

The 417th meeting of the State Expert Appraisal Committee (SEAC) was held on 22nd January, 2020 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Dr. Jai Prakash Shukla, Member.
5. Dr. R. Maheshwari, Member.
6. Shri R. S. Kori, Secretary.

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

1. **Case No. - 5929/2019 M/s. Mangal Murti Minerals, Shri Mohit Agrawal, 99, Bahadarpur Road, Burhanpur, MP – 450331 Prior Environment Clearance for Red Ochre & Basalt Mine (Dimensional Stone) in an area of 19.60 Ha. (Red Ochre – 21,000 cum per annum, Basalt – 3,000 cum per annum) (Khasra No. 143, 181, 183, 184 & 192), Village- Dabalikhurd, Tehsil - Nepanagar, Dist. Burhanpur (MP).**

This is case of Red Ochre & Basalt Mine (Dimensional Stone). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 143, 181, 183, 184 & 192), Village- Dabalikhurd, Tehsil - Nepanagar, Dist. Burhanpur (MP) 19.60 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was presented by PP and their consultant in 350th SEAC Meeting dated 15/03/2019, wherein it is observed by the committee that in the Google map the Tapi River is flowing in the northern end of the lease which is approx. > 600 meter. PP was asked to discuss RL wise section from above ground level to below the ground level in the EIA. Also, with the presentation the PP has submitted the copy of SDFO certificate issued vide letter no. DM/2019/1658 dated 24.07.2018 during the meeting.

Committee after presentation decided that in the light of recent O.M. dtd. 12.12.2018 being it's a case of more than 5.0 ha., area hence, recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Details about Geological vertical section RL wise discussed in the EIA report.

2. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
3. Scattered houses are seen within and outside of the lease. Discuss proper management measures in the EIA.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. Plan of to maintain ZLD in the summer and management of storm water in the winter and rainy season to stop water to reach into the river.
6. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
7. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
8. Compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board.
9. Should also submit DFO certificate with EIA report as submitted certificate is issued by SDFO.
10. Year- wise details of minerals already excavated till date should be submitted with EIA report.
11. Atleast 08 stations should be selected for monitoring with two stations on transportation route and results should be discussed in the EIA report.
12. Hydro- geological study should be carried out if ground water intersection is proposed.
13. Top soil management plan should be addressed in EIA report.
14. Input data of modeling should be addressed in EIA along with this all back up calculation.
15. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
16. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
17. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
18. 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 Nil which was forwarded through SEIAA vide letter no. 3852 dated 08/01/2020.

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

2. Case No. – 6727/2020 M/s. Mahakaushal Sugar & Power Ind. Ltd, 149, 151, 165, 168, Village - Bahai, Tehsil - Narsinghpur, Dist. Narsinghpur, MP. Prior Environment Clearance for Expansion of Sugar Industry from 4,500 to 8,000 TCD, at Khasra no. 149, 151, 165, 168, at Village - Bachai, Tehsil - Narsinghpur, Dist. Narsinghpur (MP).

This is case of Prior Environment Clearance for Expansion of Sugar Industry From 4,500 to 8,000 TCD, at Khasra no. 149, 151, 165, 168, at Village - Bachai, Tehsil - Narsinghpur, Dist. Narsinghpur (MP). Category-5(j). The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

Executive Summary of the Project:

Mahakaushal Sugar & Power Industries Limited (MSPIL) was initially incorporated on 13/04/2005 as Pithera Sugar Mill Pvt. Ltd. with registered office at 42, Kotra, Sultanabad, Bhopal (Madhya Pradesh). The company was converted to public limited and name changed to Mahakaushal Sugar & Power Industries Limited on 07/09/2005. Mahakaushal Sugar & Power Industries Limited has established a 1500 TCD plant at Bachai, Narsinghpur, Madhya Pradesh. The revival in the sugar industry coupled with the availability of the raw material in the area has prompted to the promoters to come up this project.

The company decided to expand the 1500 TCD plant to 4500 TCD in 2014-2015. The company received Consent to Establish (CTE) for the 4500 TCD plant from MP Pollution Control Board vide letter no MPPCB/JBP dated 21/02/2017. The plant of 4500 TCD has been erected and awaiting Commissioning. The application for Consent to Operate (CTO), the 4500 TCD plant has been submitted on 02/08/2019. For the present proposal, the existing plant capacity has been considered as 4500 TCD.

The Company proposes to further expand the existing plant of 4500 TCD to 8000 TCD. The bagasse will be used to produce power for in-house consumption and any extra power will be evacuated to grid. Existing power requirement for 4500 TCD is 12.8 MW and the power is taken from the Co-generation plant. After expansion power requirement will be 27.8 MW and the source will be the same.

