C) 21°54'16.35"N 76°22'49.16"E (D) 21°54'11.56"N 76°22'49.30"E (E) 21°54'11.19"N 76°22'45.49"E (F) 21°54'07.54"N 76°22'45.67"E (G) 21°54'07.08"N 76°22'41.41"E
4.	If a Joint venture, the names & addresses of the JV partners including their share:	NA
5.	Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.:	Principle sanction of mining Lease granted by Collector (Mining) Khandwa, Vide Order No. 12315/Khanij/2017, Khandwa, dated on 28-08-2017 for the lease period of 10 years. It is a new Project on Pvt. Land of <b>5.740 hect.</b> area having total available reserve of 13,57,300M <sup>3</sup>

		<p>excluding the reserve blocked in barrier zone (Area - 0.740 Hect.), Crusher Unit (Area – 0.122 Hect.), Bench loss etc. The reserve is considered up to the depth of 30mt. There is a thick cover of Soil/O’B up to the depth of 0.20mt. Murrum is considered below Soil/O’B up to the depth of 1.30mt. For the Mining activity the available working area is 4.880 Hect.</p> <p>The excavation of <b>Basalt Stone Max. 106,428 M<sup>3</sup>/Year &amp; Murrum 31,720 M<sup>3</sup>/Year (1<sup>st</sup> 2 Year)</b> is proposed in approved mining plan.</p> <p>The Mining site is easily approachable from village Mathela which is 2.70 km from the mining area. Village Mathela is connected with the District Headquarter Khandwa, which is 7.5km away.</p>
6.	Whether the project is in the Critically Polluted Area (CPA):	No
7.	Cost of the project :	60 Lacs/-
8.	Employment generated/to be generated:	40-45
9.	Benefits of the project:	<p>The basic objective of the project is to effective utilization of Mineral in the country and/or region. In last few years the development, industrialization and infrastructure projects-like highways buildings and township has enhanced the demand of Stone and building material. This project gives not only building material but also employment, economic growth of the state and socioeconomic status of the people of the region area.</p>
10.	Whether new or expansion project.	New Project
11.	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006:	NA



12.	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF:	NA
13.	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority:	NA
14.	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent):	NA
15.	If the project was considered in EAC, Pl. gives dates of the meeting (s):	NA
16.	Type of Mine: (Open cast/Underground/mixed):	Open Cast
17.	Capacity of the mine applied for:	Basalt Stone: - Max. 106,428 M <sup>3</sup> /Year Murrum :- 31,720 M <sup>3</sup> /Year (for 2 Years)
18.	ML Area: i. As per block allotment: ii. As per approved mine plan:	This is a Quarry Lease. Total Sanctioned Lease Area:- 5.740 hect.
19.	Date of approval of mine plan, mine closure plan, status & date:	The mining plan has been approved by Regional office of Geology & Mining, Indoor (MP) vide letter no.2335 on dtd. 26/10/2017
20.	Date of Board's approval:	NA

