

The 305<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 16 January, 2018 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. Shri Prasant Srivastava, Member.
4. Dr. Jai Prakash Shukla, Member.
5. Dr. R. Maheshwari, Member.

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

**1. Case No.-5499/2016 Arunesh Pratap Singh Baghel, P.O. Vijayraghogarh, Dist. Katni, MP (SIA/MP/MIN/5747/15). Prior Environment Clearance for Limestone & Dolomite Mine in an area of 5.958 ha. (1,70,000 TPA) (Khasra no. 55, 63/1, 64, 65, 66, 67, 68) at Village- Jamuani Khurd, Tehsil - Vijayraghogarh, Dist. Katni (MP). (EIA CONSULTANT: M/s Aplinka Solutions & Technologies Pvt. Ltd. Noida)**

This is case of Limestone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no. 55, 63/1, 64, 65, 66, 67, 68, Village- Jamuani Khurd, Tehsil - Vijayraghogarh, Dist. Katni (MP) 5.958 ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was discussed in 67<sup>th</sup> SEAC-II meeting dated 07/02/2017, wherein it was observed that being it's a case of major mineral committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
6. Compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board.

7. Year wise details of minerals already excavated till date should be submitted with EIA report.
8. PP has to submit the lease validity extension certificate along with EIA report.
9. Atleast 08 stations should be selected for monitoring and results should be discussed in the EIA report.
10. Hydro geological study should be carried out if ground water intersection is proposed.
11. Free silica study should also incorporate in EIA report.
12. Top soil management plan should be addressed in EIA report.
13. Input data of modeling should be addressed in EIA along with this all back up calculation.
14. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
15. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
16. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
17. Water quality of all the villages within 10 k.m radius should be studied and result should be incorporated in final EIA report.

PP has submitted the EIA report vide letter dated 11/12/2017, which was forwarded by the SEIAA vide letter no.1356 dated 15/12/17.

Today, PP and his consultant presented the salient features of the project, EIA, baseline data and the proposed EMP before the committee.

1	Name of the project & its location	Jamuani Khurd Limestone & Dolomite Mine Village-Jamuani Khurd, Tehsil-Vijayraghgarh, District-Katni, State - Madhya Pradesh	
2	Name of the Company, Address Tele No. & E-mail :	<b>Shri Arunesh Singh Baghel</b> S/o Late Shri. Lal Rajendra Singh Baghel resident of Village & Tehsil: Vijayraghgarh; District: Katni; Madhya Prdaesh e-mail : pd_awasthi@rediffmail.com	
3	Latitude and Longitude of the project		<b>Jamuani Khurd Limestone &amp; Dolomite Mine</b>
		<b>Latitude</b>	24°06'19.7" to 24°06'28.9" North
		<b>Longitude</b>	80°42'07.5" to 80°42'23.8" East
4	If a Joint venture, the names & addresses of the JV partners including their share	Not applicable	
5	Project brief: nature of	Nature of proposal	New

	proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	Total area- land use	5.958 ha. Waste Land
		Project components	<ul style="list-style-type: none"> <li>• The highest elevation of the lease area is 399.25m. RL in North West direction.</li> <li>• The lowest elevation is 396 m RL in south - east direction.</li> </ul>
		Connectivity	The lease area is approachable from district headquarter Katni and Maihar. Nearest Airport is Satna Airport – 52.7 Km in NE direction; Nearest Highway is NH-7 – 8.0 Km in NW direction and Nearest Railway station is Badanpur Railway Station – 12.80 km in ENE direction.
6	Whether the project is in the Critically Polluted Area (CPA):	No	
7	Cost of the project :	Rs 1.0 Crores	
8	Employment generated/to be generated	75	
9	Benefits of the project	The area surrounding the Mining site is economically backward. The project will give direct employment to 75 persons and indirect employment to another 50 persons. Local people will be preferred for providing job opportunity. Water reservoir created at final closure will also be used for Pisciculture purpose; Source of irrigation in nearby agriculture field; Source of artificial ground water recharge; and It will also attract birds and improve aquatic environment.	
10	Whether new or expansion project . If expansion: i from ..... MT to ..... MT ii What is the % of expansion	It is new mining lease area.	
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006	Not applicable, It is new mining lease area.	
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	Not applicable	
13	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	TOR letter no. No. 136/PS-MS/MPPCB/SEAC-II/M/TOR(67)/2017 Meeting dated 07-02-17	
14	No. and Date of the EC and	Not applicable	

	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)	
15	If the project was considered in EAC, Pl. gives dates of the meeting (s)	Not applicable
16	Type of Mine: (Open cast/Underground/mixed)	Open Cast
17	Capacity of the mine applied for	1,70,000 TPA
18	ML Area i. As per block allotment ii. As per approved mine plan	5.958 Ha 5.958 Ha
19	Date of approval of mine plan, mine closure plan, status & date	Mining plan was approved from IBM - Jabalpur dated 04.11.2015
20	Date of Board's approval	Not applicable
21	Date of Ground water clearance	Not applicable
22	Date of mine closure approval	Mining plan was approved from IBM-Jabalpur dated 04.11.2015
23	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	<b>Water Bodies</b> <ul style="list-style-type: none"> <li>• Tons River -5.0 kmin North Direction</li> <li>• Jarjarar Nala – 1.9 Km in SE Direction</li> <li>• Chakdahi Nala - 6.1 Km in East Direction</li> <li>• Ghasru Nala - 10 Kmin North Direction</li> <li>• Mahanadi River - 12.5 Km in South Direction</li> </ul>

After presentation and discussion, committee aksed PP to submit response on the following:

1. Copy of lease deed for a period of 08/09/1983- 07/09/2003.
2. No production is shown from 2006 for which PP submiotted that mine is not in operation since the year 2006 for which a commitment should be submitted by PP.
3. Total production achieved from 1983 to 2006.
4. Litholog/borelog of any representative borehole in theb ML area should be provided.
5. Details of reserve quantity estimation since inception of the mine.
6. Provision of de-watering of the mine pit and proposal for handling of accumulated sludge within ML area as from the google image it can be seen that huge quantity of water is accumulated in the lease area.

7. In TOR compliance statement it is mentioned that no forest land is involved and on the other hand PP has attached divisional level commissioner's approval for involvement of forest land. Please Justify.
  8. In chapter-3 Table 3.6 of EIA report the values of Ground water quality in GW 06 is shown as 66.78 mg/l while in the annexed analysis report (Annexure 06) the lab report is of 56.78 mg/l and thus need justification for difference.
  9. Similarly, in chapter-3 table 3.6 the maximum and minimum values of total hardness reported for GW 04 between 163 to 252 mg/l. Please justify how in one sample range is reported in the EIA report.
  10. Revised air modeling data because pollution load due to increase in traffic is not considered in the input modeling data and same should be incorporated in the modeling and cumulative incremental load should be provided.
  11. Revised environmental monitoring cell as suggested by the committee.
  12. Layout plan and design for providing the fixed types of sprinklers with budgetary provisions.
  13. Photographs of the mine with pillar co-ordinates.
  14. Revised CSR incorporating NASHA-MUKTI activity in the mine village area.
  15. Revised EMP incorporating the budget for PPEs.
  16. All the Lab analysis report to be submitted i.e surface water, ambient and noise as same are not appended with the EIA report.
  17. Copy of last consent letter of MP Pollution Control Board should be submitted.
  18. Extension letter of lease deed till 2033.
2. **Case No. - 5556/2017 M/s D.B. Infrastructure Pvt. Ltd., 2nd Floor, Dainik Bhaskar 4/54, 55 Press Complex, AB Road, Indore, (M.P.) - 452010 Prior Environment Clearance for "DB Pride" Expansion in Residential Towers, Vill.- Talawali Chanda, Tehsil & Distt.- Indore, (M.P.). For- Building Construction. (EIA CONSULTANT: M/s Creative Enviro Services, Bhopal).**

This is a case of Prior Environment Clearance for Expansion in Residential Towers proposed by M/s D.B. Infrastructure Pvt. Ltd., Village Talawahanda, and Tehsil & Distt. - Indore (M.P.) Total Plot Area – 75060.00 sq.m (7.50 ha.) Net Plot Area -53499 sq.m Total Built Up Area – From 71897.20 sq.m to 246068.96 sq.m for Residential Building and convenient shops, Cat 8(b) Project. The application was forwarded by SEIAA to SEAC for appraisal.

**PROJECT DISCRPTION**

Project Proposal	Environmental Clearance for Proposed Expansion in Residential Complex
Total Plot Area	Total Land Area = 75060.00 sq. m. (7.5060 Hectare) Net Plot : Area = 53499 sq. m.
Total Built up Area	Existing Built Up area : 71897.20 sq mt for 10 towers for 520 MD unit +45 LIG+ 68 EWS Proposed Built Up area = 1,74,171.76 sq mt Total Built Up area : 246068.96 sq mt for 14 towers for 1624 MD unit +98 LIG+ 146 EWS
Location of Project	36/1/3, 36/1/1, 37/2/1, 39/3, 22/3/2/1, 38/2/1, 43, 22/3/1/1, 22/3/1/2, 38/1/1 Village-Talawali Chanda , Tehsil- & Dist Indore (MP)
Occupancy	In possession of Proponent
Geological Location	latitude 22°47'54.8"N and longitude 75°54'28"E
Altitude of the Site	541
Previous EC	8383/SEIAA/2015 Dated- 30.11.2015
Status of Construction	42179 sq mt
Surrounding Features	East-Wide Road, West- Wide Road, North- Wide Road . South-Township

**Salient Features of the Project w.r.t. to existing & proposed scenario:**

Features	Existing	After Expansion
Dwelling Units	633 (520+45+68)	1624 MD unit +98 LIG+ 146 EWS = 1868
Built up Area	71897.20 sq mt	1,74,171.76 sq mt Total Built Up area : 246068.96 sq mt
Number of Floors	1Basement+ Stilt + 10 floors	1Basement+ Stilt + 14 floors
Number of Towers	10	16

Height of Building	30 mtrs	45 mtrs
Total Water Requirement	672 KLD	1551 KLD
Total Waste Water Generation	416	1088 KLD
Total Fresh Water Requirement	316 KLD	824 KLD
Power Requirement	2259 KW	5588 KW
Backup Power facility	2 X 500 KVA – DG Set	2 X 500 KVA – DG Set
Solid Waste	1692 kg/day	3290 KG per Day
Basement + Multi level + Open Parking	857 ECS	Total Parking area = 41614.93 Sq.mt.1578 sq mt (covered ) + 282 sq mt ( surface) + 15607 sq mt ( Stilt) = 1860 car park
Land Scape Area	8500.17 sq mt	9127.22 sq mt
ROW	16	16
Width of internal roads	6 mt	6 mt
Width of approach roads	30 mt	30 mt

**AREA STATEMENT FOR THE PROJECT**

Total Plot Area	75060 – 14401 (Future) = 60659 Sqm
Less Plot Area under coordination Road	7160 Sqm
Net Plot Area	53499 Sqm
Permissible Ground Coverage	30% (16049.70 Sqm)
Proposed F.A.R. Ground Coverage	15607.5 Sqm (Ground Coverage)
Permissible F.A.R. (1.00 Of C)	2.0
Proposed F.A.R.	2.0
Area Of L.I.G. Flats (10% Of G)	98 Units
Open Area Permissible (Min.) 10% Open Area Proposed	5349.9 Sqm 12382 Sqm + Green 9127.22
Permissible Height	45

Road & Circulation	15803 Sqm
Width of Internal Road	6
Width of approach road	30
Front MoS	15
Rear MoS	7.5
Height of Building	45
Number of block	16
Total Built Up area	220061.03 Sqm + 26007.93 Sqm (Basement) = 2,46,068.96 Sqm
Stilt Parking Space	15607 Sqm
Total Area of parking	41614.93 Sqm (Covered)
Height of each block	21mtr EWS, 13.2 mtr Club and 45 mtr rest of all
Number of flats	1624 Nos, 98 LIG & 146 Ews
Number of commercials	4 Nos

Earlier this case was discussed in 291<sup>st</sup> SEAC meeting dated 30/05/2017, wherein it was submitted that it's an expansion project and PP has obtained EC for the earlier project. Following submissions regarding expansion project were made by the PP:

#### **Water Requirement:**

CGWA has provided permission for withdrawal of ground water of 440 KLD and in any case further requirement of water shall be fulfilled by the IMC water supply. The establishment of minimum standards of quality for public water supply is of fundamental importance in achieving this objective. The wastage of water shall be minimized by a combination of water saving devices and other domestic water conservation measures.

#### **Wastewater Management:**

- Considering the expansion of the project, water requirement shall increase from 672 KLD to 1551 KLD. Out of which 990 cum of treated effluent will be used for flushing, green belt development and other purposes.
- The expected sewage generation will be approx. 1100 KLD from township. Wastewater collection and conveyance system shall be an underground drainage network that is designed to collect wastewater from the entire complex and convey at Sewage Treatment Plant. Soil waste from water closets and urinals etc. will be collected by



horizontal and vertical soil pipes and discharged directly to the manholes. Waste water from wash basins, sinks, and from other waste fixtures shall be collected separately by waste pipes and be discharged through gully traps into the manhole of the external sewerage system. The waste water from the kitchens of the food court, kitchens, pub, restaurants etc. will be taken to grease traps before connection to the manholes. These grease traps will be provided by the occupiers.

- The external sewerage system shall be running around the building periphery having manholes in front of each shaft. The main sewer line will carry the whole sewage by gravity up to the Sewage Treatment Plant.
- Reduction on water consumption by using latest approved water conservative sanitary fixtures & fittings as per GRIHA guidelines.
- 100% recycling of waste water.
- Dual piping system for domestic & flushing.
- Total rain water harvesting in campus for recharging and reuse.
- Hot water generation through solar system for energy savings.
- To recycle and re-use the products as maximum as possible, eg. Recharging the underground water sources etc.
- To have proper & easy operation & maintenance system which could be controlled centrally & as per requirement with the latest automation techniques.
- To create minimum nuisance and disturbance to the environment.
- Use of natural terrain for flow to make the systems energy efficient, by locating sewage treatment plant at lowest site level and water supply reservoir at highest level.
- Adoption of international / national standards, MoEF guidelines / international references and practically good engineering practices.
- Reliable fire fighting system as per approved statutory requirements.