As per EIA Notification 2006 as amended, sugar plants having more than 5000 TCD cane crushing capacity falls under Project Activity 5(j), category B, and for the project under consideration, an environmental clearance is to be taken from SEIAA, MP.

Salient Features of the Project:

S. No	Particulate	Description		
1.	Name of the proponent	M/s Mahakaushal Sugar & Power Industries Limited (MSPIL)		
2.	Project capacity	Existing Capacity	Expanded Capacity	
		4500 TCD	8000 TCD	
3.	Location of the project	State	Madhya Pradesh	
		District	Narsinghpur	
		Tehsil	Narsinghpur	
		Village	Bachai	
		Plot No.	149,151,165, 168	
5.	Topography	Flat		
6.	Land Type	Private		
7.	Topo sheet No.	55M/4, 55M/8, 55N/1, 55N/2, 55N/5 & 55N/6		
8.	Category	‘B’		
9.	Land Requirement	7 acres to be located within existing plant of 35 acre.		
10.	Product	Sugar & Molasses		
11.	Operation Days	120 Days		
12.	Molasses Required	Existing	Expanded	
		25000 MT/year	44000 MT/year	
13.	Source of Water	Sugar Plant-Water available within Cane @70%. (No fresh water required for the Sugar plant). Power Plant-Recycled water from Sugar plant and existing Bore well.		
14.	Power Requirement (in MW)	Existing Power Requirement	Additional Power Requirement	Total Power Requirement After expansion
		12.8	15	27.8
15.	Source of Electricity	Co-generation Plant		
16.	Turbine generator	Existing Plant	Expanded Plant	
		12.8 MW	27.8 MW	
17.	Steam (exhaust)	70 T/hr.	150 T/Hr.	
18.	Fuel Type and Quantity	Cane Bagasse, DG Set Oil	Cane bagasse, DG Set Oil	
19.	Boiler	1 (70TPH)	1 (70 TPH)+ 1 (80 TPH)	
20.	DG Sets	400 kVA	400 kVA+750 kVA	

21.	Effluent treatment System	600 KLD	1400 KLD		
22.	Man Power	125	150		
23.	Waste Generation	From the boilers during bagasse Firing: On- Season Operation Dry Fly ash : 0.148 MT/Hr. Wet bottom ash from Grate : 0.037 MT/Hr.			
		Description	Existing	After Expansion	Mode of Disposal
		Molasses	180 TPD	320 TPD	Shall be sold for manufacture of rectified spirit
		Bagasse	690 TPD	1229 TPD	Shall be used in CPP
		Press Mud	180 TPD	320 TPD	Shall be mixed with boiler ash and sold as manure
		Ash	10.36 TPD	18.43 TPD	
		ETP Sludge	1.44 TPD	2.88 TPD	Shall be sold as manure
		MSW	37.5 kg/day	45 kg/day	Shall be disposed to city MSW Disposal Plant
24.	Total Project Cost	Rs.52.00 crore			
25.	Area for Green Belt	Existing	Proposed	Total after expansion	
		20234 m ²	12500 m ²	32734 m ²	
26.	Nearest Railway Station	Name	Distance	Direction	
		Narsinghpur	13.7 km	SW	
27.	Nearest State Highway	SH 22	8.2 km	NE	
28.	Nearest Airport	Jabalpur	105 km	W	

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

Background of the Project:

- Mahakaushal Sugar & Power Industries Limited (MSPIL) was initially incorporated on 13/04/2005 as Pithera Sugar Mill Pvt. Ltd. with registered office at 42, Kotra, Sultanabad, Bhopal (Madhya Pradesh). The company was converted to public limited and name changed to Mahakaushal Sugar & Power Industries Limited on 07/09/2005.
- MSPIL has established a 1,500 TCD sugar plant at Bachai, Narsinghpur, Madhya Pradesh. The company decided to expand the 1,500 TCD plant to 4,500 TCD in 2014-2015. The expansion will take place within the boundaries of the existing plant. The

company received Consent to Establish (CTE) for the same from MP Pollution Control Board vide Consent no. 46759 dated 21/02/2017.

- The plant of 4,500 TCD has been erected and awaiting commissioning. The application for Consent to Operate (CTO) for the 4,500 TCD plant has been submitted on 02/08/2019. For the present proposal, the existing plant capacity has been considered as 4,500 TCD.
- A co-generation plant of 12.8 MW also exists at the site to meet the power requirement which will be expanded to 27.8 MW to meet future power need.
- In the proposed project, capacity of sugar unit will be enhanced from 4,500 TCD to 8,000 TCD.