21.	Date of Ground water clearance:	Only surface water will be used for mining purpose therefore no need of ground water clearance.																																		
22.	Date of mine closure approval:	The mining plan has been approved by Regional office of Geology & Mining, Indoor (MP) vide letter no.2335 on dtd. 26/10/2017																																		
23.	Cost of proposed EMP and CSR with detailed components & proposed activities:	<p><b>PROPOSED ANNUAL EMP COST :</b></p> <table border="1" data-bbox="740 651 1513 1610"> <thead> <tr> <th data-bbox="740 651 839 819">Sr. No.</th> <th data-bbox="839 651 1102 819">Particular</th> <th data-bbox="1102 651 1326 819">Capital Cost (in Rs.)</th> <th data-bbox="1326 651 1513 819">Recurring Cost (in Rs./Year)</th> </tr> </thead> <tbody> <tr> <td data-bbox="740 819 839 871">1.</td> <td data-bbox="839 819 1102 871">Garland Drain</td> <td data-bbox="1102 819 1326 871">50,000</td> <td data-bbox="1326 819 1513 871">Nil</td> </tr> <tr> <td data-bbox="740 871 839 1061">2.</td> <td data-bbox="839 871 1102 1061">Tree Plantation (including post plantation care, protection)</td> <td data-bbox="1102 871 1326 1061">80,000</td> <td data-bbox="1326 871 1513 1061">40,000</td> </tr> <tr> <td data-bbox="740 1061 839 1301">3.</td> <td data-bbox="839 1061 1102 1301">Pollution control (water spray, maintenance of vehicle, etc.)</td> <td data-bbox="1102 1061 1326 1301">1,50,000</td> <td data-bbox="1326 1061 1513 1301">60,000</td> </tr> <tr> <td data-bbox="740 1301 839 1352">4.</td> <td data-bbox="839 1301 1102 1352">Monitoring</td> <td data-bbox="1102 1301 1326 1352">Nil</td> <td data-bbox="1326 1301 1513 1352">50,000</td> </tr> <tr> <td data-bbox="740 1352 839 1498">5.</td> <td data-bbox="839 1352 1102 1498">Road maintenance</td> <td data-bbox="1102 1352 1326 1498">1,50,000</td> <td data-bbox="1326 1352 1513 1498">50,000</td> </tr> <tr> <td data-bbox="740 1498 839 1550">6.</td> <td data-bbox="839 1498 1102 1550">Tar Fencing</td> <td data-bbox="1102 1498 1326 1550">50,000</td> <td data-bbox="1326 1498 1513 1550">Nil</td> </tr> <tr> <td colspan="2" data-bbox="740 1550 1102 1610"><b>Total</b></td> <td data-bbox="1102 1550 1326 1610"><b>4,80,000/-</b></td> <td data-bbox="1326 1550 1513 1610"><b>3,00,000/-</b></td> </tr> </tbody> </table> <p data-bbox="740 1688 1513 1933"><b>PROPOSED ANNUAL COST FOR CSR/ESR :</b></p> <ul style="list-style-type: none"> <li data-bbox="788 1733 1513 1856">❖ The proposed cost for CSR/ESR has been calculated on the basis of profit earned by lessee against the production.</li> <li data-bbox="788 1856 1513 1933">❖ The Proposed CSR/ESR is around 2-3% of the profit.</li> </ul>			Sr. No.	Particular	Capital Cost (in Rs.)	Recurring Cost (in Rs./Year)	1.	Garland Drain	50,000	Nil	2.	Tree Plantation (including post plantation care, protection)	80,000	40,000	3.	Pollution control (water spray, maintenance of vehicle, etc.)	1,50,000	60,000	4.	Monitoring	Nil	50,000	5.	Road maintenance	1,50,000	50,000	6.	Tar Fencing	50,000	Nil	<b>Total</b>		<b>4,80,000/-</b>	<b>3,00,000/-</b>
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		<p>❖ These CSR activities will be carried out in nearby villages with the help of Gram Panchayat.</p> <p>❖ Following Village will chosen for CSR Activities.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1st Year – Mathela</td> <td style="width: 50%;">4th Year – Manpura</td> </tr> <tr> <td>2nd Year – Gokulgaon</td> <td>5th Year – Mathela</td> </tr> <tr> <td>3rd Year – Sihada</td> <td></td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr. No.</th> <th style="width: 70%;">Particular</th> <th style="width: 20%;">Amount (in Rs./Year)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>Contribution to Digital India mission, Fund for installing a Computer setup in Gram Panchayat Office.</td> <td style="text-align: right;">40,000</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>Fund for School for Extracurricular Activities and maintenance</td> <td style="text-align: right;">20,000</td> </tr> <tr> <td style="text-align: center;">3.</td> <td>Fund for Aaganwadi Centre</td> <td style="text-align: right;">40,000</td> </tr> <tr> <td style="text-align: center;">4.</td> <td>Contribution to Beti Padhao Beti Bachao Abhiyan</td> <td style="text-align: right;">60,000</td> </tr> <tr> <td style="text-align: center;">5.</td> <td>Contribution for Swachchh Bharat Abhiyan</td> <td style="text-align: right;">40,000</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>2,00,000/-</b></td> </tr> </tbody> </table> <p>❖ <b>Apart from above, the suggestion recommended by respected SEIAA/SEAC members and local authorities will be followed accordingly.</b></p>	1st Year – Mathela	4th Year – Manpura	2nd Year – Gokulgaon	5th Year – Mathela	3rd Year – Sihada		Sr. No.	Particular	Amount (in Rs./Year)	1.	Contribution to Digital India mission, Fund for installing a Computer setup in Gram Panchayat Office.	40,000	2.	Fund for School for Extracurricular Activities and maintenance	20,000	3.	Fund for Aaganwadi Centre	40,000	4.	Contribution to Beti Padhao Beti Bachao Abhiyan	60,000	5.	Contribution for Swachchh Bharat Abhiyan	40,000	<b>Total</b>		<b>2,00,000/-</b>
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5.	Contribution for Swachchh Bharat Abhiyan	40,000																											
<b>Total</b>		<b>2,00,000/-</b>																											

