

The 394th meeting of the State Expert Appraisal Committee (SEAC) was held on 31st August, 2019 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. R. Maheshwari, Member.
4. 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. - 5759/2018 M/s. Fortune Soumya Housing Bhopal, Fortune Soumya Santoza C/o Fortune Soumya Housing Bagli, Behind C-21 Mall Bhopal (M.P.)-462016. Prior Environment Clearance for Construction of Group Housing Project "Fortune Soumya Atlantis" at Khasra No. 160/2, 161, 162, 163/2, 163/3, 163/4, 164/1, 164/2, 171/1, 171/2, 326, at Village - Bagli, Barrai, District - Bhopal (M.P.). Total Plot Area – 75,743.94 m², Total Built up Area – 62,525.99 m², Category: 8(a) Building & Construction Project. ENV Developmental Assistance Systems Pvt. Ltd, Lucknow (U.P.).**

This is case of Prior Environment Clearance for Proposed Construction of Construction of Group Housing Project "Sterling Globe Grand" of M/s Sterling Globe Builders, Total Plot Area -12600.00 sq.mt. (1.26 hect.), Total Built up Area – 29845.64 Sq. mt., at Village - Opposite Hanumar Nagar, Jatkheri Road Near Hoshangabad Road, Tehsil -Huzur, District - Bhopal (M.P.) Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 331st SEAC meeting dated 25/10/2018, wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation.

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

Construction Status: The project is a case of violation on account of not securing prior environment clearance before beginning the construction activities at site. The construction work was started at site and approximately 60% of construction work was completed before the application was submitted to MPSEIAA for grant of prior environmental clearance.

Type of units	Units proposed	Units completed	Possession Given	Not yet started	Completion Percentage
Flats	642	342	130	300	60%
Duplexes/Plots	287	231	150	56	
LIG/EWS	64	0	0	32	

Site details

S. No	Items	Details
1.	Type of Building	Residential
2.	Total Plot Area	75,743.94 m ²
3.	Area of land under 24 m wide road	3,675.22 m ²
4.	Net Plot Area	72,068.72 m ² Duplex development: 51,406.34 m ² Multi-dwelling unit: 20,662.38 m ²
5.	Total Ground Coverage	Permissible Ground Coverage for duplexes (30%)=15,421.9 m ² Proposed = 15,421.90 m² (30%) Permissible ground coverage for Multi dwelling units (30%) = 6,198.71 m ² Proposed= 6,198.71 m² (30%) Total proposed ground coverage = 21,620.61 m²
6.	FAR	Proposed FAR for Multiunit development = 27139.75 m² Proposed FAR for duplexes = 29,263.48 m² Proposed FAR for residential development = 56,403.23 m²
7.	Total (Non- FAR area)	Stilt Area: 4,500 m ² LIG /informal sectors : 1,622.76 m ² Total: 6,122.76 m²
8.	Built up area	62,525.99 m²
9.	Total open area	50448.104 m² (Net Plot Area – ground Coverage)
10.	Dwelling units	Flats : 642 units Duplexes: 287 units LIG/EWS: 64 units
11.	Road and internal circulation space	39638.1 m ² (55% of net plot area)
12.	Landscape	10,810 m ² (15% of net plot area)

13.	No. of Trees	Total no. of trees required: 1 Tree/ 80 m ² of Open Area = (Total Planning Area-Ground Coverage)/80 = 50448.104/80 =630 Trees Proposed: 950 Trees
14.	Number of floors	(S+6) Floors (25 towers +1 EWS tower)
15.	Height of Building	Approximately 21m
16.	Parking facilities	For duplex development : Individual parking For Multi-dwelling unit Development: Required Parking required = 271 Vehicle Space @ 100 m ² / ECS Visitor's parking = 20 Vehicle Space Total parking required= 291 Vehicle space Four wheeler parking in stilt @ 30 m ² per Vehicle Space = 150 Vehicle Space Open parking = 145 Provided parking – 295 Vehicle Space
17.	Power requirement & source	3544 kVA Source : Madhya Pradesh KshetraVidyutVitran Company Limited
18.	Power Backup	1 DG sets of 125 kVA
19.	Water Requirement and Source	516 KLD Source: Ground water
20.	Estimated Population (fixed + floating)	Residential including LIG: 3530 Duplexes : 1435 Visitors: 500 Staffs: 50 School : 500

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8th March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PM2.5, SO₂, NO_x & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area

11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

PP has submitted the EIA report vide letter dated 13/08/2019 which was forwarded through SEIAA vide letter no.-1922 dated 21/08/2019.