PP further stated that co-generating of 12.8 MW in the existing captive power within plant and additional capacity of 15 MW is proposed and after expansion total 27.8 MW will be co-generating and surplus power will be supplied to the power grid. After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with along with following additional TORs as per Annexure-D:

- Demolition of existing old structure/ sheds which is proposed to be dismantled during expansion of the plant. PP shall be provided detail of waste generation with justification why demolition is required in the EIA report.
- Forest area is just 70 meters away from the plants; reveal details of existing flora and fauna within forest area with supporting photographs in the EIA report.
- Proposed atleast one environmental (air & noise) monitoring location in the Forest area in the vicinity.
- Discuss traffic management plan in the EIA report of peak seasons transportation for raw material & finished product to avoid traffic congestion on the Highway and nearby road where entry and exit is provided.
- Mark on layout map the area for parking of transportation vehicles carrying raw material & finished product.
- To avoid odor nuisance due to storage of molasses and bagasse suitable fragrance plants in the periphery of the plant area shall be proposed in the EIA report.
- G.W. monitoring should be done at 08 locations.
- Heavy metals analysis to be done in all the soil samples.
- CER should be made as per need assessment basis at local level.

3. Case No. – 6722/2019 M/s. Mahaluxmi Mines and Stone Crusher, Village - Bilawal, Post - Atela Khurd, Tehsil & Dist. Charkhi Dadri, Haryana. Prior Environment Clearance for Stone Quarry in an area of 6.1340 ha. (1,39,497 cum per annum) (Khasra No. 127, 128, 129, 130, 131, 135, 136, 140/1, 140/2, 141, 142, 143, 144/1, 144/2, 145, 148/1/2, 148/1/3), Village - Harrai Gujran, Tehsil - Mauganj, Dist. Rewa (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 127, 128, 128, 130, 131, 135, 136, 140/1, 140/2, 141, 142, 143, 144/1, 144/2, 145, 148/1/2, 148/1/3), Village - Harrai Gujran, Tehsil - Mauganj, Dist. Rewa (MP).6.1340Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 6128 dated 22/11/2019 has reported that there is 02 more mine operating or proposed within 500 meters around the said mine with total area of 8.734 ha including this mine.

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

- The mine lease of Harrai Gujran Stone Mining Project is spread over an area of 6.1340 Ha in Village Harrai Gujran, Tehsil- Mauganj, Dist- Rewa, State - Madhya Pradesh.
- It is a stone mining project which will be done by semi-mechanized method using controlled blasting.
- The lease has been sanctioned vide letter no. Letter No. 4504/khanij/2019, dated 25.06.2019.
- Mine Plan has been approved in July 2019, vide approval letter no. 1093 dated 22.07.2019.
- Proposed maximum capacity of the minerals is 2,00,560 m³ /year.
- The mine site is over private waste-land.
- Letter issued by D.F.O Rewa indicating absence of National Park, Wildlife Sanctuary within 10-km from boundary of mine lease, vide no. : MA.CHI /3594. Dated on 12.04.2019.

Description	Details
Project Location	Village- Harrai Gujran, Tehsil- Mauganj, District- Rewa, State- Madhya Pradesh.
Khasra No.	127,128,129,130,131,135,136,140/1,140/2,141,142,143,144/1,144/2,145,148/1/2&148/1/3
Total Area	6.1340 Ha

Maximum Proposed Production	2,00,560 m3 per year
Technology	Semi-mechanized mining using controlled blasting.
Life of the mine	10 years
Ultimate Depth of mining	20m
No. of Working Days	250
Seismic Zone	Zone II – Low damage risk zone as per IS: 1893 (Part-1) 2002
Man power requirement	36
Project cost	Rs. 1,66,93,950.
Project Category	B1
Water Requirement	18.6 KLD
Details of the Lease Area	Private Land

During presentation committee observed that Dam is situated in the north side of the lease at approximately distance of 140 meters (HFL) and a kachha road at 60 meters in the south side. PP also stated that they have started to collect baseline data including environmental monitoring data in the seasons of Dec.2019- Feb 2020. Committee after deliberation decided that it's a case of Stone Quarry with total area of 8.734 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. EIA should report incorporate blast induced vibration study as an earthen dam is situated in the north side of the lease at approximately distance of 140 meters.
2. PP shall be obtain NOC from competent Dam authority for mining on this location.
3. Protection plan to be provided in the EIA for a natural drain situated just 60 meters in the east side of the lease.
4. Details of R&R issue is involved (if any).
5. Top Soil Management Plan.
6. PP will incorporate Hydro-geological study of the lease area in the EIA report.