24.	Numbers of plantation proposed & area allocated for plantation with budgetary provisions:	<ul style="list-style-type: none"> <li>❖ About <b>300</b> number of trees @ cost Rs. 500/trees will be planted each year within 7.5m safety zone, Along Approach Road, and in Village area. Saplings will be planted in Zig-Zag Manner.</li> <li>❖ The proposed Plantation along approach road, Within 7.5m safty zone and in village is as follow.</li> </ul> <table border="1" data-bbox="743 651 1520 801"> <tr> <th colspan="2" style="text-align: center;"><b>Total no. of trees to be Planted:- 300</b></th> </tr> <tr> <th style="text-align: center;"><b>Along Approach Road</b></th> <th style="text-align: center;"><b>Within 7.5m Safty Zone</b></th> </tr> <tr> <td style="text-align: center;">105 ~35%</td> <td style="text-align: center;">135 ~45%</td> </tr> </table> <ul style="list-style-type: none"> <li>❖ The plantation will be carried out during first five year and proper caring will be done during next five year so that plants will grow properly.</li> <li>❖ The species; Neem, Sheesham, Jamun, Karanj, Mango etc. will be planted as proposed manner.</li> </ul> <table border="1" data-bbox="788 1167 1520 1536"> <tr> <th colspan="2" style="text-align: center;"><b>Total no. of trees to be Planted:- 300</b></th> </tr> <tr> <th style="text-align: center;"><b>Name of Tree</b></th> <th style="text-align: center;"><b>No. of Plats to be Planted</b></th> </tr> <tr> <td style="text-align: center;">Neem</td> <td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">Sheesham</td> <td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">Mango</td> <td style="text-align: center;">120</td> </tr> <tr> <td style="text-align: center;">Jamun</td> <td style="text-align: center;">60</td> </tr> <tr> <td style="text-align: center;">Karni</td> <td style="text-align: center;">60</td> </tr> </table> <ul style="list-style-type: none"> <li>❖ <b>Apart from above, other species as recommended by SEIAA/SEAC member, the forest department and local authorities will also be considered for Plantation.</b></li> </ul>	<b>Total no. of trees to be Planted:- 300</b>		<b>Along Approach Road</b>	<b>Within 7.5m Safty Zone</b>	105 ~35%	135 ~45%	<b>Total no. of trees to be Planted:- 300</b>		<b>Name of Tree</b>	<b>No. of Plats to be Planted</b>	Neem	30	Sheesham	30	Mango	120	Jamun	60	Karni	60
<b>Total no. of trees to be Planted:- 300</b>																						
<b>Along Approach Road</b>	<b>Within 7.5m Safty Zone</b>																					
105 ~35%	135 ~45%																					
<b>Total no. of trees to be Planted:- 300</b>																						
<b>Name of Tree</b>	<b>No. of Plats to be Planted</b>																					
Neem	30																					
Sheesham	30																					
Mango	120																					
Jamun	60																					
Karni	60																					
25.	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details:	No river/Nallah flowing near or adjacent to the proposed mine.																				