It being a case of building construction where total built-up area is 2,46,068.96 Sqm, committee recommended to issue standard TOR in the 291<sup>st</sup> SEAC meeting dated 30.05.2017 prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Compliance report of earlier EC conditions endorsed by MoEF&CC.
2. Soil testing reports and geological load bearing test should be discussed in the EIA report.
3. Justify in EIA report that how the existing foundations can bear the load of 45 meters high buildings.
4. Justify in EIA report regarding enhancement in area from 71,879.20 sq. meter to 2,46,068.96 sq. meter w.r.t. number of new blocks proposed and floors.

5. A natural drain is in close proximity of the project on the northern side. Proposed suitable protective measures for this natural drain should be discussed in the EIA report.
6. Detailed green belt development plan w.r.t. existing and proposed expansion should be provided with EIA report.

PP has submitted the EIA report vide letter dated 18/12/2017, which was forwarded by the SEIAA vide letter no. 1462 dated 04/01/18.

PP and his consultant presented the EIA, which included salient features of the project, baseline data and the proposed EMP before the committee:

<b>Project Configuration</b>						
<b>Sr. No.</b>	<b>Description</b>	<b>No of tower</b>	<b>No of floor</b>	<b>Flats per floor</b>	<b>Total flats</b>	<b>Population / Unit</b>
			No.	No.	No.	Persons
<b>PHASE -I</b>						
	BLOCK A2					
1	3BHK	1	14	8	112	560
	BLOCK A3	-				
2	3BHK	1	14	8	112	560
3	BLOCK B	-				
	2 BHK	1	14	32	448	2240
4	BLOCK C	-				
	2.5 BHK	1	14	24	336	1680
5	BLOCK F	-				
	3BHK	1	14	8	112	560
6	BLOCK G					
	2 BHK	1	14	8	112	560
	TOTAL					6160
<b>PHASE -II</b>						
1	BLOCK D	-				
	2 BHK	1	14	12	168	672
	1 BHK	1	14	4	56	224
2	BLOCK E					

	2 BHK	1	14	8	112	448
	1 BHK	1	14	4	56	224
		-				
3	LIG	1	12	8	98	384
4	EWS	1	7.50	20	146	600
	TOTAL				1870	2552
	VISITORS 10%				1	870
	Total					9582

Existing Parking Details			
S.No.	Description	Parking area	No. of ECS
1.	Surface parking @25 sq. m.	8775.00 Sq. m	351
2.	Stilt Parking @30 sq. m.	6720.00 Sq. m	224
3.	Basement parking @35 sq. m.	9870.00Sq. m	282
	Total No. of ECS		857 ECS

Proposed Parking Details	
Stilt Parking Space	15607 Sqm
Area of parking	41614.93 Sqm (Covered)
Number of vehicle to be parked	1578 (Covered) + 282 (Surface) = 1860 Car park

Water Balance For Previous Configuration-								
S. No.	Particulars	Expected Population	Base Calculation (in lpcd)	Recycled Treated Water		Fresh Water		Total Water Consumption (KLD)
				Flushing (KLD)	Other (KLD)	Domestic (KLD)	Other (KLD)	
1.	Dwelling Unit (633 Unit)	3165 @5 persons/Per flat	135 lpcd	142.42	-	284.85	-	427.27
2.	Visitors	317 10% of the total residential population	45 lpcd	9.51	-	4.75	-	14.26
3.	Club House	756	45 lpcd	22.68	-	11.34	-	34.02
4.	Swimming Pool			-	-	-	15.00	15.00

5.	Green Area (18500.17 sq. m.)	--	@ 6 lit./ sq. m.	-	51.00	-	-	51.00
6.	HVAC Cooling			-	-	-	70.00	70.00
	Total	4238 (3165+1073)		174.61 say 175 KLD	51.00 KLD	300.94 say 301 KLD	85.00 KLD	612 KLD
				225 KLD		386 KLD		

S.No.	Description	No of tower	No of floor	Flats per floor	Total flats	Population / Unit	Solid Waste generation Basis	Total Solid Waste generation
			No.	No.	No.	Persons	Kg./P/D	Kg./D
Phase -I								
	BLOCK A2							
1	3BHK	1	14	8	112	5	0.35	196
	BLOCK A3							
2	3BHK	1	14	8	112	5	0.35	196
3	BLOCK B							
	2 BHK	1	14	32	448	5	0.35	784
4	BLOCK C							
	2.5 BHK	1	14	24	336	5	0.35	588
5	BLOCK F							
	3BHK	1	14	8	112	5	0.35	196
6	BLOCK G							
	2 BHK	1	14	8	112	5	0.35	196
-	TOTAL	-	-	-	-	-		2156

Phase -II								
1	BLOCK D							
	2 BHK	1	14	12	168	4	0.35	189
	1 BHK	1	14	4	56	4	0.35	189
2	BLOCK E							
	2 BHK	1	14	8	112	4	0.35	189
	1 BHK	1	14	4	56	4	0.35	189
3	LIG	1	12	8	96	4	0.35	189

4	EWS	1	7.5	20	150	4	0.35	189
	VISITORS 10%				1	255		
								1134
	Total							3290 Kg/Day

**Capital COST OF EMP**

S.No.	PARAMETERS	COST (Rs. in Lakh)
1	Sewage treatment plant	150
2	Rain water harvesting system	50
3	Solid waste collection bins and disposal system	15
4	Green belt	70
5	Others (environmental clearance, expert advice, environmental monitoring, etc.)	20
6	For energy saving components	500
	<b>GRAND TOTAL</b>	<b>805</b>

**RECURRING COST OF EMP**

S.No.	Particulars	Approx Annual Recurring Cost (Rs. In Lakhs)
I.	STP (Including Electricity Cost)	12.00
ii.	Solid Waste Management	40.00
iii.	Environmental Monitoring	05.35
iv.	Green Belt	10.00
V.	For Energy Saving Components	20.00
	<b>Total</b>	<b>87.35</b>

PP and their consultant stated that CGWA has provided permission for withdrawal of ground water of 440 KLD and further requirement of water shall be fulfilled by the IMC. The total water requirement of the existing project is 612 KLD and after expansion cumulative requirement will be 1953 KLD. The fresh water will be required for existing and expanded project will be 1125 KLD. The recycled water demand will be 225 and 517 KLD for existing and proposed project. The waste water generated during the operation phase will be 416 KLD + 1100 KLD = 1516 KLD which will be treated in STP. The treated water (374 KLD + 990 KLD) will be used for flushing (175KLD+ 441 KLD), horticulture (51+52+24 KLD) and excess treated water (149 KLD + 474 KLD) drain to municipal sewer

line/Watering of Municipal road side Green Area. PP further submitted that for this project gold rating certificate is issued by IGBC (Indian Green Building Council) and they have also submitted the verified compliance report of earlier EC conditions issued by MoEF&CC wherein the compliance found satisfactory.

After deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC subject to the following special conditions:

**(A) PRE-CONSTRUCTION PHASE**

1. Curtaining of site should also be carried out to protect nearby habitat.
2. Minimum fourteen rain water harvesting plots should be provided.
3. For dust suppression, regular sprinkling of water should be undertaken.
4. PP will obtain other necessary clearances/NOC from respective authorities.
5. Provisions shall be made for the housing of construction labour within the site ( if required) with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

**(B) CONSTRUCTION PHASE**

6. During construction phase, the entire area should be covered with 10 feet MS sheets and due care should be taken for noise and vibration control during construction work.
7. During construction phase, a settling tank should be provided before final discharge of the effluent.
8. PPE's such as helmet, ear muffs etc should be provide to the workers.
9. Fire extinguishers should be provided on site during construction period.
10. Properly tuned construction machinery and good condition vehicles (low noise generating and having PUC certificate) should be used.
11. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
12. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 4155 no's of trees will be planted around periphery,

nallah side, roads and open area. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

13. MSW storage area should have 48 hours storage capacity and MSW should be disposed off at a designated place in consultation with the local authority.
14. PP has proposed 10 number rain water harvesting pits (size 3.5mx4mx), however committee has directed to provide 14 number of harvesting pit with each block and their design should be based on recharge rate study.
15. LED should be preferred over of tube lights/CFL.
16. Provision for physically challenged persons is made so that they easily excess pathway/derive way for their vehicles.
17. PP should explore the possibility of providing solar street light during construction stage.
18. Waste oil generated from the DG sets (if any) should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.

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

19. Fresh water requirement for the project shall not exceed 1125 KLD.
20. As proposed, the waste water will be shall be treated in STP giving tertiary system and will be reused for flushing system, dust suppression, watering at green belt area and only excess treated water shall be discharged in municipal drains for which necessary sewage discharge approval is obtained by them form the municipal corporation.
21. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
22. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
23. PP shall explore the possibility for provision of bio- toilet for the common area like club house etc.
24. As submitted, pp shall adopt energy conservation measures and shall provide solar water heating system and external solar street light to conserve the energy.
25. PP shall provide DG set with enclosure and of adequate capacity for emergency services within the site. Waste oil generated from the DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.

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

26. PP has proposed Rs. 70.00 lacks for green belt development as capital cost and Rs. 10.00 lacks/year for recurring expenses in the proposed EMP of this project.
27. PP has proposed Rs 805 lacks for execution of environment management plan ( inclusive of green belt development ) as capital cost and Rs. 87.35 lacks/year as recurring expenses (inclusive of green belt development ) in the proposed EMP of this project which shall be complied therewith
28. As proposed, the green belt development / plantation activities at area of 12573 sq mt with 4155 nos of plants should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
29. The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016, Plastic Waste Management Rules 2016, e-waste (Management) Rules, 2016, Construction and Demolition Waste Management Rules, 2016 and Solid Waste Management Rules, 2016 etc.
30. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
31. The environment clearance is super seed to the previous environment clearance issued vide letter no. 8383/SEIAA/2015 dated 30.11.2015. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**3. Case No. - 5566/2017 M/s Devis Surgico, 3, Giriraj Market, Lohiya Bazar, Lashkar, Gwalior, (M.P.) – 474009 Prior Environment Clearance for Common Bio Medical Waste Treatment Facility through 100 kg per hour rotary kiln based bio medical incineration project at Khasra no. 1331/2, Village - Aatari, Distt. - Gwalior, (M.P.) Cat. 7(da) Project. EIA CONSULTANT: M/s Visiontek Consultancy Services, Pvt. Ltd. Bhubaneshwar, Orisha.**

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 14<sup>th</sup> September, 2006 and its subsequent amendments dated 17<sup>th</sup> April 2015, under Bio- Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.



Earlier this case was discussed in 292<sup>nd</sup> SEAC-II meeting dated 16/06/2017 wherein PP submitted that this will be a new facility which will be developed. At present PP is running a facility in Gajra medical Collage, Gwalior and some equipment and machineries will be used in this facility. After deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:

- a. In EIA report PP should provide the details of equipment and machineries which will be relocated and used at the new site.
- b. Detailed layout plan of the site should be discussed in the EIA report.
- c. Storage plan for different kind of waste should be discussed in the EIA report.
- d. PP should also provide the details of any waste material stored in the existing plant premises and their proposed disposal.
- e. In case PP intends to use ground water, permission of CGWB should be obtained in accordance with the prevailing rules.
- f. Facility should be developed in accordance with the provisions made in the Bio-Medical Waste Management Rules, 2016 published by GOI and Guidelines published by CPCB for Common Bio-medical Waste Treatment Facilities.
- g. Justify in EIA report, how unit will remain zero discharge.
- h. Disposal plan of autoclaved material should be discussed in the EIA report.
- i. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.

PP has submitted the EIA report vide letter dated 27/12/2017, which was forwarded by the SEIAA vide letter no. 1460 dated 04/01/2018

PP and his consultant presented the salient features of the project, EIA, baseline data and the proposed EMP before the committee:

### Project at Glance

Site Address	Khasara No. -1331/2 Village- Aantari, Tehsil – Chinor Dist.- Gwalior (P)
Proposed project	Treatment of 100 kg per hour rotary kiln based bio medical incineration project: 1. Rotary Kiln – 01 - 100 kg per hr 2. Autoclave - 01+01 - 0.25 m <sup>3</sup> 3. Shredder - 01+01 - 50 kg per hour 4. Effluent Treatment Plant - 01 - 05 KLD
Existing project	CBWTF facility with autoclave, shredder, etc
Cost of Project	Rs 2.05 Crore

Net fresh Water Requirement	3.0 KLD
Power Requirement	80 HP which will be sourced through Madhya Pradesh Vidyut Vitaran Company Ltd .
Capital Cost for Environmental Measures (proposed )	30.60Lacs
Recurring cost for environmental management etc (Proposed )	7.50 Lacs
Existing area of plantation	Nil
Alternative Source of Power	DG set of 25 KVA
Land acquired	0.5230 Ha
Proposed area for plantation	Total 33% area i.e. 1725 sq mt shall be dedicated for the green belt. Green belt will be developed according to CPCB/PCB guidelines
Direct employment generation	35-40 no.

- No ecologically protected area or archeologically protected site or other environmental sensitivity has been reported within 10 km radius of the site. Industry has obtained NOC in this regard from DFO
- No interstate boundary is lying within 10 km radius from the site.