4. Case No. – 6724/2019 M/s. Amir Chem Pvt. Ltd, Plot No. 41- 42, Sector III, Industrial Area, Pithampur, Dist. Dhar, MP – 454774. Prior Environment Clearance for Manufacturing of Synthetic Organic Chemicals, Bulk Drug & its Intermediates Total Plot area 9181 sq.m. Proposed Capacity- 300 MT per month (category 5(f)), at Plot No. 41-42, Sector 3, Industrial Area, Pithampur, Dist. Dhar, (MP).

The project is a Manufacturing of Synthetic Organic Chemicals, Bulk Drug & its Intermediates. Category 5(f). As per EIA notification dated 14th September 2006 and amended to the date) and involves environmental clearance. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was presented by the PP and their consultant wherein PP presented following details-

- Currently we were manufacturing Herbal extract products- 40 MTPA and pigment suspension – 4.8 MTPA with valid air & water consents Consent No:AWH-65327 VALIDITY (A/W): 28/02/2020; (H): 31/03/2021
- Now company is proposing a new project on the same plot with modification in the existing plant and proposed to build new production block for the manufacturing of the Synthetic Organic Chemicals, Bulk Drug & its intermediates of total 300 MT per month production capacity.
- We are also proposing an increase in the existing production capacity of Herbal extract from 40 MT per annum to 240 MT per annum (i.e. increasing the Herbal extract products by 200 MTPA and dropping the product pigment suspension
- For Increase in herbal products, we shall apply CTE along with the EC products (synthetic organic chemicals).
- Total 9181 sqm land area is available with us and 2045 SQM land is constructed having production block, utilities, Admin office, QA/QC lab and ETP area.
- For the new project 4036 sqm land will be further constructed for production block, Storage, utilities and pollution control equipment(s).

After presentation

PP further stated that this unit is previously manufacturing Herbal extract products, now proposing to manufacture of Synthetic Organic Chemicals, Bulk Drug & its Intermediates along with Herbal extract products in the existing blocks. No C& D waste generation is involved in this expansion. During presentation it was observed by the committee that apprx. 89 products are proposed by the PP in different categories including R&D products but their product/category wise quantification is not mentioned in the submitted form-1. After presentation the committee asked to the PP to submit following details for further consideration of the project:

- Revised form –I with product list & their respective quantities.
- Define R&D product and its quantity.
- Lay out with color scheme of the existing and proposed modification machinery.

Thus committee during presentation observed that neither PP and nor their consultant were not able to justify, how within the existing plant structure both Herbal extract products and Synthetic Organic Chemicals (Bulk Drug & its Intermediates) manufacturing will take place and location of proposed machinery in the existing plant and thus decided to carryout site visit by a sub-committee of this proposed modification plant after receiving the revised form-I and other relevant information. TOR will be recommended after the site visit report.

5. Case No. – 6701/2019 M/s J.J.Granite, Partner, Smt. Madhu Jain W/o Shri Anil Kumar Jain, 125, Sharda Vihar Colony, Dist. Gwalior, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 2.380 ha. (45,276 cum per annum) (Khasra No. 147/1), Village - Rafatpur, Tehsil - Gwalior, Dist. Gwalior, (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 147/1), Village - Rafatpur, Tehsil - Gwalior, Dist. Gwalior, (MP) 2.380 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. QL-97 dated: 11/04/19 has reported that there are 17 more mines operating or proposed within 500 meters around the said mine total area of 33.891 ha., including this mine.

The case was scheduled for presentation in 415th SEAC meeting dated 07/01/2020, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in 412th SEAC meeting dated 09/12/2019. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant being it's a case Stone Quarry with total area of 33.891 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the

EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. In the north- west corner of the lease, a village road is crossing the lease PP will submit commitment to right to access to be given to the villagers.
2. Proposal of protection wall to be incorporate in the EIA.
3. Year wise details of minerals already excavated till date should be submitted with EIA report.
4. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional Office.
3. Level of mechanization should be discussed in the EIA report.
4. Hydro-geological study should be carried out if ground water intersection is proposed.
5. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
6. A list of all the mines located in the Billaua, Rafadpur and Chirpura cluster along with their lease area, lease period, existing production, proposed production as per approved mine plan, production for which the EC is desired (Form-1), available minable reserve, proposed ultimate depth, post mining land use, details of crusher if located within the lease area, if crushing is done outside the lease area its location and details, details of any habitation, water body, road, school, or hospital or any other public place within 500 m of the cluster.
7. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry and other mines etc located within 5 km radius of the cluster.
6. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
7. Air pollution control measures adopted by each mine and crusher in the cluster.
8. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.
9. Ambient Air Quality Monitoring on following locations be conducted for one season :-
 - a. Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
 - b. Two monitoring station one each at main evacuation road and Billaua village road.