During presentation, it was observed that a crusher is proposed within the lease area for which committee suggested that a wind breaking wall of 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions. During discussion it was also suggested by the committee that for dust suppression, over head sprinkling system should be provided and the same was agreed by the PP. After presentation PP was asked to provide following:

1. Revised plantation scheme as suggested by the committee.
2. Proposal of over head sprinkling system with its budgetary provisions.
3. Revised EMP and CSR cost (bifurcation in capitol and recurring) as suggested by the committee.

PP vide letter dated 07/12/2017 has submitted the response of above queries which was placed before the committee. Committee after perusal found the response submitted by PP satisfactory. The 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 as per approved mine plan for **Stone** not exceeding 1,06,428 cum/year and Murram 31,720 cum/year.
2. PP should explore possibility of using solar lights in office /rest areas.
3. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area.
4. Approach road from site to the main road will be maintained by the PP.
5. A crusher is also proposed within the lease area for which wind breaking wall of minimum 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions.
6. Top soil shall be simultaneously used for the plantation.

**10. Case No. - 5600/2017 M/s Shiva Corporation India Pvt. Ltd, 312, Ganpati Plaza, MIG Road, Jaipur, Raj – 472331 Prior Environment Clearance for Sand Deposit Quarry in an area of 5.289 Ha.. (40,000 cum per annum) (Khasra no. 01) at Village- Pachghara, Tehsil - Lidhaura, Dist. Tikamgarh (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at (Khasra no. 01) at Village- Pachghara, Tehsil - Lidhaura, Dist. Tikamgarh (MP) 5.289 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 903 dated: 28/8/15, has reported that there is no more mines operating or proposed within 500 meters.

The case was presented by the PP and their consultant wherein following details were submitted by the PP:

1. Name of the project & its location:	<p><b>Name of the Project:</b> Pachaghara Sand Mine on Dhasan river.</p> <p><b>Location:</b> Khasra No: 01 Village:Pachaghara Tehsil:Lidhoura District:Tikamgargh State: Madhya Pradesh</p>		
2. Name of the Company, Address Tele No. &E-mail :	<p><b>Shiva Corporation India Pvt Ltd.</b> Jaipur India</p>		
	<p><b>E-mail Id:</b> enviro2000-scipl@yahoo.in</p>		
3. Latitude and Longitude of the project	Point	Latitude	Longitude
	<b>A</b>	<b>25 08 04.25N</b>	<b>79 00 26.59 E</b>
	B	25 08 01.85 N	79 00 29.94 E
	C	25 07 42.29 N	79 00 13.75 E
	D	25 07 41.86 N	79 00 11.58 E
	E	25 07 24.77 N	79 00 10.24 E
	F	25 07 24.51N	79 00 08.00 E
4. If a Joint venture, the names & addresses of the JV partners including their share	N.A.		

5. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	<b>New Proposal</b>					
	<b>Mine Lease Area:</b> 5.2890 ha					
	<b>Land Use Pattern:</b>					
	<b>*All the areas are given in Hectares</b>	<b>Forest Land</b>	<b>Pvt. Ag. Land</b>	<b>-</b>	<b>Govt. Land</b>	<b>Total (Ha)</b>
	Non Utilized	-	-	-	5.289	5.289
	Total	-	-	-	<b>5.289</b>	<b>5.289</b>
	<b>Connectivity:</b>					
	NH-26B		NH – 75 20 km		N	
	SH-19		SH		37km , 19 Km, W	
	Bardi Halt Railway Station		Tikamgargh Railway Station		44 km	
Raja Bhoj Airport, Bhopal		Khajurao, About 98 km		E		
6. Whether the project is in the Critically Polluted Area (CPA):	No the project is not in the Critically Polluted Area.					
7. Cost of the project :	125 lakhs					
8. Employment generated/to be generated	Category		Proposed			
	Supervisory staff		1			
	Permit Manager		1			
	Mining Mate		1			
	Time keeper / store keeper		1			