**The total fresh water requirement.**

<b>Water Balance for proposed unit</b>		
<b>Heads</b>	<b>Water Consumption</b>	<b>Waste Water Generation</b>
Unit	Proposed	Proposed
Incineration	1000 ltr	300 ltr
Floor washing	900 ltr	750 ltr
Vehicle washing	1000 ltr	900 ltr
Steam Generation	100 ltr	Nil
Green Belt	500 ltr	Nil
Others	1000 ltr	500 ltr
<b>Total</b>	<b>4500 ltr/5 KLD</b>	<b>2450 ltr</b>

**Proposed Greenbelt Development**

<b>Year</b>	<b>Area ( Sq mt )</b>	<b>Number of Plants</b>
Existing	Nil	Nil
1 <sup>st</sup> Year	1725	500
<b>Total</b>	<b>1725</b>	<b>500</b>

**Socio Economic Environment**

S. no	Need Identified For CSR Plan	Activities	Duration	Budgetary Provision (Rs.) Per Annum
1	Ensuring Safe drinking water and Healthy Sanitation Practices	For ensuring this Awareness generation campaign, wall writing, village level theme camps. Promoting villagers to construct toilets to stop open defecation. Provision of supply of drinking water to the nearby villages.	Yearly	30,000/-
2	Medical camps at nearby villages	At nearby villages	Yearly	22,000/-
			<b>Total</b>	<b>52,000/-</b>

**ENVIRONMENTAL MONITORING PLAN**

Segment	Plan	Action Plan	Budget allocation per Annum
Air Environment	Monitoring of Environmental parameters of AAQM (Instruments) & Monitoring of stack emission	Continuous On line system for stack monitoring Quarterly AAQM monitoring	Rs. 25 Lacs (capital cost) Rs 3.36 Lacs (Recurring @ Rs 7000/- per sample for AAQM) @ Rs 24,000 for maintenance of on line system
Water Environment	Monitoring of ground water Monitoring of Surface water courses (River) Monitoring of treated effluent	(Pre and post Monsoon ) (Pre and post Monsoon ) Monthly Quarterly	Rs. 1.0 Lacs (recurring @ Rs 8000 per smaple for G/w & S/w Samples) Rs. 0.25 Lacs (recurring @ Rs 5000 per sample for treated water Samples)
Noise Environment	Monitoring of noise prone location	Quarterly	Rs 0.30 Lacs (recurring)
Soil Environment	Monitoring of soil quality of nearby locations	Yearly	Rs 0.20 Lacs (recurring)
Water Table Monitoring	-	-	Rs 0.25 Lacs (recurring)
<b>TOTAL Environmental Monitoring)</b>	-	-	<b>Rs 25 Lacs (Capital) Rs 7.50 Lacs (recurring)</b>

Segment	Plan	Action Plan	Budget allocation per Annum ( Approx)
OHS Aspects	Regular Health check up of employees Personnel Protective equipments etc	Once in year	Recurring Cost : Rs 0.50 Lacs
Green Belt development Cost		(Pre and post Mansoon) for 05 years	Capital Cost : Rs 0.50 Recurring cost-Rs 0.20
Fund for CSR Activities	-	Regular	Rs 2.5 % of project cost = Rs 205 Lacs (Total CSR cost : 5.125 Lacs) Rs 51,250 @ 52000 per annum for 10 years

**Total budget**

Sn	Particulars	Capital Approximate Cost (Rs Lacs)	Recurring cost Rs in Lacs
1	Air Pollution Control Systems Scrubber, spray drier, etc. online stack monitoring	25.00	3.60
2	Effluent treatment plant and soak pit etc, pizometer installation & Water sampling and analysis	13.00	1.80
3	Odour Management	02.00	0.20
4	Noise Control (Acoustique enclosures etc.)	02.00	0.30
5	Green Belt dévèlloppent	6.10	0.20
6	Soil	-	0.20
6	Occupationnel Heath Management	2.00	0.50
7	Laboratory	3.50	0.20
8	Miscellaneous	2.00	0.50
	<b>Total</b>	<b>30.60</b>	<b>7.50</b>
	<b>Total Cost Pertaining To Environmental Aspects</b>		
	Environmental Protection	30.60	7.50
	CSR		52,000

During presentation it was informed by the PP that they are at present already collecting the BMW and treating the same in CBWTF for the area of Lashkar, Morar, Old Gwalior, Dabra, Datia, Bhind Morena and Distt. Primary & Community health Center. As per the available data total 4850 number beds are available with 356 registered members at GMC Gwalior. From this HCF, total 885 kg per day waste is being generated, therfeore incinerator of 100 kg per hr is proposed. It is proposed to cover Datia (Bhander, Behat, Lahar, Daboh, Alampur), Morena (Sabalgarh, Jaura, Kailarash, Noorabad, Banmore, Baghcheeni, Ambah, Sihoniya, Porsha, Pahadgarh, Sumavali Proposed Rural area), Bhind (Ater, Mehgaun, Gohad,

Malanpur, Gormi, Phoop and other rural area) in future. It is also informed that no other operator of CBWTF is working / operating in the area of 75 km radius at present. During presentation committee asked to justified reason for proposing 35 mtrs height of incinerator stack for which PP informed that as per CPCB norms, the stack height should be minimum 9.5 meters but for better dispersion of treated gases they have proposed 35 meters stack height which also fulfills the criteria prescribed by CPCB guidelines for CBWTF. PP further submitted that ventury scrubber, Bag filter, droplet separator is proposed as APCD to control the emission as per standard given in the BMW Act, 2016 and guideline issued by the CPCB. It was further submitted by the PP that considering the available quantity of waste and route map as proposed, total 08 vehicles are required for collection of waste from various locations for which committee suggested that 02 more additional vehicles shall be kept as standby to meet out the breakdown / maintenance and wear /tear problems. The layout of the proposed facility was also discussed in length and it was submitted by PP that for easy movement of vehicles they have provided separate entry and exit gates. The proposed layout is in line with the requirement of operation i.e. from unloading to till disposal points and all the units of operation were marked clearly with dimensions details. PP submitted that to comply with the guideline of CPCB with respect to disposal of ash an agreement shall be made with the CTSD of MP. The quantity of ash is reported as 4 to5% of the incinerable waste. PP further submitted that to comply with the guideline of CPCB, the CBWTF facility of Sagar shall be used in case of any long break down of incinerator which is also owned / operated by the proponent and is approx. 350 km away from the proposed site of Antri. PP also informed that the point wise compliances of guideline of CPCB with respect of location criteria( distance from the sensitive receptors) , adequacy of land ( more than as required under guideline ) specification of incinerator ( double chambered with APCD system) , post operational monitoring protocol, proposal of on line monitoring system etc. has been discussed in the EIA report.

After presentation and deliberation, committee asked PP to submit following information:

- Revised green belt plan as suggested by the committee.
- Revised hazardous waste management plan incorporating the ACF waste resin.
- Revised EMP budget incorporating the provisions for occupational health.

PP has submitted the above information on dated 16.01.2018 and which were found to be satisfactory. The EIA/EMP was presented by the PP and their consultant 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 for proposed Development of Common Bio Medical Waste Treatment Facilities, at Khasra No. 1331/2 Village – Aantari, Tehsil –

Chinor, District- Gwalior (M.P.) in a land of about 0.5230 ha of area , subject to the following special conditions:

1. The EC shall be valid for establishing an Integrated Common Bio Medical Waste Treatment and Disposal Facility with treatment capacity of 100 kg per hours at Antri Village, Gwalior District, Madhya Pradesh alongwith Rotary Kiln -01(100 kg per hour capacity), Autoclave- 01+01(0.25 m<sup>3</sup> capacity) and Shredder- 01+01(50 kg per hour capacity) with other facilities as perposed in the EIA report.

**(A) PRE-CONSTRUCTION PHASE**

2. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
3. For dust suppression, regular sprinkling of water should be undertaken.
4. The entire area should be covered with 03 meters MS sheets and due care should be taken for noise and vibration control during demolition work.
5. PP will obtain other necessary clearances/NOC from respective authorities.
6. Provisions shall be made for the housing of construction/plant erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

**(B) CONSTRUCTION PHASE**

7. PPE's such as helmet, ear muffs etc should be provide to the workers.
8. Fire extinguishers should be provided on site during construction period.
9. Black carpet road should be provided to reduce dust suppression.
10. All vehicles carrying raw material should be covered with tarpaulin and unloading/loading activities should be stopped during windy period.
11. During construction phase, a settling tank should be provided and settled water should be reused for construction purpose.
12. Properly tuned construction machinery and good condition vehicles (low noise generating and having PUC certificate) should be used.
13. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
14. Peripheral plantation inclusive of avenue and sugandit plantaion at all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP 1725 sq mt of area will be

developed as green belt. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

15. LED should be preferred over of tube lights/CFL.
16. Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
17. PP should explore the possibility of providing solar street light.
18. Waste oil generated from the DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.

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

19. Fresh water requirement for the project shall not exceed 4.5 KLD.
20. Land use breakup details as proposed by PP for this facility are as follows:

<b>Land use Break-Up for proposed unit</b>	
<b>Particulars</b>	<b>Total Area (Sq. mt.)</b>
Plant and Machinerics	586
Office and administration	200
Waste storage area	80
Fuel storage area	77
Road	150
Green belt area	1725
<b>Sub Total</b>	<b>2818 Sq.mt.</b>
Open Land	2412
<b>Total Land</b>	<b>5230 Sq.mt.</b>

21. As proposed, the domestic waste water shall be treated in septic tank and soak pit system whereas industrial waste water shall be treated in ETP of 05 KLD with provision of tertiary system. Recycling of treated water shall be ensured to maintain zero discharge conditions.
22. No effluent from the facility shall be discharged outside the premises and Zero discharge shall be maintained. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
23. Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. The ground water quality monitoring shall be monitored as per the MPPCB norms. Sampling and trend analysis

- monitoring must be made on monthly basis and report submitted to the Ministry's Regional Office at Bhopal and MPPCB.
24. On line continuous monitoring system shall also be installed to monitor the stack emission and data connectivity must be provided to the MPPCB's server for remote operations.
  25. The height of the stack shall be not less than 35 mtrs.
  26. Only low Sulphur fuel like Light Diesel Oil or Low Sulphur Heavy Stock or Diesel, Compressed Natural Gas, Liquefied Natural Gas or Liquefied Petroleum Gas shall be used as fuel in the incinerator.
  27. Monitoring of the stack gaseous emissions (under optimum capacity of the incinerator) will be done once in three months through a laboratory approved under the EPA, 1986 /NABL and record of such analysis results shall be maintained and submitted to the prescribed authority. In case of dioxins and furans, monitoring will be done once in a year.
  28. Ventury scrubber with mist eliminator, Bag Filter, Multicyclone and dust collector shall be provided as air pollution control equipment.
  29. Combustion gas analyzer to measure CO<sub>2</sub>, CO and O<sub>2</sub> should be installed.
  30. Internal roads will be concreted / asphalted to reduce dust emissions.
  31. Spraying of "Ecosorb" should be performed on regular intervals to avoid any odour nuisance.
  32. Magnetic flow meters shall be provided at the inlet/outlet of water supply point and records for the same shall be maintained and submitted to MPPCB regularly.
  33. The PP should comply with the provisions made in Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016.
  34. Dedicated parking facility for unloading of materials/wastes shall be provided in the facility premises. PP shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.
  35. PP shall ensure that 02 additional vehicle shall be available all the time in addition to the require number of vehicle for collection and transportation of bio medical waste.
  36. PP shall ensure that bio medical waste shall be treated completely within 48 hrs from the time of collection. All conditions and guideline lay down by CPCB and BMW Act, 2016 shall be complied.
  37. No hazardous waste should be disposed off in this facility.
  38. As proposed, 1725 sq mt of the project area shall be developed as green belt within plant premises with at least 5 meter wide green belt on all sides along the periphery of the project area and along road sides etc. Selection of plant species shall be as per the CPCB guidelines and in consultation with the DFO.
  39. All the commitments made in the Public Hearing shall be implemented by PP.



40. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
41. In case of power failure, stand by D.G. Set/s having power generation capacity equivalent to the requirement of power to run the facility shall be installed, so that the facility shall always be operated round the clock even in case of power failure.
42. The overall noise level in and around the facility area and D.G. Set shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.
43. For avoiding vehicle congestion /traffic jam within facility premises or outside road proper turning and parking space be provided. Also all internal roads shall be made pucca/bituminous top to avoid fugitive emissions.
44. All recommendations and pollution mitigative measures proposed in the EMP shall be binding for the project authorities.
45. Pucca flooring / impervious layer shall be provided in the work areas, chemical/waste oil storage areas and chemical handling areas to minimize soil contamination.
46. Good housekeeping shall be maintained within the facility premises. All pipes, valves and drains shall be leak proof. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly. Floor washing shall be admitted in to the effluent collection system for subsequent treatment and disposal.
47. The storm water drains shall be kept separate and shall remain dry throughout the year except monsoon.

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

48. PP has proposed Rs. 30.60 lacks for enviornmentl monitoring and management inclusive of green belt development and Rs. 7.50 lacks/year for recurring expenses in the proposed EMP of this project.
49. Under CSR activity, Rs. 0.52 lacks are proposed for the next 10 years in different activities and should be implemented through respective committees.
50. The environmental policy with Environmental Management Cell as per MoEF guideline will be prepared by PP and the with suitably qualified staff for implementation of the stipulated environmental safeguards and for monitoring functions shall be setup under the control of the Chief Executive of the company.
51. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.

52. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
53. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
54. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**4. Case No. - 5624/2017 M/s Shrikrishnadas Tikaram, Civil Lines, P.O. & District - Katni, MP – 483501 Prior Environment Clearance for Bauxite, Limestone & Fireclay Mine in an area of 4.12 Ha.. (25,000 ton per annum) (Khasra no. P 266, 267, 268, 269, P 270, P 271, P 272, 273) at Village- Argat, Tehsil - Ram Nagar, Dist. Satna (MP).**

This is case of Bauxite, Limestone & Fireclay Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no.P 266, 267, 268, 269, P 270, P 271, P 272, 273) at Village- Argat, Tehsil - Ram Nagar, Dist. Satna (MP) 4.12 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. 1438 dated 03/01/2018.