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

6. **Case No. – 6725/2020 Shri Rameshwar Gupta S/o Shri Rambarosilal Gupta, Approach Road, Kolaras, Dist. Shivpuri, MP – 473770. Prior Environment Clearance for Stone and Murrum Quarry in an area of 2.870 ha. (Stone – 21,095 cum per annum, Murrum – 10,905 cum per annum) (Khasra No. 1767, 1768, 1769, 1770/1, 1771/1, 1796/1, 1797), Village - Bamor, Tehsil - Badarwas, Dist. Shivpuri (MP).**

This is case of Stone and Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1767, 1768, 1769, 1770/1, 1771/1, 1796/1, 1797), Village - Bamor, Tehsil - Badarwas, Dist. Shivpuri (MP) 2.870 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 70 dated: 05/12/2019 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine total area of 6.87 ha., including this mine.

Being it's a case of Stone and Murrum Quarry with total area of 6.87 ha., this is a case of TOR. But PP's environmental consultant quoted that Collector Office vide letter dated 05/12/2019 have mentioned that out of 03 mines within 500 meters, lease agreement of 02 mines allotted to M/s. J & D Associate Co. and Shri Raghvendra Singh Tomar, have been expired in 14.07.2019 and 02.12.2015 respectively. Hence their case should be considered as B-2 category.

Committee deliberated that expiring the lease allotment period does not infer that the mine is lapsed and now in future same will not be allocated to the same PP or other PP. The committee after deliberation asked PP to submit revised M.O. certificate clearly stating that mines whose lease agreement have been expired and will not be sanctioned / auctioned again in near future for further consideration.

7. **Case No. – 6717/2019 Smt. Santo Choursiya, Near Village Biloua, Tehsil - Dabra, Dist. Gwalior, MP. Prior Environment Clearance for Stone Quarry in an area of 1.214 ha. (30,000 cum per annum) (Khasra No. 3624/1), Village - Biloua, Tehsil - Pichhore, Dist. Gwalior (MP).**

This is case of Stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3624/1), Village - Biloua, Tehsil - Pichhore, Dist. Gwalior (MP).1.214 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar's Office letter dated 07.04.2016 has reported that there are (not mentioned) more mines operating or proposed within 500 meters around the said mine total area of 10.264 ha., including this mine.

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

8. Case No. – 6723/2019 M/s Saicharan Properties Ltd, Shri Sudhanshu Pareek, 101, Kalpatru Synergy, Opp. Grand Hyatt, Santacruz (E), Mumbai, Mah. – 400055. Prior Environment Clearance for Expansion in Construction for Residential & Commercial Development (Total Area = 12,626.00 sqm, FAR- 28,657.86 sqm, Non- Far- 40,231.28 sqm, Total Construction Area = 68,889.14 sqm) at Plot No. 27, Yashwant Niwas Road, Tehsil & Dist. Indore, (MP).

This is case of Prior Environment Clearance for Expansion in Construction for Residential & Commercial Development (Total Area = 12,626.00 sqm, FAR- 28,657.86 sqm, Non- Far- 40,231.28 sqm, Total Construction Area = 68,889.14 sqm) at Plot No. 27, Yashwant Niwas Road, Tehsil & Dist. Indore, (MP).Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

EXECUTIVE SUMMARY

Sr. No.	Particulars	Details
1	Name of the Project	Environment Clearance for Expansion in Construction of Residential & Commercial Development by M/s. Sai Charan Properties Ltd.
	Location	Plot No. 27, Yashwant Niwas Road, Tehsil & Dist. Indore, (MP)
2	Name of the Company	M/s. Sai Charan Properties Ltd.
	Address	101, Kalpataru Synergy Opp. Grand Hyatt, Santacruz East, Mumbai 400055 (India)
3	Latitude and Longitude of the project	Latitude 22°43'31.95"N Longitude 75°52'30.18"E
4	If a Joint venture, the names & addresses of the JV partners including their share	NA
5	Type of Building	Residential & Commercial
	Project brief: nature of proposal (new/expansion,)	New
6	Total Plot Area	Total Land Area = 12,515.17 sq.m
7	Total Ground Coverage	Ground Coverage =2236.08Sq.m