	cum first aider	
	Mali / Watchman / Pump operator	1
	Skilled	1
	Unskilled	15-20
	Supervisory staff	1
	Permit Manager	1
9. Benefits of the project:	<p>The project is of utmost importance to the area/ region for further prevent widening of the river bed due to the deposition of sediments which if not mined out will result in rising of the river bed causing flooding, damage to the adjoining areas, destruction of life and property. It provide interest of mineral development and shall greatly contribute to improve the socio-economic conditions of the local habitants. The operation of the proposed project will bestow various social and economic benefits to the local communities of the area in addition to providing better employment opportunities helping them earn livelihood. The mining project shall improve social infrastructure of the area, apart from increased financial benefits accruing to state and central agencies by ways of taxes, royalties, cesses etc.</p>	
11. If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006. 1	N.A.	
12. If expansion, please indicate the number and date of the certified Compliance Report of Regional Office	N.A.	



of the MoEF	
13. No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	N.A.
14. No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	N.A.
15. If the project was considered in EAC, Pl. gives dates of the meeting (s).	N.A.
16. Type of Mine: (Open cast/Underground/ mixed):	Open Cast
17. Capacity of the mine applied for	Total Production 40,000 m <sup>3</sup> /yr
18. ML Area i. As per block allotment ii. As per approved mine plan	5.289 hectare
19. Date of approval of mine plan, mine closure plan, status & date	26/09/2015
20. Date of Board's approval:	
21. Date of Ground	Not Applicable

water clearance:				
22. Date of mine closure approval				
23. Cost of proposed EMP and CSR with detailed components & proposed activities.	<b>CSR Budget:</b>			
	1	Promotion of Swachh Bharat Abhiyan	30000	
	2	Promotion of Digital India Programme	15000	
	3	Skill development of village women	40000	
	4	Skill development of farmers	60000	
	5	Promotion of energy saving lighting i.e. LED	15000	
	6	Promotion of Solar Energy Use	35000	
	7	Hygiene and health	25000	
	<b>EMP Cost:</b>			
	<b>Sl. No.</b>	<b>Measures</b>	<b>Description of work</b>	<b>Annual recurring cost(in Rs.) / Proposed</b>
	<b>1.</b>	Pollution Control-Dust Suppression	Water sprinkling will be done on unpaved roads from where trucks carry sand during mining twice a day.	60,000
<b>2.</b>	Pollution Monitoring	Yearly at 1 location for air, 2 locations for water	-	
<b>i)</b>	Air pollution	and 1 location for	15,000	
<b>ii)</b>	Water pollution		30,000	

	iii)	Noise pollution	noise during mining.	15,000
	3	Occupational Health	To provide medical facility at the site to the employees	25,000
	4	Green Belt	Trees will be planted along the river bank and along the Kachcha road during the lease period in phases.	200,000
	<b>Total</b>			3,45,000
25. Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.	Dhasan river(onsite).			

The case was presented by the PP and their consultant wherein after presentation PP was asked to provide following:

1. Revised plantation scheme as suggested by the committee.
2. Evacuation route marked on Google map.
3. Proposal for Environmental Management Cell.
4. Revised EMP and CSR cost (bifurcation in capital and recurring) as suggested by the committee.

**11. Case No. - 5587/2017 M/s Sainik Foods Pvt. Ltd, HIG-5, Deendayal Nagar, Phase-1, Kanth Road, Muradabad, UP (SIA/MP/MIN/70354/17) Prior Environment Clearance for Sand Mine on Ken River in an area of 12.60 Ha.. (3,78,000 cum per annum) (Khasra no. 405) at Village- Lasgarha, Tehsil - Chandla, Dist. Chhatarpur (MP)**

This is case of Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 405) at Village- Lasgarha, Tehsil - Chandla,

Dist. Chhatarpur (MP) 12.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 1303 dated: 12/5/17 has reported that there are 01 more mine operating or proposed within 500 meters around the said mine with total area of 24.9 Ha. including this mine.