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

1	Name of the project & its location	Argat Bauxite, Limestone & Fire Clay Mine Village- Argat ,Tehsil- Ramnagar, District- Satna,State-Madhya Pradesh	
2	Name of the Company, Address Tele No. & E-mail :	<b>M/s. ShriKrishnadas Tikaram</b> Civil Lines, P.O. & District - Katni (M.P.) PIN Code – 483501 Phone No. – 07622 - 230076 e-mail - sktr09@yahoo.com	
3	Latitude and Longitude of the project	<b>Argat Bauxite, Limestone &amp; Fire Clay Mine</b>	
		<b>Latitude</b>	24°16'55.9" to 24°17'01.3" N
		<b>Longitude</b>	81°14'17.3" to 81°14'29.1" E
4	If a Joint venture, the names & addresses of the JV partners including their share	Not applicable	
5	Project brief: nature of proposal (new/expansion,) total area- land use, project	Nature of proposal	New
		Total area- land use	4.12 ha. Waste Land

	components, connectivity to the site etc.	Project components	<ul style="list-style-type: none"> <li>• Highest elevation - 333 m R.L. towards west</li> <li>• Lowest elevation - 329m R.L. in south east direction.</li> </ul>
		Connectivity	The lease area is approachable from district headquarter Satna and Rewa. Nearest Airport is Khajuraho Airport - 146 Km in NW direction; Nearest Highway is Jigna road – 0.90 Km in SW direction and Nearest Railway station is Rewa Railway Station – 28.5 km in North direction.
6	Whether the project is in the Critically Polluted Area (CPA):	No	
7	Cost of the project :	Rs 1.0 Crores	
8	Employment generated/to be generated	25	
9	Benefits of the project	The mineral Bauxite a notified mineral is found localized and a major raw material for production of Aluminum, High Alumina Bricks & cement. The occurrence is site specific. The project will be a source of supply of refractory Plant. The fire clay will also be supplied to cement plants. It will not only provide employment to local populace but also benefit to the State in the form of Royalty and fund in district mineral foundation for use in CSR activity and development of the project located district. Limestone will be used in cement plants.	
10	Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii What is the % of expansion	It is new case for EC as the mining lease area is less than 5 ha.	
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006	Not applicable.	
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	Not applicable	
13	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	Not applicable	
14	No. and Date of the EC and the revised EC letter issued by	Not applicable	

	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)	Not applicable
16	Type of Mine: (Open cast/Underground/mixed)	Open Cast
17	Capacity of the mine applied for	25,000 TPA
18	ML Area iii. As per block allotment iv. As per approved mine plan	4.12 Ha 4.12 Ha
19	Date of approval of mine plan, mine closure plan, status & date	Mining plan was approved from IBM - Jabalpur dated 24.12.2014
20	Date of Board's approval	Not applicable
21	Date of Ground water clearance	Not applicable
22	Date of mine closure approval	Mining plan was approved from IBM-Jabalpur dated 24.12.2014
23	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	<p><b>Water Bodies</b></p> <ul style="list-style-type: none"> <li>• Bansagar Lake- 4.4 km in SW</li> <li>• Son River – 11.2 km in SES</li> <li>• Garaha Nala – 12.1 km in SW</li> <li>• Nagaura Nala – 13.6 km in SW</li> <li>• Rajaji Nala – 4.8 km in WSW</li> <li>• Samdhin Nadi- 14.7 kmin SES</li> <li>• Sughara Nala – 5.9 kmin SE</li> <li>• Marhawal Nala- 1.3 km in SE</li> <li>• Bhamara Nala – 13.5 km in NE</li> <li>• Saiphan Nala – 12.1 kmin NE</li> <li>• Murjua Nadi – 6.0 km in North</li> <li>• Bihar Nadi – 12.8 km in NWN</li> <li>• Jamuniha Nala – 10.3 km in NW</li> <li>• Palarh Nala – 11.0 km in NW</li> <li>• Jhalmal Nala- 11.2 km in NW</li> </ul>

It being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. During monitoring activities, appropriate photographs with date should be taken by

and submitted along with the EIA Report.

2. Compliance of consent conditions of the MP Pollution Control Board should be obtained from concerned Regional Officer.
3. Top soil management plan be discussed in the EIA report.
4. Ground water recharge study of the nearby area be carried out by the PP and same should be discussed in the EIA report.
5. Inventory of operating / proposed mines within 2 Km around the said mine should be provided in the EIA report.
6. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
7. Any alternate route avoiding the nearby habitations (if any).
8. Land use plan should be plotted on the map.
9. Dewatering plan should be addressed in the EIA report.
10. Inventory of all existing trees within the lease area to be provided within EIA report.
11. Detailed mine-out capacity of ore i.e Bauxite, Limestone, and Fire-clay should be clearly mentioned in the EIA report.
12. 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.
13. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
14. 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.
15. 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.
16. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.

**5. Case No. - 5622/2017 M/s Central Public Works Department (CPWD), Indore Central Division - I, C.I.A. Building, Near GPO, Residency Area, Indore, MP – 452001 Prior Environment Clearance for Proposed Residential Construction Project (Total Plot Area = 49,075 sqm, Gross Built Up Area – 28,009 sqm) at Group Centre Central Reserve Police Force, Neemuch, MP**

This is case of Proposed Residential Construction Project (Total Plot Area = 49,075 sqm, Gross Built Up Area – 28,009 sqm) at Group Centre Central Reserve Police Force, Neemuch,

MP. Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site. PP has submitted application forwarded by the SEIAA vide letter no. 1416 dated 21/12/2017.

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

Sr. No.	Particulars	Details
1.	Name of the project & its location:	Residential Construction Project Centre Central Reserve Police Force (CRPF), Group Center, Neemuch (M.P.)
2.	Name of the Company, Address Tele No. & E-mail :	Central Public Works Department CPWD), Indore, Central Division - I, C.I.A. Building, Near, GPO, Residency Area, Indore, MP – 45200, 0731-2700966, 2710929 eeicd1@yahoo.in, eecpwdicd1@gmail.com
3.	Latitude and Longitude of the project.	Latitude: 24°28'33.6"N Longitude: 74°51'04.5"E Elevation: 501 MSL
4.	If a Joint venture, the names & addresses of the JV partners including their share.	Not Applicable
5.	Project brief: nature of proposal (new/expansion) total area- land use, project components, connectivity to the site etc	Category: 8(a) Building & Construction Project Plot Area: 49,075.0 Sq. m Land Use: Residential Purpose Connectivity: <ul style="list-style-type: none"> <li>• Nearest Railway Station: Neemuch Railway Station, 2.0 Km</li> <li>• Nearest Airport: Neemuch Air Strip, 3.8 Km Udaipur Airport, 109 Km</li> </ul>
6.	Cost of the project.	44.76 Crore
7.	Whether the project is in Critically Polluted area.	No
8.	If the project is for EC under EIA	Category: 8 (a) Building & Construction

	Notification, 2006	Project.
9.	<p>a) For the first time appraisal by EAC</p> <p>i) Date of ToR:</p> <p>ii) Date of Public Hearing, location</p> <p>iii) Major issues raised during PH and response of PP.</p> <p>b) Second appraisal</p> <p>(i) Date of first /earlier appraisal</p> <p>(ii) Details of the information sought by the EAC with the response of the PP.</p> <p>If the project involves diversion of forest land (i) extend of the forest land (ii) status of forest clearance.</p>	<p>a) For the first time appraisal by SEAC</p> <p>i) Not Applicable, TOR not applicable for this B2 Category project.</p> <p>ii) Not Applicable</p> <p>iii) Not Applicable</p> <p>b) Second appraisal</p> <p>i) Not Applicable</p> <p>ii) Not Applicable</p> <p>iii) No forest land diversion involved</p>
10.	<p>If the project falls within 10 km of eco- sensitive area</p> <p>i) Name of eco- sensitive area and distance from the project site,</p> <p>ii) status of clearance from National Board for wild life.</p>	<p>Not Applicable.</p> <p>No any area is present which are important or sensitive for ecological reasons Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests. No clearance from NBWL involved</p>
11.	<p>Waste Management</p> <p>i) Water requirement, source, status of clearance</p> <p>ii) Waste water quantity, treatment capacity, detail</p> <p>iii) Recycling / reuse of treated water and disposal</p> <p>iv) Solid Waste Management</p>	<p>i) Water Requirement: 279 CMD Source: Bore well &amp; open Well.</p> <p>ii) Sewage water: 224 CMD. Sewage water will be treated in 240 CMD STP.</p> <p>iii) After STP treated water will be recycled for flushing (86.2 CMD) &amp; gardening (28.3 CMD) purpose.</p> <p>iv) Municipal Solid Waste quantity will be 396 kg/day. (237.6 kg/day Bio Degradable waste and 158.4kg/day Non bio degradable waste). Biodegradable waste will be converted into manure with</p>

	v) Hazardous Waste Management.	<p>the help of Organic waste composting machines. Inorganic waste like plastic, packing material, metal shall be sold to recyclers/vendors for recycling.</p> <p>v) STP sludge : 93 Kg/day, STP sludge will be used as manure in gardening.</p> <p>vi) Not Applicable.</p>
12.	<p>Other details</p> <p>i) Noise Modeling with noise control measures for airports.</p> <p>ii) Details of water bodies, impact on drainage if any.</p> <p>iii) Details of tree cutting</p> <p>iv) Energy conservation measures with estimated saving.</p> <p>v) Green belt development (20 % of construction projects and 33 % for others)</p> <p>vi) Parking requirement with provision made</p>	<p>i) Not Applicable</p> <p>ii) Water body: There is no water body in and around project premises.</p> <p>iii) The proposed site was without any vegetation &amp; trees; hence trees cutting were not involved.</p> <p>iv) Reduction in energy consumption can be achieved by using LED lights.</p> <p>v) About 4658.19 m<sup>2</sup> area will be left for recreational area which will be utilized for green development.</p> <p>vi) About 2931.00 sq. m parking will be provided</p>
13.	<p>If the project involves foreshore facilities</p> <p>i) Shoreline study</p> <p>ii) Dredging details, disposal of dredge material</p> <p>iii) Reclamation</p> <p>iv) Cargo handling with dust control measures</p> <p>v) Oil Spill Contingent Management Plan</p>	Not Applicable as no such activities are involved within or closed to the proposed site
14.	<p>If the project involves Marine disposal</p> <p>i) NOC from PCB in case of marine disposal</p>	Not Applicable



	<p>ii) Details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters 9</p> <p>iii) Location of intake / outfall. Quantity,</p> <p>iv) Detail of monitoring at outfall</p> <p>v) Any other relevant information:</p>	
15.	<p>Other information</p> <p>(i) Investment/Cost of the project is Rs... (in crore).</p> <p>(ii) Employment Potential .....</p> <p>(iii) Benefits of the project .....</p>	<p>i) 44.76 Crore</p> <p>ii) Temporary employment will be generated for labors during construction phase; 300 local labors &amp; outsider labors (60- skilled &amp; 240 – unskilled)</p> <p>iii) The proposed project will be provided job opportunity at maximum extent to the surrounding population. The project shall affect the socio-economy, physical infrastructure and biological environment. Residential accommodation for Govt. India &amp; MP for their employees.</p>
16.	Date of Ground water clearance:	Not Applicable.
17.	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost.	Not Applicable whereas CPWD will take effective initiatives towards social development as and when required.
18.	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.	About 4658.19 m <sup>2</sup> area will be left for recreational area which will be utilized for green development. Local fast growing tree species along with Shrub and herbs species will be planted. Ornamental plants shall also be planted
19.	Any river/Nallha flowing near or	Not Applicable

	adjacent to the proposed mine. If yes, please give details.	
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During discussion, it was observed by the committee that in the self declaration submitted by the PP for undertaking construction and development activity for this project it is reported that

*“The project proponent is already undertaking construction activity at project site and 20% construction and development work (details of work carried out like foundation RCC, Plinth beam RCC and slab RCC) have completed. The total proposed construction area (i/c proposed parking, horticulture development and roads) of the project is 49076 sq. meter out of which 9600 sq. meter area is constructed/developed”.*

On perusal of the above it was observed by the committee that PP has already started the construction and developmental activities and thus falls under the purview of violation of EIA Notification, 2006. Thus committee after deliberations decide that this case may be referred back to SEIAA for onward necessary action as per EIA Notification, 2006 and its amendment issued vide S.O 804(E) dated 14.03.2017 “Process for appraisal of TOR/EC projects under violation of EIA Notification, 2006”.

**6. Case No. - 2128/2014 Head Government Relations (State), M/s Sun Pharmaceuticals Industries Limited [Old Name Ranbaxy Laboratories Limited], Plot No. K 5,6,7 & 10 Ghirongi Industrial Area, Malanpur, Distt. – Bhind (M.P.) Prior Environment Clearance for proposed Bulk Drug and Intermediates at Village-Malanpur, Tehsil-Gohad, Bhind (MP)**

This is a bulk drug & intermediates manufacturing unit proposed in the Malanpur Industrial Area, Village- Malanpur, and Tehsil- Gohad Distt Bhind. The activity is mentioned at S.N. 5 (f) in the Schedule of the EIA Notification. Hence it requires prior EC before commencement of activity at site. The application has been forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the environmental impacts expected from the project. The salient features of the project were presented by the PP and his consultant before the committee in this meeting.

After deliberations proposed TOR was approved by the committee in the 167<sup>th</sup> SEAC Meeting Dated 10/01/2015 with inclusion of following points in the EIA study:

1. Provision of ‘Green-belt’ all around the periphery of the proposed plot to be made.

2. Details of fire-fighting system proposed with risk-assessment study and proposed on-site emergency plan.
3. Recent MSDS of all the raw materials / solvents to be furnished.
4. Lay-out of the Industrial Estate showing location of other industries, with inventory of the industries in 500 meters around the proposed plot.
5. Copy of Registration letter issued from the Industries Department.
6. Details of LNG connectivity with safety measures proposed in this regard.
7. DG-set details with air / noise pollution control details.
8. Justification for installing 03 boilers.
9. Design of Hazardous Waste Incinerator with inventory of hazardous wastes planned to be incinerated in the same. Air Pollution Control measures proposed with these incinerators to be furnished.
10. Worst case scenario with respect to water, air pollution and hazardous-waste generation to be presented. The mitigation measures to be detailed out, assuming that the entire plant is producing product(s) responsible for worst environmental scenario.
11. All vents to be connected to a common duct with ultimate safe disposal of the toxic fumes appropriate scheme in this regard to be furnished.
12. List of solvent with product-by-product solvent balance/ water-balance and material-balance to be included.
13. Explore the possibility of putting some device so as to monitor/detect the concentration of toxic fumes in the work-zone on continuous basis.
14. VOC's to be monitored and reported in the baseline AAQ data.
15. Other standard TORs' shall be applicable.

PP vide letter dated 04/11/2017 has applied for TOR validity extension alongwith form-1 which was forwarded by SEIAA vide letter no. 1228 dated 28/11/2017 and 1434 dated 29/12/2017.

This case was placed before committee as validity of TOR of this case has expired on 9<sup>th</sup> January 2018 whereas PP vide letter dated 4.11.2017 has requested to extend the validity of TOR. The case was presented by the PP and their consultant wherein PP informed that they have applied for TOR validity extension in updated form-1 and change in name as now the plant is taken over by the M/s Sun Pharmaceuticals Industries Limited, Gwalior. PP further informed that there is no change in terms & condition of the existing TOR or plant layout and all the studies have been completed. PP further submitted that EIA will be submitted shortly and requested for change in name and TOR validity extension for one year.

Committee after discussion recommends extending the validity of TOR for one year as per MoEF&CCING O.M No. J-11013/41/2006-IA-II (1) (part) GoI MOEF & CC dated 29/08/2017 and now valid till 08/01/2019 and change in name to M/s Sun Pharmaceuticals Industries Limited, Gwalior as PP has submitted revised from-1.