Sr. No.	Particulars	Details
8	Total Builtup Area	Existing Built Up area : 63,802.97 sq.mt. Proposed Built Up area = 2850.09sq. mt. Total Built Up area : 66,653.06 sq. mt
9	Cost of the project	Existing : INR – 265.61 crores Proposed : INR – 12.00 crores Total- INR 277.61 crores
10	Dwelling Units	3 BHK – 60 No. 4 BHK- 43 No. 5 BHK – 4 No. 6 BHK – 3 No. EWS – 10 No. LIG – 8 No. Shops – 19Nos.
11	Internal Road Area	Road Area- 2837.58Sq. m (22.5%) Open Area –3871.26 Sq.m (30.60%)
12	Landscape	1851.078 m ² (14.66%)
13	Nos. of trees planned	210 nos. Plant
14	Nos. of Floor and basements	One Building with 5 Wings Wing A : 2 Basements + Ground (Shopping) + Mezzanine (Shopping) + Podium / Stilt + 12 residential floors. Wing B : 2 Basements + Ground (clubhouse) + Mezzanine (clubhouse) + Podium / Stilt + 12 residential floors. Wing C : 2 Basements + Ground (clubhouse ,EWS &LIG) + 1 st floor (clubhouse, EWS & LIG)+Podium / Stilt + 12 residential floors. Wing D : 2 Basements + Ground (Shopping, EWS & LIG) + part Mezzanine (shopping) + 1 st floor (EWS& LIG)+ Podium / Stilt + 12 residential floors. Wing E : 2 Basements + Ground (Shopping) + Mezzanine floor (Shopping) + Podium / Stilt + 12 residential floors.
15	Parking facilities	352 ECS
16	Power Requirement and Sources	Electrical Load: 4555.8 kW Demand Load: 1516 kW Source: State Electricity Board.
17	Power backup	D.G : 1 – 380 kVA 1 – 600 kVA
18	Water requirement and Sources	Domestic: 78 Flushing: 54 Landscape: 15 Sewage Gen: 124 Treated water: 111 Source of the water is municipal water supply.
19	Estimated population (Fixed)	Residential: 640 Nos. Commercial: 734 Nos.
20	Height of the building	45.0 M
21	Connectivity	Railway Station Indore 1.0 km, W Indore Airport– 7.0, Km W

The case was presented by PP and their consultant wherein PP stated that basically it's a case of expansion wherein they wants to increase the height of a building from existing 4th floor to the 12th floor only and other project facilities will remain unchanged. PP further submitted that they

have obtained EC from the competent authority for this project. Now they want to raise the height of only one building which at present is of 4th floor. Committee deliberated about the strength of this building which was proposed only up to 4th floor and now how it can be raised till 12th floor. PP submitted that initially the design was for 12th floor but was constructed only till 4th floor. After presentation, PP was asked to submit following details:

- Chronology of entire event for grant of EC and its amendments.
- Copy of EC and minutes of SEIAA.
- Structural Design of “Block -B” (proposed for upliftment).

9. Case No. – 6654/2019 M/s. Chetak Enterprises, Shri Manohar Lal Anjana S/o Bheru Lal Anjana, R/o Village - Kesunda, Tehsil - Chhotisadri, Dist. Pratapgarh Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (25,000 cum per annum) (Khasra No. 1/2), Village - Bisalwaskhurd, Tehsil - Neemuch, Dist. Neemuch, (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/2), Village - Bisalwaskhurd, Tehsil - Neemuch, Dist. Neemuch, (MP).4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1106 dated: 08/11/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled again for presentation in 416th SEAC meeting dated 08/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 406th SEAC meeting dated 25/11/2019. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant, wherein during presentation PP has submitted revised Mining Officer letter no. 1376 dated 10/09/2018 according to which there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 14.77 ha., including this mine. By considering this revised M.O certificate this project shall be deal as B-1 category. Being it's a case Stone Quarry with total area of 14.77 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a

cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Some trees are seen within lease area in the Google image PP will be submitted inventory along with permission of any tree felling is proposed or proposal for protection plan (if no tree felling is proposed).
- Incorporate revised plantation species and numbers as suggested during presentation in the EIA report.

10. Case No. – 6652/2019 M/s U.B. Infrastructure, Shri Vikram Anjana, R/o Village - Kesunda, Tehsil - Chootisadri, Dist. Pratapgarh, Raj. Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (25,000 cum per annum) (Khasra No. 1/2), Village - Bisalwaskhurd, Tehsil - Neemuch, Dist. Neemuch, (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/2), Village - Bisalwaskhurd, Tehsil - Neemuch, Dist. Neemuch, (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1105 dated: 08/11/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for the presentation in 409th SEAC meeting dated 28/11/2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by the PP and their consultant, wherein during presentation PP has submitted revised Mining Officer letter no. 1374 dated 10/09/2018 according to which there are three more mines operating or proposed within 500 meters around the said mine with total area of 14.77 ha., including this mine. By considering this revised M.O certificate this project shall be deal as B-1 category. Being it's a case Stone Quarry with total area of 14.77 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR

prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Incorporate revised plantation species and numbers as suggested during presentation in the EIA report.