The case was presented by the PP and their consultant wherein following details were submitted:

1. Name of the project & its location:	<p><b>Name of the Project:</b> Lasgarha Sand Mine on Ken river.</p> <p><b>Location:</b> Khasra No: 405 Village: Lasgarha Tehsil: Chandla District: Chhatarpur State: Madhya Pradesh</p>		
2. Name of the Company, Address Tele No. & E-mail :	<p><b>Sainik Foods Pvt. Ltd.</b> Authorised Signatory: Shri Narayan Prasad Pandey HIG-5 Deendayal Nagar, Phase-1, Kanth Road, Muradabad , Uttar Pradesh- 244001, India</p> <p><b>E-mail Id:</b> sainikfoodsprivatelimited@gmail.com</p>		
3. Latitude and Longitude of the project	<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>
	A	25°00'02.13"N	80°13'44.11"E
	B	25°00'05.06"N	80°13'40.76"E
	C	25°00'27.21"N	80°14'02.00"E
4. If a Joint venture, the names & addresses of the JV partners including their share	N.A.		

5. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	<b>New Proposal</b>					
	<b>Mine Lease Area:</b> 12.60 ha					
	<b>Land Use Pattern:</b>					
	<b>*All the areas are given in Hectares</b>	<b>Forest Land</b>	<b>Pvt. Ag. Land</b>	<b>Raiyati Land</b>	<b>Govt. Land</b>	<b>Total (Ha)</b>
	Non Utilized	-	-	-	12.60	12.60
	Total	-	-	-	<b>12.60</b>	<b>12.60</b>
	<b>Connectivity:</b>					
	NH-75			33 km	SSW	
	SH-49			9.5 km	SE	
	Mahoba - Khajuraho Railway Line			33 km	W	
Raja Bhoj Airport, Bhopal			349 km	SW		
6. Whether the project is in the Critically Polluted Area (CPA):	No the project is not in the Critically Polluted Area.					
7. Cost of the project :	55 lakhs					
8. Employment generated/to be generated	<b>Designation</b>			<b>No. of Employees</b>		
	Supervisory staff			1		
	Part time mining engineer			1		
	Permit Manager			1		
	Mining Mate			1		
	Time keeper / store keeper cum first aider			1		
	Mali / Watchman / Pump operator			1		
	Skilled			1		

	Semi-skilled	2
	Unskilled	104
	<b>Total</b>	<b>113</b>
9. Benefits of the project:	The project is of utmost importance to the area/ region for further prevent widening of the river bed due to the deposition of sediments which if not mined out will result in rising of the river bed causing flooding, damage to the adjoining areas, destruction of life and property. It provides interest of mineral development and shall greatly contribute to improve the socio-economic conditions of the local habitants. The operation of the proposed project will bestow various social and economic benefits to the local communities of the area in addition to providing better employment opportunities helping them earn livelihood. The mining project shall improve social infrastructure of the area, apart from increased financial benefits accruing to state and central agencies by ways of taxes, royalties, cesses etc.	
11. If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006. 1	N.A.	
12. If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	N.A.	
13. No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	N.A.	
14. No. and Date of the EC and the revised EC	N.A.	

letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	
15. If the project was considered in EAC, Pl. gives dates of the meeting (s).	N.A.
16. Type of Mine: (Open cast/Underground/mixed):	Open Cast
17. Capacity of the mine applied for	Total Production 3,78,000m <sup>3</sup> /yr
18. ML Area i. As per block allotment ii. As per approved mine plan	12.60 hectare
20. Date of approval of mine plan, mine closure plan, status & date	23.08.17
21. Date of Board's approval:	Not Applicable
22. Date of Ground water clearance:	Not Applicable
23. Date of mine closure approval	Not Applicable