**7. Case No. - 5625/2017 M/s Shrikrishnadas Tikaram, Civil Lines, P.O. & District - Katni, MP - 483501 Prior Environment Clearance for Bauxite, Limestone & Fireclay Mine in an area of 2.428 Ha.. (20,626 ton per annum) (Khasra no. 220/1 P, 221/2 P) at Village- Argat, Tehsil - Ram Nagar, Dist. Satna (MP)**

This is case of Bauxite, Limestone & Fireclay Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 220/1 P, 221/2 P) at Village- Argat, Tehsil - Ram Nagar, Dist. Satna (MP) 2.428 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.1440 dated 03/01/2018.

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

**EXECUTIVE SUMMARY**

1	Name of the project & its location	ARGAT BAUXITE AND FIRE CLAY MINE Village- Argat ,Tehsil- Ramnagar, District- Satna,State-Madhya Pradesh	
2	Name of the Company, Address Tele No. & E-mail :	<b>M/s. ShriKrishnadas Tikaram</b> Civil Lines, P.O. & District - Katni (M.P.) PIN Code – 483501 Phone No. – 07622 - 230076 e-mail - sktr09@yahoo.com	
3	Latitude and Longitude of the project	<b>ARGAT BAUXITE AND FIRE CLAY MINE</b>	
		<b>Latitude</b>	24°16'59.3" to 24°17'4.6" North
		<b>Longitude</b>	81°14'20.5" to 81°14'27.0" East
4	If a Joint venture, the names & addresses of the JV partners including their share	Not applicable	
5	Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	Nature of proposal	New
		Total area- land use	2.428 ha. Waste Land
		Project components	<ul style="list-style-type: none"> <li>Highest elevation - 331 m R.L. towards west</li> </ul>

			<ul style="list-style-type: none"> <li>• Lowest elevation - 330m R.L. in south east direction.</li> </ul>
		Connectivity	The lease area is approachable from district headquarter Satna and Rewa. Nearest Airport is Khajuraho Airport - 146 Km in NW direction; Nearest Highway is Jigna road – 0.90 Km in SW direction and Nearest Railway station is Rewa Railway Station – 28.5 km in North direction.
6	Whether the project is in the Critically Polluted Area (CPA):	No	
7	Cost of the project :	Rs 1.0 Crores	
8	Employment generated/to be generated	25	
9	Benefits of the project	The mineral Bauxite a notified mineral is found localized and a major raw material for production of Aluminum, High Alumina Bricks & cement. The occurrence is site specific. The project will be a source of supply of refractory Plant. The fire clay will also be supplied to cement plants. It will not only provide employment to local populace but also benefit to the State in the form of Royalty and fund in district mineral foundation for use in CSR activity and development of the project located district.	
10	Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii What is the % of expansion	It is new case for EC as the mining lease area is less than 5 ha.	
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006	Not applicable.	
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	Not applicable	
13	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	Not applicable	
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	Not applicable	

	specific reconsideration(s) being sought by the proponent)	
15	If the project was considered in EAC, Pl. gives dates of the meeting (s)	Not applicable
16	Type of Mine: (Open cast/Underground/mixed)	Open Cast
17	Capacity of the mine applied for	20626 TPA
18	ML Area v. As per block allotment vi. As per approved mine plan	2.428 Ha 2.428 Ha
19	Date of approval of mine plan, mine closure plan, status & date	Mining plan was approved from IBM - Jabalpur dated 31.08.2016
20	Date of Board's approval	Not applicable
21	Date of Ground water clearance	Not applicable
22	Date of mine closure approval	Mining plan was approved from IBM-Jabalpur dated 31.08.2016
23	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	<p><b>Water Bodies</b></p> <ul style="list-style-type: none"> <li>• Bansagar Lake- 4.4 km in SW</li> <li>• Son River – 11.2 km in SES</li> <li>• Garaha Nala – 12.1 km in SW</li> <li>• Nagaura Nala – 13.6 km in SW</li> <li>• Rajaji Nala – 4.8 km in WSW</li> <li>• Samdhin Nadi- 14.7 kmin SES</li> <li>• Sughara Nala – 5.9 kmin SE</li> <li>• Marhawal Nala- 1.3 km in SE</li> <li>• Bhamara Nala – 13.5 km in NE</li> <li>• Saiphan Nala – 12.1 kmin NE</li> <li>• Murjua Nadi – 6.0 km in North</li> <li>• Bihar Nadi – 12.8 km in NWN</li> <li>• Jamuniha Nala – 10.3 km in NW</li> <li>• Palarh Nala – 11.0 km in NW</li> <li>• Jhalmal Nala- 11.2 km in NW</li> </ul>

It being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. During monitoring activities, appropriate photographs with date should be taken by

and submitted along with the EIA Report.

2. Compliance of consent conditions of the MP Pollution Control Board should be obtained from concerned Regional Officer.
  3. Top soil management plan be discussed in the EIA report.
  4. Ground water recharge study of the nearby area be carried out by the PP and same should be discussed in the EIA report.
  5. Inventory of operating / proposed mines within 2 Km around the said mine should be provided in the EIA report.
  6. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
  7. Any alternate route avoiding the nearby habitations (if any).
  8. Land use plan should be plotted on the map.
  9. Dewatering plan should be addressed in the EIA report.
  10. Inventory of all existing trees within the lease area to be provided within EIA report.
  11. Detailed mine-out capacity of ore i.e Bauxite, Limestone, and Fire-clay should be clearly mentioned in the EIA report.
  12. 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.
  13. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
  14. 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.
  15. 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.
  16. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
8. **Case No.-5330/2016 M/s Kunjilal 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)

**LAND USE PATTERN**

S. NO.	LAND USE	EXISTING	5 <sup>TH</sup> 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.

Earlier this case was discussed in 50<sup>th</sup> SEAC-II meeting dated 20/09/2016 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 letter 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.

This case has been sent back to SEAC for reappraisal by SEIAA vide letter No. 1320 dated 12/12/2017 stating that:

The case was discussed 458<sup>th</sup> SEIAA Meeting 27.11.2017 it was recorded that

*“PP has submitted a request letter dtd. 17.11.2017 mentioning that in the ESZ Notification of Ranipur Wild life Sanctuary published by MoEF & CC, GoI on dtd. 09.11.2017. The Eco Sensitive Zone in case of Ranipur Wild life Sanctuary has been fixed with an extend of 1 km. from the boundary of the Ranipur Wild life Sanctuary (UP) and it was requested that the ML area lies at distance of about 5.25 km from the Ranipur Wild life Sanctuary & the specific conditions (no XVI & XVII) as mentioned in Prior EC vide letter no. 4741 dt. 13.12.16 for Wild Life Clearance from NBWL may be withdrawn by SEIAA.*

*This case was discussed in the 381<sup>st</sup> SEIAA meeting dtd. 04.11.2016 and granted Prior EC subject to following specific conditions pertaining to the necessary wild life clearance from NBWL was imposed as under.*

- 16. SEAC has put a condition for obtaining Wild Life Clearance from NBWL and PP has submitted application also no mining activity shall commence till the Wild Life Clearance is given by the National Board for Wild Life. The OM dated 02.12.2009 shall be applicable in this particular case. Mining Officer, Satna shall be responsible for compliance.*
- 17. Grant of environmental clearance does not necessarily implies that wildlife clearance shall be granted to the project and that their proposals for wildlife clearance will be considered by the respective authorities on their merits and decision taken.”*

Based on above submission case was placed before committee for discussion and recommendations in SEAC.

The case was presented by the PP and their consultant wherein it was submitted that Ranipur Wild life Sanctuary as per the ESZ Notification published by MoEF & CC, GoI on dtd. 09.11.2017 has been fixed with an extend of 1 km. from the boundary of the Ranipur Wild life Sanctuary (UP) and the existing ML area lies at distance of about 5.25 km from the Ranipur Wild life Sanctuary as per the Conservator Forest letter no. 53 dated 05/01/2016. It was further submitted by PP that their village Barui is also not listed in the list of villages falling under ESZ as per the notification and requested that the specific conditions (no XVI & XVII) as mentioned in Prior EC vide letter no. 4741 dt. 13.12.16 for Wild Life Clearance from NBWL may be withdrawn.

Committee after perusal of the submissions made by the PP and ESZ Notification of Ranipur Wild life Sanctuary published by MoEF & CC, GoI on dtd. 09.11.2017 vide SO No. 3573 (E)

in which the ESZ in case of Ranipur Wild life Sanctuary has been fixed with an extent of 01 km. from the boundary of the Ranipur Wild life Sanctuary (UP) recommends that withdrawal the EC condition of NBWL clearance of Ranipur Wild life Sanctuary may be considered by SEIAA based on above submissions made by PP and ESZ Notification of Ranipur Wild life Sanctuary published by MoEF & CC, GoI on dtd. 09.11.2017 vide SO No. 3573 (E).

**9. Case No. - 5623/2017 M/s Shiva Constructions Company, Paliya Colony, Joura Road, Dist. Morena, MP – 473001 Prior Environment Clearance for Sand Deposit Quarry in an area of 6.124 Ha.. (6200 cum per annum) (Khasra no. 251) at Village- Berkhedi, Tehsil - Guna, Dist. Guna (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. 251 at Village- Berkhedi, Tehsil - Guna, Dist. Guna (MP) 6.124 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. 2467 dated 26/09/2017 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein after discussion it was observed that: The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 6,200 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.
- The lease area should be clearly distinguished and earmarked at the site.
- No diversion of active channel should be allowed for mining.
- A budgetary provision for Environmental management Plan of Rs. 00.50 lacks (capital) is made with a recurring expenditure of 01.60 Lacks. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 00.30 lacks/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

**10. Case No. 411/14 Shri Kishore Kumar, Station Road , Katni-M.P. Limestone & Dolomite mine 5.605 ha. 6200 TPA at Village- Chandan Teh- Murwara, Distt-Katni-M.P.**

Earlier this case was discussed in 148<sup>th</sup> SEAC meeting dated 25/08/2014 whereby the PP was asked to submit response to the following points:

- Year-wise production figures since 1994 duly verified from Mining Department.
- Written commitment for supply of pit water to the nearby villagers for agriculture use.

Submissions made by the PP were placed before the committee. After scrutiny of the matter committee decided to recommend the case for grant of prior EC subject to the following special conditions:

1. Existing over burden dumps will be stabilized with legumes and grasses to prevent the erosion of soil and to arrest the dust emission.
2. Water will be sprayed twice in a day on Kuccha road used for transportation.
3. Retaining wall shall be constructed along the waste dumps with 1.0m height and 340 m length.
4. No overburden shall be placed in the western boundary of the MLA and plan to protect the Bhabrar Nalla has to be implemented effectively.

5. During conceptual period 2.0 ha area is proposed to be converted as a water reservoir. The water body thus proposed has to be developed aesthetically with appropriate safe fencing and stairway.

SEIAA vide letter no. 1220 dtd 27/11/2017 has again forwarded this case to SEAC stating that: - *“Case was discussed in 455<sup>th</sup> SEIAA meeting dtd. 08.11.2017 and it has been recorded that “The case was discussed in 204<sup>th</sup> SEIAA meeting dtd. 30.5.2015 it was recorded that:-*

*“After detailed discussion and persual of the minutes of the 167<sup>th</sup> SEIAA meeting dtd 16.10.14 PP has not submitted the desired information sought vide L.No. 2766 dated. 23.12.14. A reminder should be sent to PP for submitting the copy of the mining plan in lease status.” PP has submitted the required information vide letter no. nil dtd. 19.06.17 received in SEIAA Office 20.06.17. Therefore it has been decided to relist the case and send the technical file to SEAC for appraisal”.* As per above the case was placed in agenda.

The case was presented by the PP and the consultant wherein PP submitted that it's a case of lime stone & dolomite at village- Chandan, Tehsil- Murwara Dist Katni (MP) was applied for environment clearance at SEIAA on 03.06.2009 for production capacity of 6200 TPA. The ToR for the project was issued vide letter number 694 dated 03.07.2009 by the SEAC. The public hearing was conducted 25.05.2012 at site and final EIA report was submitted at SEIAA on 03.07.2013.

The case was appraised in 138<sup>th</sup> meeting of SEAC dated 25<sup>th</sup> July 2013 and asked to submit additional information i.e. year wise production from 1994 and letter of commitment for pit water supply to the villager for agricultural purposes. Desired information was submitted on 11.08.2014 and case was recommended in 148<sup>th</sup> meeting of SEAC dated 25<sup>th</sup> August 2014 to SEIAA. The case was discussd in the 167<sup>th</sup> SEIAA meeting dated 16/10/2014 wherein PP was asked to submit latest mine plan/mining scheme and latest lease renewal order. PP informed that they have submitted the mine plan and lease details vide letter dated 19/06/2017. The mining plan was approved by IBM vide 1893 dated 22.05.2017. The approved mining plan consists of scheme of mining for further period valid up to 31.03.2022 for lime stone and minor mineral (Dolomite). The lease is also valid till 26/03/2032.

ON perusal of the case file committee found that earlier this case was recommended for 6200 TPA for production of lime stone and dolomite in 148<sup>th</sup> meeting of SEAC dated 25<sup>th</sup> August

2014. As per latest mine plan the production of both mineral is in line with the earlier recommendation and at lower side with maximum production of 5526 TPA as per recently approved mine plan. PP has also submitted the valid lease document with validity upto 26/03/32 desired by SEIAA. After deliberations, committee further observed that since this case was been appraised by the previous SEAC decided to standby with the recommendations made in its 148<sup>th</sup> meeting dated 25<sup>th</sup> August 2014 with maximum production capacity of 5526 TPA considering that PP has submitted duly approved mine plan and lease validity till 26/03/2032 as desired by the SEIAA.

### CORRIGENDUM

**11. Case No.5238/16 M/s ACC Ltd, Kymore Cement Works, Kymore, Dist. Katni – 483880. Prior Environment Clearance for Limestone Mine in an area of 1.121 ha. (50,000 MTPA ha.) at Khasra no.-81/2, 85, Village-Badari, Tehsil - Vijayraghavgarh, Dist. Katni (MP) EIA CONSULTANT: M/s CES, BHOPAL**

This is case of Limestone Mine and was presented by the PP and their consultant in the 301<sup>st</sup> SEAC meeting dated 21/12/2017 and was recommended for grant of EC by SEAC. PP vide letter dated 05/01/2018 has submitted a representation that in the minutes the land use plan mentioned at condition no.15 is of 8.094 ha while their area is of 1.121 ha and thus need correctuion and the same was placed before the committee.