11. Case No. – 6719/2019 Shri Rakesh Jaiswal S/o Shri Jagannath Jaiswal, Village - Bhanpur, Tehsil - Manawar, Dist. Dhar, MP – 454449. Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (8,075 cum per annum) (Khasra No. 177/1/1/1Ka/1), Village - Petlabad, Tehsil - Manawar, Dist. Dhar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 177/1/1/1Ka/1), Village - Petlabad, Tehsil - Manawar, Dist. Dhar (MP). 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 919 dated: 03/05/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive other sensitive features:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural Drain	>150	North- East to South - East	Provision of Garland drain & settling tanks.

PP also stated that crusher is also proposed within the lease. After presentation the committee asked to submit following details:

- Revised surface plan showing location of settling tanks in the southern side of the lease.
- Revised EMP include budget for wind breaking MS wall of 03 meters height.
- Revised CER include water tank and proposal for Rain Water Harvesting Structures in the Bhanpura village with appropriate budget.

PP has submitted the response of above quarries same date vide letter dated 22.01.2020, which was placed before the committee and the same found satisfactory. The EMP and other

submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 8,075 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.74 Lakh as capital and Rs. 2.85Lakh/year and under CER Rs. 02.0 Lakh has proposed.

12. Case No. – 6721/2019 Shri Altab Khan S/o SHri Farukh Khan, Village - Dharampuri, Tehsil - & Dist. Dhar, MP – 454449. Prior Environment Clearance for Murrum Quarry in an area of 2.00 ha. (4,407 cum per annum) (Khasra No. 90/2), Village - Piplyakamin, Tehsil - Dharampuri, Dist. Dhar (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 90/2), Village - Piplyakamin, Tehsil - Dharampuri, Dist. Dhar (MP).2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 316 dated: 25/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive other sensitive features:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Canal	>160	West	Provision of Garland drain & settling tanks.
Isolated hutments	>90	North – east	No drilling and blasting is proposed

PP also stated that no drilling and blasting is proposed. After presentation the committee asked to submit following details:

- Revised EMP as suggested during presentation.

- Revised CER activities and shall be focus in one village include proposal for school lab and toilet in Aganwadi.

PP has submitted the response of above quarries same date vide letter dated 22.01.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 4,407 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 3.93 Lakh as capital and Rs. 1.51 Lakh/year and under CER Rs. 1.0 Lakh has proposed.

13. Case No. - 5988/2019 M/s Sikarwar Mining & Minerals, Pro. Shri Surendra Singh Sikarwar, Nagpur Road, Chhindwara, MP – 480001 Prior Environment Clearance for Metal Stone Quarry in an area of 1.00 Ha. (5,842 cum per annum) (Khasra No. 500, 543/4), Village - Khunajhirkhurd, Tehsil - Mohkhed, Dist. Chhindwara (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 500, 543/4), Village - Khunajhirkhurd, Tehsil - Mohkhed, Dist. Chhindwara (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 201 dated: 08/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 5.00 ha., including this mine.

This case was scheduled in 359th SEAC meeting dated 10/04/2019 wherein committee after deliberations decided that being it's a case of stone quarry mine with total area of 5.0 ha., including this mine, and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. A natural stream just in vicinity of the lease how PP will protect its natural flow as well as maintain quality, address this sensitive features in the EIA.
2. PP should explore the possibility of using SME (site mixed explosives) in blasting.
3. Detailed study of ground vibration and fly rocks shall be done.
4. Level of mechanization should be discussed in the EIA report.
5. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.

PP vide letter dated 08/01/2020 has submitted an application that this ML is of 5.00 ha and shall be deal as B-2 category.

Based on above submission by PP this case was placed before the committee wherein committee observed that SEIAA vide letter no 719 dated 21.05.2019 has decided to consider area up to 5.00 ha as B-2 and thus the same ground this case can also be considered as B-2 category.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Sheds	>20	north – west corner	PP stated this shed belonging to him and control blasting with sand bags arrangement will be provided.
02 Trees	Within lease	North	Commitment that no tree falling is proposed.

PP further stated that about 35 meters from the north end of the lease shall be left out as non-mining area used as rest shelter. After presentation the committee asked to submit following details:

- Commitment for control blasting.
- Commitment that no tree falling is proposed.
- Surface map showing non mining area on the northern side due to existence of trees.

PP has submitted the response of above quarries same date vide letter dated 22.01.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5,842 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.165 Lakh as capital and Rs. 2.97 Lakh/year and under CER Rs. 0.40 Lakh/ year has proposed.