23. Cost of proposed EMP and CSR with detailed components & proposed activities.	<b>CSR Budget:</b>		
	<b>Sl. No.</b>	<b>Activity</b>	<b>Fund Allotted (In Rs.)</b>
	1	Promotion of Swachh Bharat Abhiyan	30000
	2	Promotion of Digital India Programme	15000
	3	Skill development of village women	40000
	4	Skill development of farmers	60000
	5	Promotion of saving of conventional energy resources	15000
	6	Promotion of clean energy	70000
	7	Hygiene and health	40000
		<b>Total</b>	<b>2,70,000</b>
<b>EMP Cost:</b>			
<b>Sl. No.</b>	<b>Measures</b>	<b>Description of work</b>	<b>Annual recurring cost (in Rs.) / Proposed</b>
1	Water @ 50 Rs/Tanker & 5 Trip /Day (Capacity	Water sprinkling will be done on unpaved roads from where trucks carry sand during mining twice a	60,000



		3000 Litre)	day.		
2	Road Maintenance	Maximum road length 300 m, considering maintenance 300 Rs/sq.m.	Capital Cost 4,50,000	90,000	
3	Pollution Monitoring	No of Proposed Stations	Frequency		
i)	Air Quality a) Monitoring in the vicinity of Mine b) Monitoring in the vicinity of Transportation network	Two (One in windward and other in Leeward direction of the wind)	Twice in a year for 24 hours sampling	70,000	
ii)	Water quality Water Quality of surface and Ground water around the site	Two (One in Upstream and One in downstream)	Twice in a year	30,000	
iii)	Ambient Noise level	Two (One in core zone and	Twice in a year	25,000	

		One in buffer zone)		
	3	Occupational Health (@1000/Miners)	To provide medical facility at the site to the employees	1,13,000
	4	Green Belt (500 Rs per plant)	180 plants along approach road and 540 plants along river bank during the lease period in phases	3,60,000
	Total			4,50,000 7,48,000
24. Numbers of plantation proposed & area allocated for plantation with budgetary provisions.	144 plants per year will be planted. Total estimated Cost for plantation will be Rs. 3,60,000			
25. Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.	Ken river (onsite).			

During the presentation it was observed by the committee that a road bridge is in existence which is approx 220 meters away from the lease. However, as per the Google image of November, 2016 it was noticed by the committee that the lease area is >80% submerged in water and since the mid stream mining is not allowed PP was asked to submit recent photographs of the lease area clearly showing area available for sand evacuation with statement of mining officer about submergence of area in water and area available for mining. After presentation PP was asked to provide following:

1. Recent photographs of the lease area clearly showing area available for sand evacuation with statement of mining officer about submergence of area in water and area available for mining.
2. Revised operational production plan as per the above information.
3. Evacuation route marked on Google map.
4. CSR cost with bifurcation in capital and recurring cost.

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

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

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

**(Prashant Shrivastava)**  
**Member**

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

**(A.A. Mishra)**  
**Secretary**

**(Mohd. Kasam Khan)**  
**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. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
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. Curtaining of site shall be done using appropriate media.
7. 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.
8. Transportation shall not be carried out through forest area.
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.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
12. NOC of gram panchayat should be obtained for the water requirement.
13. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
14. 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.
15. 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. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Plantation shall be carried out on the banks for stabilization of the banks.
5. The mining activity shall be done manually.
6. 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.
7. NOC of gram panchayat should be obtained for the water requirement.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
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 depth of mining shall be restricted to 3m or water level, whichever is less.
12. No in-stream mining shall be allowed.
13. 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.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. 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.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
18. EC will be valid for mine lease period subject to a ceiling of 5 years.
19. 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. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
4. 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.
5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
6. The mining activity shall be done manually.
7. Heavy vehicles shall not be allowed for removal of sand.
8. The sand shall be transported by small trolleys up to the main transport vehicle.
9. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
10. No Mining shall be carried out during Monsoon season.
11. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
12. NOC of gram panchayat should be obtained for the water requirement.
13. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
14. The mining shall be carried out strictly as per the approved mining plan.