Committee on perusal of the PP's representation observed that due to typographical error the land use of **Case no. 1698/2013 - Shri Ajay Kumar Pathak, Semariya Chowk, Chanakyapuri, P.O. & Distt - Satna (M.P)**, Pin Code-485001 for Environment Clearance of 8.094 Ha Limestone Mine for Limestone 50,000 TPA and Reject Stone 25,000 TPA at Village - Rampurchourasi, Tehsil - Raghuraj Nagar, District - Satna, (MP) was mentioned in this case.

Thus committee after deliberations recommends that above land use shall be replaced as follows in the minutes of 301<sup>st</sup> SEAC meeting dated 21/12/2017 for **Case no. 5238/16 M/s ACC Ltd, Kymore Cement Works, Kymore, Dist. Katni – 483880** for Prior Environment Clearance for Limestone Mine in an area of 1.121 ha. (50,000 MTPA ha.) at Khasra no.-81/2, 85, Village-Badari, Tehsil - Vijayraghavgarh, Dist. Katni (MP) at Sl. No. 15: The existing and proposed landuse plan of mine is as follows:

S. No.	Particular	Present Status in ha.	mine Life end (ha)
1	Pits & Queries	0.921	0.761 (back filled area)
2	Road	-	-
3	Dump/ore stock	0.20	-
4	Plantation	0.0	0.36
5	Site service	Nil	-
6	Waste/ barren land	-	-
	<b>Total</b>	<b>1.121</b>	<b>1.121</b>

The other conditions will remain unchanged as per the minutes of 301<sup>st</sup> SEAC meeting dated 21/12/2017.

**DISCUSSION ON QUERY RESPONSE SUBMITTED BY PP OR THE PROJECT ISSUES RECEIVED FROM SEIAA / PENDING FROM A LONG TIME FOR WANT OF DESIRED INFORMATION**

**12.Case No. - 5616/2017 M/s P.V.S. Infra Resources (I) Pvt. Ltd, 127/1, Sangam Colony, Baldeobagh, Jabalpur, MP – 482002 Prior Environment Clearance for Stone Deposit Mine in an area of 6.0 Ha.. (63,000 cum per annum) (Khasra no. 121, 123, 127, 128, 129, 130) at Village- Pandajhir, Tehsil - Tendukheda, Dist. Damoh (MP)**

This is case of Stone Deposit Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located (Khasra no. 121, 123, 127, 128, 129, 130) at Village- Pandajhir, Tehsil - Tendukheda, Dist. Damoh (MP) 6.0 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.260 dated: 28/11/2017 has reported that there are 01more mines operating or proposed within 500 meters around the said mine with total area of 9.680 ha including this mine.

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



- Pandajhir Quarry Lease of Sand Stone is located at village –Pandajhir, Tehsil Tendukheda, Distt. Damoh (M.P.).
- The Office of the Collector Damoh has issued vide Dated 04/10/2017, in-principle Sanction for 6.0 ha quarry lease in favour of PVS Infra Resources (India) Pvt. Ltd.
- The Sand Stone quarry has been Principal Order on 04/10/2017 Through Collector (Mining) Damoh.
- The mine plan was approved by Directorate of Mines & Geology, Jabalpur, Madhya Pradesh vide letter no. 4054/KHANIJ/No./17 dated 06/11/17
- Opencast manual and semi mechanized of mining method.
- Proposed capacity of the minerals is 63,000 m<sup>3</sup> per year.
- The mine site is a Government Waste land, PREVIOUSLY operated by others  
Project Cost – 30 lakhs.
- Project Location : Khasra No. 121, 123, 127, 128, 129, 130, Village – Pandajhir Tahsil – Tendukheda, Dist. – Damoh, (M.P.)
- Proposed Capacity – 63000 m<sup>3</sup> per year
- Mineral – Sand Stone (Minor Mineral)

**Salient features of the project**

Name of the project	Pandajhir Stone Mine
Land use	Govt. waste land.
Minerals to be mined out	Stone Deposit Mine
Total Reserve	543435 m <sup>3</sup>
Life of Mine	Approx. 9 years @ 63000 m <sup>3</sup>
Proposed production	63000 m <sup>3</sup> , Stone
Method of mining	Open cast semimechanized method
No. of working day in a year	300 days
Water requirement	10.50 kld
Source of water	Ground water/ mine pit water

Depth of mine	Aprpx. 19 m – 20m
Man power requirement	30 Nos.
Nearest City	Damoh- 60.0 km , Tendukheda- 12.0 km
Nearest Railway Station	Bhitoni- 25.0 km
Nearest Airport	Jabalpur- 41.0 km from the mines by road
Nearest Village	Pandajhir Village- at 1.6 km,
Nearest River /Nallah	Canal Katang – at 5.6 km
Topography	gentle

**Ore Zone Volume in M<sup>3</sup>**

Area M <sup>2</sup>	Avg. Thickness- M	Volume M <sup>3</sup>	Depleted Volume M <sup>3</sup>	Left Volume M <sup>3</sup>
60,000	19	1140000	203500	936500

Indicate Mineral Resources (332) (2% Mining loss)

$$936500 \text{ m}^3 \times 98\% = 917770 \text{ m}^3$$

Prefeasibility Mineral Resources (222)

$$\text{Ore blocked in barrier zone and bench slope} = 374335 \text{ m}^3$$

Hence Mineable reserve 122= 332-222

$$= 917770 - 374335 = 543435 \text{ m}^3$$

$$\text{Mine Life} = 543435 / 63000 = 8.6 \text{ say } 9 \text{ years}$$

**Mining method**

Proposed mining activity will be carried out open cast and semi mechanized method by continuing the excavation in the existing pit by extending the face of pit, which was operated in past by other company.

During the proposal period the old excavation will be merged in single pit

Pit No.	Avg. Area m <sup>2</sup>	Avg. depth –m	No. of Benches	RL of the area
Pit – A	32856	18-19	3	520m

Following pit will be available at the end of QL period stage.

Pit No.	Avg. Area m <sup>2</sup>	Avg. depth –m	No. of Benches	RL of the area
Pit – A	48752	19-20	3	520m

Drilling of the blast holes is proposed to be done by the compressed air operated jack hammers and wagon drill height of the bench is proposed to be kept at 2-6 m where as the jack hammer drill will make 1.5m deep bore hole which will be done in three to four stages or wagon drill will do deeper bore holes at one required massive formation. The specification of the jack hammer and wagon drill is as follows:

Control blasting shall be carried out. Gunpowder with safety fuse or special gentian having 80% strength will be used for blasting

Burden	spacing	depth of Hole C	output/Hole A X B X C	Meterage
1m	1.2m	1.5m	1 X 1.2 X 1.5= 1.8 m <sup>3</sup>	30m

**Broad Blasting Parameters**

Spacing	-	2
Burden	-	4
Depth of hole	-	6
Powder factor	-	8 t/kg.
Dia of hole	-	110 mm

### Water Pollution Control Measures

There is no surface water bodies, following steps will be taken for water quality management.

- The depth of groundwater water level is seen at 26 m depth RL 510m and mining is given up to RL 517m thus no intersect GW.
- Garland drain has been provided alongside the mine pit. Size of Garland drains are 1.0m x 1.5m along with settling tank of 3.m x 3.0m x 2.0m.

Earlier this case was presented by the PP and their consultant in the 301<sup>st</sup> SEAC meeting dated 21/12/2017. During deliberation the committee observed that a village road is passing 40 meter away from the lease. Thus addition 10 meter area along the road should be left as setback excluding 7.5 meter barrier zone. Proposed mining activity will be carried out open cast and semi mechanized method by continuing the excavation in the existing pit by extending the face of pit, which was operated in past by other company.

After presentation, PP was asked to submit response on following:

1. Revised scheme of plantation with additional plantation of 4800 saplings.
2. CSR budget should be bifurcated in to capital and recurring.
3. Revised DFO certificate in the format prescribed by SEIAA.

PP vide letter dated 10/01/2018 has submitted the reply of above queries which was placed before the committee. The reply submitted by PP found satisfasctory 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 of Stone as per mine plan with quantity not exceeding 63,000 cum/year.
- The lease area should be clearly distinguished and earmarked at the site.
- 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.
- PP should explore possibility of using solar lights in office /rest areas.
- Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area.
- Village road is passing 40 meter away from the QL. Thus addition 10 meter area along the road should be left as setback excluding 7.5 meter barrier zone.
- Approach road from site to the main road will be maintained by the PP.

- Top soil shall be simultaneously used for the plantation.
- A budgetary provision for Environmental management Plan of Rs. 7.90 lacks (capital) is made with a recurring expenditure of 1.35 Lacks. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 01.90 lacks/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

**13. Case No. -5172/16 Shri Tejendra Singh, M/s Digiana Industries Pvt. Ltd., Sub Lessee of M.P. State Mining Corporation Limited, G-1, M-3, Sapna Chambers, 12/1, South Tukoganj, Indore (MP)-452001. Prior Environment Clearance for River Sand mining in an area of 12.140 ha. (1,20,000 cum/year) at Khasra No.-245, Village-Janjna, Tehsil-Rehti, District-Sehore (MP)**

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-245, Village-Janjna, Tehsil-Rehti, District-Sehore (MP) 12.140 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.-293 dated: 02/02/16 has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Earlier this case was presented by the PP and their consultant in 28<sup>th</sup> SEAC-II meeting dated 02/06/2016, *wherein it was observed from the Google image based on the co-ordinates provided by the PP that approx. 30% area of the lease is submerged in water thus committee after deliberations decided that since only 70% of the area is available for evacuation of sand the volume of sand excavation should be reduced to 84,000 cum/year and 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 84,000 cum/year.*

- *District Authority should record the deposition of sand in the lease area at an interval of 100 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.*

SEIAA has forwarded this case to SEAC vide letter no. 1445 dated 03/01/2018 stating that: The Case was discussed in 461<sup>st</sup> meeting dtd.26.12.2017 and it was recorded that:- “PP has submitted a representation that he has been granted EC for a production capacity of 84,000 cum/year whereas in the mining plan the capacity demanded was 1,20,000 cum/year. It has been decided to send the representation alongwith the case file to SEAC for their comments.”

The case was placed before the meeting wherein it was observed by the committee on perusal of case file that in the minutes reason for the reduction in sand quantity was justified hence no further action is required in this case. The committee after deliberations decided that above clarification may be sent to SEIAA for onward necessary action.

**14. Case No. 3810/15 M/s M.P. State Mining Corporation Ltd., Sub Off H.N. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Prior Environment Clearance for approval of Sand Quarry in an area of 20.00 ha. (5,70,000 Cum/Year) at Khasra No.-430, Village-Chichli, Tehsil-Khategaon, District-Dewas (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.-430, Village-Chichli, Tehsil-Khategaon, District-Dewas (MP) 20.00 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.-1476, dated: 24/08/2015, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Earlier this case was presented by the PP and their consultant in the 242<sup>nd</sup> SEAC meeting dtd 07/11/2015 wherein it was recorded that: - *“As per the co-ordinates submitted by the PP, the Google image indicates that 40% of ML area falls under water. The demanded quantity is 5,70,000 cum/year and mining of which is not possible with submergence of approx. 40% area in water as mid stream mining is not permitted, thus committee decided to reduce the quantity by 40% and recommends for the 3,42,000 cum/year.*

*The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘B’:*

*1. Production of Sand not exceeding 3,42,000 cum/year as per mine plan.”*

SEIAA has again forwarded this case vide letter no. 1470 dated 04/01/2018 stating that: The Case was discussed in 461<sup>st</sup> meeting dtd.26.12.2017 and it was recorded that: - *“PP has submitted a representation that he has been granted EC for a production capacity of 3,42,000 cum/year whereas in the mining plan the capacity demanded was 5,70,000 cum/year. It has been decided to send the representation alongwith the case file to SEAC for their comments.”*

The case was placed before the meeting wherein it was observed by the committee on perusal of case file that in the minutes reason for the reduction in sand quantity was justified hence no further action is required in this case. The committee after deliberations decided that above clarification may be sent to SEIAA for onward necessary action.