14. Case No. – 6666/2019 Shri Santosh Shukla, Village - Kudari, Tehsil & Dist. Sagar, MP – 470115 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (2,025 cum per annum) (Khasra No. 56), Village - Kudari, Tehsil - Sagar, Dist. Sagar, (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 56), Village - Kudari, Tehsil - Sagar, Dist. Sagar, (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 283 dated: 04/09/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled again for presentation in 416th SEAC meeting dated 08/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 408th SEAC meeting dated 27/11/2019. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for presentation, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in SEAC meeting 416th SEAC meeting dated 08/01/2020 and 408th SEAC meeting dated 27/11/2019. Committee decided that since sufficient opportunities has been given to the PP for appraisal of

their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

15. Case No. -1657/2013 M/s Upkar Stone Crusher, Prop. Ejaj Ahmed S/o Shri Haji Moyudden, Village & Post - Thuti, Tehsil - Anoopur, Distt. -Anoopur (M.P.) 484334 Environmental Clearance for approval of 1.942 ha, Stone quarry Production Capacity 10,000 cum/year at Survey No. 1028/1 K village-Dhangava, Tehsil- Anuppur, Distt- Anuppur (M.P).

This is case of Stone quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at village-Dhangava, Tehsil- Anuppur, Distt- Anuppur (M.P) 1.942 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 520 dated: 15/04/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 7.179 ha., including this mine.

The case was scheduled for the presentation in 409th SEAC Meeting dated 28/11/19 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

Earlier this case was scheduled for the presentation in 414^h SEAC Meeting dated 06/01/19 wherein PP's vide their letter dated 06.01.2019 requested the committee that due to absence of their environmental consultant he would not be able to present their case hence, requested to the committee to give one more chance for making presentation. The committee after deliberation accepted PP's request and decided to call the PP in subsequent SEAC's meetings giving last chance.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 414^h SEAC Meeting dated 06/01/19. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

16. Case No. - 5833/2019 Sarpanch, Gram Panchayat, Village - Babri, Tehsil - Seoni Malwa, Dist. Hoshangabad, MP – 461221 Prior Environment Clearance for Sand Mine in an area of 4.00 Ha. (48,600 cum per annum) (Khasra No. 137/1) at Village- Babri, Tehsil - Seoni Malwa, Dist. Hoshangabad.

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 137/1) at Village- Babri, Tehsil - Seoni Malwa, Dist. Hoshangabad 4.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-patr) vide letter No. 35 dated: 03/04/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

In this meeting (348th SEAC meeting dated 01/03/2019) the case was presented by the PP and their consultant. PP stated that it is Babri Sand quarry at River Narmada and Gram Panchayat Babri possesses this lease and all mining operations will be done manually open-cast method through local labours transportation will be through trucks/ tippers. During presentation committee observed that in the Google image (October 2018) two coordinates of north side were falling in the river. Hence, after presentation and deliberation the committee asked PP to submit following information:

1. Revised production operational plan leaving 20 meter area from the co-ordinates which are falling in the stream as in stream mining is not permitted.
2. Revised estimation of the sand volume as per depth given in mine plan and area available after leaving area submerged in water.
3. Revised plantation proposal for 350 plants / year.
4. Revised EMP & CSR activity with appropriate budget.

PP has submitted the response of above quarries vide letter dated 19/02/2019 which was placed before the committee. Committee observed that as per the revised operational production plan submitted by PP, the area available for mining is 3.60 ha out of allotted 4.00 ha area. Considering the sanctioned depth of 1.5 meters as per the mine plan and 10% mining loss as submitted by the PP, the volume of sand that can be evacuated will be 48,600 cum/year. The response of other queries & EMP and other submissions made earlier by the PP earlier were also 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 revised operational production plan with quantity not exceeding 48,600 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.
- No in-stream mining shall be allowed.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- Provision of solar pump for over head water lifting.
- Disposed solid waste from labour shelter and canteen as per MSW norms.
- 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.
- A budgetary provision for Environmental management Plan of Rs. 7.21 Lakh as capital and Rs. 6.17 Lakh/year as recurring cost. 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. 2.60 lakh/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.
- 350 trees / years shall be planted at approach road to the mining area, mines lease boundary and at village area.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2017 issued by the MoEF&CC.

The case was scheduled for the presentation in 414^h SEAC Meeting dated 06/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 414^h SEAC Meeting dated 06/01/2020. 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.

(Dr. A.K. Sharma)
Member

(Dr. J.P. Shukla)
Member

(Dr. Sonal Mehta)
Member

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
Member

(R.S.Kori)
Secretary

(Mohd. Kasam Khan)
Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:

Annexure- 'A'

Standard conditions applicable to Stone/Murum and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
9. No Mining shall be carried out during Monsoon season.

10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'C'

Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.

3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of

- allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
 21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
 22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
 23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
 24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
 25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples.

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

26. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
27. Detailed analysis of availability and quality of the drinking water resources available in the block.
28. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
29. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.