**15. Case No.-5287/2016 Shri Mohiuddin Shaikh S/o Shri Ayazuddin Shaikh, Lease, R/O - 1, Moti Bungalow, Dewas – 455001 (SIA/MP/MIN/558302/2016). Prior Environment Clearance for Stone Quarry in an area of 9.00 ha. (20000 cum/year) at Khasra no.-772 & 774, Village-Surajpur, Tehsil - Shajapur, Dist. Shajapur (M.P.)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-772 & 774, Village-Surajpur, Tehsil - Shajapur, Dist. Shajapur (MP) 09.00 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. 634 dated: 23/05/2016 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled in 80<sup>th</sup> SEAC-II meeting dated-14/06/2017 wherein it was recorded that: *this case was scheduled in 77<sup>th</sup> SEAC-II meeting dated-24/05/2017 wherein it was recorded that: this case was scheduled in 70<sup>th</sup> SEAC-II meeting dated-15/03/2017 wherein it was recorded that: this case was discussed in 61<sup>st</sup> SEAC-II meeting dated 25/11/2016 wherein the case was returned to SEIAA for delisting assuming that PP is not interested to continue with the project as was absent in SEAC meetings. PP has submitted a letter dated 23.01.2017 showing his interest in presentation of his case before SEAC-II. Therefore SEIAA decided to relist the case and send the file to SEAC-II for appraisal.*

*Based on the above, the case was scheduled for presentation today. The case was presented by the PP and their consultant wherein during presentation as per the Google image January, 2017 based on the co-ordinates provided by the PP it was observed that installation of base structure (like wind mill or HT line) is seen within the lease area. PP was unable to explain about this structure. Thus committee after deliberations asked PP to submit the details of this structure with photographs and comments of Tehsildar about this structure/installation.*

*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 give another 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.*

*The case was presented by the PP and their consultant in the 80<sup>th</sup> SEAC-II meeting dated-14/06/2017 wherein PP requested committee to give them some time to present their case as on their request Collector, Shajapur vide letter no. 499 dated 12/06/2017 has written a letter to Commissioner, New & Renewable Energy, Urja Bhawan, Bhopal for the safe distance to be left from this wind mill. PP further submitted that the mining lease was sanctioned much earlier to them and the installation of wind mill has just started. Committee after deliberations decides that on the request of PP one month time may be given so that PP can submit reply issued by the Commissioner, New & Renewable Energy, Urja Bhawan, Bhopal for consideration of this case.*



PP was also informed to submit above information vide letter No. 421 dated: 21/06/2017 within 30 days and Reminder letter no. 521 dated: 27/11/2017 to submit information within 15 days. PP so far has not submitted the desired informations and the case were placed before the committee. The committee observed that PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

**16. Case No. -5166/16 Shri R.K. Nema, DGM, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for River Sand Mine project in an area of 22.500 ha. (4,50,000 cum/year) at Khasra No.-01, Village-Maroda, Tehsil-Itarsi, District-Hoshangabad (MP). (EIA Consultant: M/s SFRI, Jabalpur)**

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-01, Village-Maroda, Tehsil-Itarsi, District-Hoshangabad (MP) 22.500 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 vides letter no.3988, dated: 24/3/16, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was presented by the PP and their consultant in the 81<sup>st</sup> meeting dated 22/06/2017 wherein it was recorded that: *“the case was presented by the PP (OIC, MP State Mining Corporation Ltd.) and their consultant in 26<sup>th</sup> SEAC-II meeting dated-24/05/2016 and during presentation it was observed that concerned Mining Officer vides letter no.3988, dated: 24/3/16, has reported that there is no more mine operating or proposed within 500 meters around the said mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-*

1. *Detailed evacuation plan alongwith road condign is to be discussed in the EIA report alongwith requirement of manpower.*

2. *EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.*
3. *Photographs and maps depicting all the mines present in the cluster.*
4. *On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.*
5. *The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.*
6. *Photographs of individual mine during EIA process with date.*
7. *Justify the production from each mine and also justify the duration when mining is possible.*
8. *Detailed production plan with section should be provided in the EIA report considering the safe area to be left for the prevention of bank erosion.*
9. *If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.*
10. *Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.*
11. *Discuss and assess impacts of sand mining on pisciculture.*
12. *Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.*
13. *Discuss the measures that will be adopted for the bank erosion.*
14. *Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.*
15. *Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.*
16. *If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.*
17. *During presentation evacuation of sand was proposed from the other side of the bank by crossing the entire river. PP was asked to proposed alternate route so that sand can be evacuated from the same bank.*
18. *During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.*

*PP has submitted EIA vide letter no.-15/05/2017 which was forwarded by the SEIAA vide letter no.515 dated-23/05/2017. EIA was presented by the PP and their consultant wherein*

*PP was asked to submit following information and also needs to present the case again for EC:*

- 1. Revised EMP & CSR as suggested by committee during presentation.*
- 2. Since evacuation of sand is 4200 cum/day from both the mines in cluster thus operation 30 trucks with 60 trips/hr i.e 600 trips/day. Hence PP should submit traffic management plan addressing all the sensitive issues nearby it.*
- 3. Details of proposed by-pass route w.r.t its load capacity, PP has to submit photographs of the alternate road.*
- 4. The co-ordinates given in the EIA report and in the Approved Mining Plan and not matching thus PP was asked to submit reply as per TORpoint no.-18.”*

PP was also informed to submit above information vide letter No. 493 dated: 29/06/2017 within 30 days and Reminder letter no. 519 dated: 27/11/2017 to submit information within 15 days. PP so far has not submitted the desired informations and the case were placed before the committee. The committee observed that PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

**17. Case No.4853/15 Shri Tejendra Singh, M/s Digiana Industries Pvt. Ltd., Sub Lessee of M.P. State Mining Corporation Limited, G-1, M-3, Sapna Chambers, 12/1, South Tukoganj, Hotel Shrimaya ke Piche, Indore (MP)-452001 Prior Environment Clearance for approval of Sand Mine in an area of 10.555 ha. (95,000 cum/year) at Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP).**

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no.-126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP) 10.555 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.-2856 dated: -24/7/15, has reported that there are 12 more mine operating or proposed within 1000 meters around the said mine with total area of 128.885 ha including this mine.

Earlier this case was presented by the PP and their consultant in the 53<sup>rd</sup> meeting dated 13/10/2016 wherein it was recorded that: *“The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant in 28<sup>th</sup> SEAC-II meeting dated-02/06/2016 and during presentation it was observed that concerned Mining Officer vide letter no.-2856 dated: -24/7/15, has reported that there are 12 more mine operating or proposed within 1000 meters around the said mine with total area of 128.885 ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-*

1. *Detailed evacuation plan along with road condition is to be discussed in the EIA report along with requirement of manpower.*
2. *EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.*
3. *Photographs and maps depicting all the mines present in the cluster.*
4. *On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.*
5. *The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.*
6. *Photographs of individual mine during EIA process with date.*
7. *Justify the production from each mine and also justify the duration when mining is possible.*
8. *Detailed production plan with section should be provided in the EIA report considering the safe area to be left for the prevention of bank erosion.*
9. *If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.*
10. *Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.*
11. *Discuss and assess impacts of sand mining on pisciculture.*
12. *Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.*
13. *Discuss the measures that will be adopted for the bank erosion.*
14. *Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.*
15. *Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.*
16. *If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.*

17. *Data already collected can be used in the EIA report.*
18. *During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.*

*As per the above, the TOR was issued to the PP vide letter no. 1025 dated 17/06/2016.*

*MP State Mining Corporation Limited, Bhopal vide their letter no.397 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.458 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 perview 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.*

*Case was presented by PP and their consultant. During presentation, it was observed that a representation vide letter dated 06/09/2016 is submitted which was forwarded by SEIAA vide letter no. 3517/SEIAA/16 dated 12/09/2016. As per the representation, revised certificate is issued by the Conservator Forest, Hoshangabad, M.P., stating that Ratapani Abhayaran is at a distance of 9.20 kms (a Notified PA) from Khasra No. 126. Earlier TOR was issued to for this case on the basis of certificate issued by DFO, Hoshangabad, issued vide letter no. 3881 dated 15/04/2015 stating that no notified PA within 10 kms radius. Committee after deliberations decided that since revised certificate is issued by Conservator Forest, Hoshangabad, clearance from NBWL is therefore needed and thus PP was asked to apply online for NBWL clearance and a copy of the application may be submitted to SEAC for further appraisal of the project.”*

PP was also informed to submit above information vide letter No. 595 dated: 06/12/2016 and Reminder letter no. 509 dated: 27/11/2017 to submit information within 15 days. PP so far has not submitted the desired informations and the case were placed before the committee. The committee observed that PP has neither submittd the desired information nor has

requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

**18. Case No.-5436/2016 Shri Madam Singh S/o Shri Bheem Singh, Vill. Karadiya, Teh. Alote, Dist. Ratlam, MP – 457118. Prior Environment Clearance for River Sand Deposit Quarry in an area of 12.00 ha. (1800 cum per annum) (Khasra no. 01) at Village- Kalakhedi, Tehsil - Alote, Dist. Ratlam (MP)**

This is case of River Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 01) at Village- Kalakhedi, Tehsil - Alote, Dist. Ratlam (MP) 12.00 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. 385 dated: 24/06/16 has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Earlier this case was scheduled in 76<sup>th</sup> SEAC-II meeting dated-23/05/2017 wherein it was recorded that: *this case was scheduled in 74<sup>th</sup> SEAC-II meeting dated-03/05/2017 wherein it was recorded that: this case was scheduled in 71<sup>st</sup> SEAC-II meeting dated-10/04/2017 wherein it was recorded that: SEIAA in their 398<sup>th</sup> meeting dated 02/01/2017 has delisted the case and again relisted the case as per the decision taken in the 415<sup>th</sup> meeting dated 09/03/2017 and forwarded the file to SEAC for appraisal vide letter no. 5704/SEIAA/17 dated 28/03/2017.*

*The case was scheduled in 74<sup>th</sup> SEAC-II meeting dated 03/05/2017 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 71<sup>st</sup> SEAC-II meeting dated-10/04/2017. 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.*

*The case was presented by the PP and their consultant in the 76<sup>th</sup> SEAC-II meeting dated-23/05/2017 wherein it was observed that the Project Proponent vide letter dated 09/01/2017 has submitted revised Mining Officer certificate issued vide letter no.-1141, dated-*

22/12/2016 in which it is reported that there is no more mines within 500 meters around the said mine. During presentation it was observed as per the Google image of December, 2015 based on the co-ordinates provided by the PP that most parts of the lease area is submerged in water and whatever area seen dry is appears to be rocky in nature. Moreover there is a stop dam within the lease area and PP was asked to leave 100 mts from both the sides of the dam. PP submitted that sand is available as water dries up from the January every year and after January and February sand is available for evacuation. Hence after discussion PP was asked to submit the recent photograph of the lease area showing the availability of the sand in the lease area for further consideration of this project.

PP was also informed to submit above information vide letter No. 406 dated: 14/06/2017 and Reminder letter no. 525 dated: 27/11/2017 to submit information within 15 days. PP so far has not submitted the desired informations and the case were placed before the committee. The committee observed that PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

**19. Case No.-5509/2017 Shri Dilip, Village Panchouli, Post. Peerjhalari, Dist. Ujjain, MP-456010. Prior Environment Clearance for River Sand Deposit Quarry in an area of 8.080 ha. (30,000 cum per annum) (Khasra no. 145) at Village- Maswadiya Khalsa, Tehsil - Badhnagar, Dist. Ujjain (MP).**

This is case of Sand deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 145) at Village- Maswadiya Khalsa, Tehsil - Badhnagar, Dist. Ujjain (MP) 8.080 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. 1648 dated: 08/08/16 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was presented by the PP and their consultant in 81<sup>st</sup> SEAC-II meeting dated-22/06/2017 wherein it was recorded that: this case was presented by the PP and their consultant in 69<sup>th</sup> SEAC-II meeting dated-07/03/2017, wherein during presentation it was observed that as per the Google image of April, 2016 based on the co-ordinates provided by the PP that very scanty volume of sand is observed. Since the sanctioned volume of sand is

*30,000 cubic meter/year, committee after deliberations decided to carry-out site visit for verifying the availability of sand in this area for further consideration of this project.*

Today the case was scheduled for discussion (81<sup>st</sup> SEAC-II meeting dated-22/06/2017) as contact number of PP in the case file (form-1) was not traceable as someone else with the name " श्री बने सिंह" is picking up the calls thus unable to contact PP for site visit and the case was placed before the committee for discussion. Committee after deliberations decided that PP should obtain the recommendations of Mining Officer regarding availability of the sand in the ML area with photographs showing availability of sand on lease.

PP was also informed to submit above information vide letter No. 495 dated: 29/06/2017 and Reminder letter no. 529 dated: 27/11/2017 to submit information within 15 days. PP so far has not submitted the desired informations and the case were placed before the committee. The committee observed that PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

**20. Case No.4208/15 Shri Kailash Chandra Gupta, M/s Esteem Infrabuild Pvt. Ltd., Sub Lessee, M/s M.P. State Mining Corp. Ltd., P-4, Lal Bahadur Nagar, Durgapura, Jaipur (Raj.)-477001.Environment Clearance for approval of Sand Quarry in an area of 15.210 ha. (75,600 cum/year) at Khasra no.-452, Village-Matiyavali, Tehsil-Mihona, District-Bhind (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-452, Village-Matiyavali, Tehsil-Mihona, District-Bhind (MP) 15.210 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.26, dated: -19/08/15, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of 47.57 ha including this mine.

Earlier this case was discussed in the 80<sup>th</sup> SEAC-II meeting dated-14/06/2017 wherein it is recorded that: *this case was discussed in the 73<sup>rd</sup> SEAC-II meeting dated-12/04/2017 wherein it is recorded that: this case was discussed in the 15<sup>th</sup> SEAC-II meeting dated-17/03/2016 and 53<sup>rd</sup> SEAC-II meeting dated 13/10/2016 wherein it is recorded that the case was presented*



*today by the PP and their consultant and during presentation it was observed that the replenishment plans forwarded by SEIAA vide letter no.12238 dated 18/03/2016. During presentation it was observed that the co-ordinates provided by the PP area not matching with the shape of lease as per Khasra map. Thus committee after deliberations decided that PP may be asked to provide all co-ordinates of the lease duly approved by the competent authority to ascertain the entire lease for its evaluation and further decision.”*

*PP vide letter dated 14/02/2017 has submitted the information which was forwarded by the SEIAA vide letter no. 5322/SEIAA/17 dated 23/02/2017. PP has also submitted the information within 500 meters of the lease area vide letter 31/01/2017 has submitted the information which was forwarded by the SEIAA vide letter no. 5256/SEIAA/17 dated 09/02/2017 wherein there are 03 more mines within 500 meters with total lease area 46.11 ha. As per the mining officer the lease of this mine is sanctioned prior to September,2013 and sanctioned vide order no. F 4-1/2010/12/01 dated 22/09/2010 and thus as per the GOI, MoEF&CC notification dated 01/07/2016 does not falls under the perview of cluster approach.*

*The case was presented today (73<sup>rd</sup> SEAC-II meeting dated-12/04/2017) by the PP and their consultant and during presentation it was observed that as per the Google image of Jan-2017 based on the co-ordinates provided by the PP that > 75% of the leaes area is submerged in water, hence hence committee after discussion decided PP should submit following information:*

- 1. Revised Mine Working Plan considering the area submerged in river water.*
- 2. Recent photographe of the lease area which should duly verified by the Mining officer.*

*PP vide letter dated 19/05/2017 has submitted the reply which was placed before the committee. On perusal of the case file committee observed that PP has submitted photographs of the lease area however, Revised Mine Working Plan considering the area submerged in river water is still not submitted by the PP. Committee after deliberations decides that a reminder mat be given to PP for submission of Revised Mine Working Plan considering the area submerged in river water within 30 days otherwise the case will be recommended for delisting.*

*PP was also informed to submit above information vide letter No. 427 dated: 21/06/2017 within 30 days and Reminder letter no. 515 dated: 27/11/2017 to submit information within 15 days. PP so far has not submitted the desired informations and the case were placed before the committee. The committee observed that PP has neither submittd the desired information nor has requested for providing additional time to submit desired information and thus*

decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

**21. Case No.4262/15 Shri Kailash Chandra Gupta, M/s Esteem Infrabuild Pvt. Ltd., P-4, Lal Bahadur Nagar, Durgapura, Jaipur (Raj.). Prior Environment Clearance for approval of Sand Quarry in an area of 17.650 ha. (88,250 cum/year) at Khasra no.-514, Village-Matiyavali, Tehsil-Mihona, District-Bhind (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.-514, Village-Matiyavali, Tehsil-Mihona, District-Bhind (MP) 17.650 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.15, dated: 19/08//2015 has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of 45.870 ha including this mine.

Earlier this case was discussed in the 80<sup>th</sup> SEAC-II meeting dated-14/06/2017 wherein it is recorded that: *“this case was discussed in the 73<sup>rd</sup> SEAC-II meeting dated-12/04/2017 wherein it is recorded that: this case was discussed in the 258<sup>th</sup> SEAC meeting dated-05/01/2016 wherein it is recorded that as per the approval in 258<sup>th</sup> SEAC meeting dated-05/01/2016 the TOR was issued to the PP vide letter no. 454 dated 02/03/2016.*

*The case was again discussed in the 53<sup>rd</sup> SEAC-II meeting dated 13/10/2016 wherein it is recorded that MP State Mining Corporation Limited, Bhopal vide their letter no.403 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.1325 dated 30/07/2016 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 perview 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 case was presented today by the PP and their consultant and during presentation it was observed that the co-ordinates provided by the PP in mine plan for locations marked as “C” & “D” is same and thus the actual lease area could not be established. Thus PP was asked to submit revised co-ordinates of the lease boundary and the same should be duly authenticated by the competent authority for further appraisal of the project.*

*PP vide letter dated 14/02/2017 has submitted the information which was forwarded by the SEIAA vide letter no. 5320/SEIAA/17 dated 23/02/2017. PP has also submitted the information within 500 meters of the lease area vide letter 31/01/2017 has submitted the information which was forwarded by the SEIAA vide letter no. 5254/SEIAA/17 dated 09/02/2017 wherein there is 01 more mines within 500 meters with total lease area 42.55 ha. As per the mining officer the lease of this mine is sanctioned prior to September, 2013 and sanctioned vide order no. F 4-1/2010/12/01 dated 22/09/2010 and thus as per the GOI, MoEF&CC notification dated 01/07/2016 does not falls under the perview of cluster approach.*

*The case was presented today (73<sup>rd</sup> SEAC-II meeting dated-12/04/2017) by the PP and their consultant and during presentation it was observed that as per the Google image of Jan-2017 > 75% of the leaes area is submerged in water, hence hence committee after discussion decided PP should submit following information:*

- 1. Revised Mine Working Plan considering the area submerged in river water.*
- 2. Recent photographe of the lease area which should duly verified by the Mining officer.*

*PP vide letter dated 19/05/2017 has submitted the reply which was placed before the committee. On perusal of the case file committee observed that PP has submitted photographs of the lease area however, Revised Mine Working Plan considering the area submerged in river water is still not submitted by the PP. Committee after deliberations decides that a reminder mat be given to PP for submission of Revised Mine Working Plan considering the area submerged in river water within 30 days otherwise the case will be recommended for delisting.”*

PP was also informed to submit above information vide letter No. 264 dated: 21/04/2017 and Reminder letter no. 513 dated: 27/11/2017 to submit information within 15 days. PP so far

has not submitted the desired informations and the case were placed before the committee. The committee observed that PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

**22. Case No. - 4269/2015 Shri Jitesh Parwani, Partner, M/s Shiv Parvati Enterprises, Mezzanine Floor, City Trade Centre, 141, Malviya Nagar, Bhopal (M.P.)-462003 Prior Environment Clearance for proposed Residential Blocks, Convenient Shops and Plot Development at Khasra no.-16/1, 16/2, 17, 18, 21/1, 21/2, 22, Village-Bagli, Block-Phanda, Tehsil-Huzur, District-Bhopal (M.P.) Total Land Area – 4.50 ha., Total Land Available Area – 44151.13 sqm, Total Built-up Area -34503 sqm., For- Building Construction. EIA Consultant: ENV DAS (I) Pvt. Ltd., Lucknow).**

The project is a construction project falling under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and involves environmental clearance on the basis of Form 1, Form 1A and Conceptual plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

**Site Specific details**

Particulars	Details
Location	Khasra No. 16, 17, 18, 21, 22 at Village- Bagli, Tehsil-Huzur, District- Bhopal, Madhya Pradesh, India.
Type of Project	Building and large construction project
Category	B, Type- 8(a)
Latitude and Longitude	<b>Latitude - 23°10'14.41"N</b> <b>Longitude - 77°29'10.26"E</b>
Current status of land	Residential as per Bhopal Master Plan, 2005
Type of facilities	Group Housing, Plotted development with basic amenities
Nearest Highway	Hoshangabad Road (NH-12) – 2 km (W) Bhopal Bypass – 2.5 km (E)
Nearest railway station	Misrod Railway – 3 km (WE) Habibganj Railway Station – 7 km (NW)

Nearest airport	Raja Bhoj International Airport:16 km (NW))
Protected areas as per Wildlife protection Act, 1972 (Tiger reserve, elephant reserve, Biospheres, National parks, Wildlife sanctuaries, community reserves and conservation reserves)	Van Vihar National Park- 12 km (NW)
Rivers/Lakes	Kaliasot River –4.5 Km (W), Shahpura lake – 7.0 km (NW) Kaliasot Dam – 6.5 km (NW)
Seismic zone	Seismic Zone-II as per BIS 2002 map.
Defense installations	-

### Area Statement

Items	Details
<b>Type of Building</b>	<b>Residential</b>
Total Land Area	4.50 hectares
Land available for development	44,151.13 sq mt
Area Under Roads	7632.18 sq mt
<b>Net planning area</b>	<b>36,518.95 sq mt</b>
Ground coverage	30% for group housing,
<b>FAR</b>	<b>Permissible FAR</b> FAR @ 1: 1.25 = 45,648.68 sq mt Additional FAR against Road widening @ 1:2.5 = 19,080.45 sq mt <b>Total Permissible FAR = 64,729.13 sq mt</b> <b>Proposed FAR</b> Residential = 33,453.0 sq mt Plotted/ Duplexes= 13,338 sqmt Club house= 142.0 sq mt Shops = 60.0 sq mt <b>Total proposed FAR =47,265 sq mt</b>
Non - FAR	Stilt =8460.0 sq mt EWS= 847.0 sq mt <b>Total = 9307 sq mt</b>
<b>Built up area</b>	<b>56,572 sq mt (FAR + Non FAR)</b>
Green Area	Required: 3651.8 sq mt (10 % of plot area) Proposed: 11,918.91 sq mt (32.8 % of plot area) (including the green belt)

No. of Trees (Required-1 Tree/100 sqm of open area)	Required:119 Trees Proposed:1691Trees
Facility	Total Number of Flats : 364 no. EWS : 52 no. <b>Total : 416 number</b>
Number of Plots	119
Population	<b>Residential :2675</b> Visitor : 130
Total Water Requirement	403 KL per day
Net Fresh Water Requirement	244 KL per day
Recycled water requirement	Horticulture : 35 KL per day, Flushing : 124 KL per day <b>Total :159 KL per day</b>
Total Waste Water Generation	215 KL per day
STP capacity	350 KLD (20% extra for future expansion)
Power Requirement	1.5 MW
Back up Power facility	DG set of 1 X 125 KVA
Solid Waste	1,479 KG per day
Height of buildings	Stilt + 18 mt
Parking area	Required parking : 334 Provided Stilt parking : 282 Provided Open Parking : 55 <b>Total Parking : 337</b> For Plots, individual parking is proposed.

**Population Details**

Particulars	Population	
	Residential Population	Flats +EWS
Plots		595
Total		2675
Staff	50	
Visitors	130	

**Water Balance during Operation Phase**

Total Water Balance							
Sr no	Description	Total Population	Water Requirement				Total Water
			Flushing		Fresh water		
			A		B		A+B
			LPCD	KLD	LPCD	KLD	KLD
1.	Flats = 416	2080	45	94	90	187	281
2	Plots =119 (Future Duplexes)	595	45	27	90	54	81
3.	Visitors	130	10	2	05	1	3
4.	Staff	50	15	1	30	2	3
	Total		-	124	-	244	368
	Horticulture	11,918.91 m <sup>2</sup> (area)	3 L/m <sup>2</sup>	35			
	Total water demand			159		244	403

### Solid waste Generation

S.No.	Particulars	Population	Waste generated (kg/day)
1.	Residential (@0.5kg/day)	2675	1337
2.	Floating (@ 0.15kg/day)	130	20
3.	Staff (@0.15 kg/day)	50	8
Total Solid waste generated			Approx. 1365 Kg/day
Horticulture Waste			44 Kg/Day
E-Waste (0.15 kg/C/Yr)			1.0 Kg/Day
STP Sludge			15 Kg/Day

### Parking Details

REQUIRED PARKING	
Required Parking as per T&CP	334 Vehicle spaces
PROPOSED PARKING	

Stilt Parking	282 Vehicle Space
Open Parking	55 Vehicle Space
<b>Total Parking Provided</b>	<b>337 ECS</b>
<b>For Plots, individual parking is proposed</b>	

**Rain Water Harvesting Plan**

<b>Peak Run off</b>				
<b>Max, Rainfall Intensity 40 mm/hr</b>				
<b>Location</b>	<b>Runoff Coefficient</b>	<b>Area m<sup>2</sup></b>	<b>Rainfall intensity (in m)</b>	<b>Peak Run off in m<sup>3</sup>/hr</b>
Roof Area	0.8	4697	0.04	150
Paved area	0.6	12401	0.04	297
Green Area	0.2	11918	0.04	95
<b>Total Runoff m<sup>3</sup>/hr</b>				<b>542</b>

Total Runoff = 542 m<sup>3</sup>/hr

Taking 15 minutes Retention Time, Total volume of storm water = 542/4= 135 m<sup>3</sup>

Taking the effective radius and depth of a Recharge pit as 2.0 m and 3.0 m respectively:

Volume of a single Recharge pit (b) =  $\pi r^2h = 3.14 \times 2 \times 2 \times 3 = 37.68 \text{ m}^3$

Hence No. of pits required =  $135 / 37.68 = \sim 4.0$

Provided: 4 Pits

Desilting tank shall be 1.5 x 1.2 x 1.2 m

Earlier this case was presented by the PP and their consultant in the 291<sup>st</sup> SEAC meeting dated 30/05/2017 wherein it was recorded that: “*this case was recommended for delisting in the 279<sup>th</sup> SEAC meeting dated 02/07/2016. SEIAA has relisted the case on the request of PP*”



*and forwarded this case to SEAC for appraisal vide letter no. 4112 dated 11/05/17. During presentation it was also observed by the committee that the declaration regarding no construction activities on site was submitted by PP was of 21/09/2015 which is approx. 21 months old now. Thus during presentation PP was asked to furnish fresh certificate for which PP informed that they are carrying the fresh declaration and submitted the same during presentation. The fresh water requirement is 403KLD and 1691 trees are proposed under the green belt development plan. During presentation it was observed by the committee that a natural drain is passing from the western side of the project side for which a protection plan is required. PP informed that in the EMP they have proposed 15 meters green belt towards the project boundary for this natural drain protection. After 15 meters, 7.5 meters wide road is also proposed and thus 22.5 meter safe zone is created between natural drain and project. However, the committee observed that HFL of natural drain has to be authentically demarcated by a competent authority which will be reference point for natural drain protection plan. PP further proposed that dual plumbing is also proposed where recycled water will be reutilized. During presentation it was observed by committee that a master plan road is passing through the project and site is bifurcated in to two parts for which PP submitted that they have already proposed two ETP's (one each for two blocks). Water supply will be from the Bhopal Municipal Corporation. After presentation, PP was asked to submit response on following:*

- 1. Owing to close proximity with a natural drain [draining in to Kaliasot], the PP was asked to submit the drainage protection plan / green belt plan considering 15 meters from the HFL of natural drain. The HFL of natural drain has to be authentically demarcated by a competent authority which will be reference point for natural drain protection / plantation plan.*
- 2. Revised EMP considering the cost of green belt w.r.t. plantation in additional area of 15 meters from the HFL of natural drain."*

PP was also informed to submit above information vide letter No. 459 dated: 24/06/2017 within 30 days and Reminder letter no. 517 dated: 27/11/2017 to submit information within 15 days. PP so far has not submitted the desired informations and the case were placed before the committee. The committee observed that PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

**23. Case No. – 2035/2014 Shri Mohit Singh Tomar, Senior Executive, M/s AIMS Promoters Pvt. Ltd., 107/1, Birla Nagar, Gwalior (MP)-474002 Environmental Clearance for approval of proposed residential project at Village-Sigora & Jebra, Tehsil & District-Gwalior (MP) Total Plot Area - 534930 M2 or 132.129, acres. For- Building Construction. Env. Consultant: Kadam Env. Con. Delhi.**

This is building construction project covered under EIA notification. By virtue of the dimension of the plot area and the built-up area the project is covered under the item 8(b) of the schedule of the notification, hence it requires prior EC from the SEIAA before commencement of the activity at site. The salient features and the proposed TOR were presented by the PP and his consultant.

After deliberations committee approved the proposed TOR in the 167<sup>th</sup> SEAC meeting dated 10/01/2015 with inclusion of following additional TORs, to carry out EIA study and prepare EMP:

1. Road net-work to transport materials to be furnished.
2. Materials proposed to be used in the roads.
3. Details of dual-plumbing.
4. Details of sewage / MSW / BMW management during construction as well as during operation phases.

5. Strom-water management in the project.
6. Details of green area / cover to be furnished with map depictions.
7. Water / electricity complete details including the connectivity/ net-working etc.
8. Locations of Mobile Towers.
9. Land-use & land-cover details in 10 Km radius around the site with micro-level details of 2-5 Km area around the proposed site.
10. Details of high-tension power line (s) / natural nalla/streams etc. passing across the site or nearby the site.

This case was placed before committee as TOR of this project had been expired on 09/01/2018 and it was observed by committee that PP has neither submitted the EIA report nor has applied for the extension of TOR's validity period and thus decided that this case may be recommended for delisting to SEIAA as TOR's validity has expired.

**(Mohd. Akram Khan)**  
Member

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

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

**(Prashant Shrivastava)**  
Member

**(R. Mahesgwari)**  
Member

**(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/Murram 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.