The case was scheduled for presentation , wherein EIA incorporating remediation plan and natural community resource augmentation plan was presented by the PP and their consultant with following details:

The Project Time Line :

- The application was submitted in MPSEIAA for environmental clearance on 29/12/2014.
- Project was appraised in 172th, 182nd & 255th SEAC meeting dtd. 22.02.2015, 28.03.2015 & 02.01.2016, respectively.
- Our submitted documents stated that the construction activity has already been initiated at site. The Committee decided that it is a case of violation of provisions of EIA Notification 2006.
- The committee returned the application to MPSEIAA for credible action as per O.M. of MOEF & CC dated 12- 12-2012.
- SEIAA vide letter no. 10091 dated 31/12/2015 has forwarded the case with documents pertaining to carryout site visit.
- A two member sub committee comprises Shri K. P. Nyati, Member SEAC , Shri Manohar K. Joshi, Member SEAC & Dr. Sunil Sudhakaran, Scientist, MPPCB visited the site on 17/01/2016 along with the PP and their consultant.
- Site visit report was discussed in 277th SEAC meeting dated 31/5/16 and file sent to SEIAA.

- Ministry has issued notification S.O. 804 (E) dtd. 14.03.2017 providing guidelines to bring violation activities in compliance with environmental law at the earliest point of time.
- Considering the guidelines of MoEF & CC , EC application was rejected by MPSEIAA in 417 SEIAA meeting dated 20-03-17.
- The EC application was again submitted to EAC (violation) MoEF &CC on 20th July 2017 For grant of ToRs.
- Again the application was sent back to MPSEIAA considering the guidelines for appraisal as mentioned in S. O. 1030 (E) dated 08.03.2018.
- Project was listed for appraisal in 331st SEAC meeting dated 25.10.2018.
- ToR has been issued vide letter no. 390/PS-MS/MPPCB/SEAC/ToR(331)/2018 dated 07/12/2018.
- Baseline Monitoring period: December 2017-February 2018(Already done) One month validation monitoring was also done during December 2018 to January 2019 by a NABL accredited laboratory, RIMS New Delhi as per the instruction from the honorable committee.
- The case (EIA) was submitted online on 2nd May 2019.
- Now the project is listed for appraisal on 31st August 2019 .

Construction Status as per Site Inspection Report of SEAC Members

- The total land area of the project is 75,743.94 Sq.m. and the proposed built up area of the project is 35,015.95 Sq.m., which is same as in application filed for environment clearance. Some amount of construction work has already undertaken, PP has submitted a resolution along with the application for the same. Approximately 60% of civil work is completed, resolution is already provided by the pp along with application. Land use of the proposed project is residential as per the master plan 2005.
- The Project consists of group housing & duplex colony with all the basic amenities. Some group housing blocks and duplexes have already been constructed & 30 possessions have been given.
- On site STPs of 550 KLD have already been constructed and were found operational during the site visit.
- Rain water harvesting structures are present at site. Total 14 numbers of RWH pits proposed for the rain water harvesting of the project site. During site visit it is verified that some RWH pits were completed. Collection and transportation structures required for roof top rain water is present.
- PP has earmarked an area for municipal solid waste collection inside the project premises near the STP. 2 different colored containers are provided for the source segregation of the municipal segregated solid waste material. Color coded plastic

bins have been installed in the project on each floor for collection of waste from the occupants which is collected door to door and this transferred to the designated space. PP informed during the site visit that Municipal Corporation Bhopal ensures the timely disposal of waste material on the paid basis. NOC for garbage disposal has already been procured.

- Peripheral plantation, plantation in the open areas/parks has already been provided. As per PP, a sum total of 951 trees have already been planted on site. Dedicated green area for landscaping and peripheral plantation in the project is approximately 15% of the total land area. PP has created additional space for plantation by removing paved blocks/cutting the CC roads for providing additional plantation. Individual green patches are also provided inside the duplex boundaries.

After presentation and discussions it was observed by the committee that the remediation plans and natural community resource augmentation plan submitted by PP needs to be revised as suggested by committee. PP was asked to submit following information:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. An undertaking that
 - i. The area is developed as per the approved master plan.
 - ii. No tree cutting was carried out during execution of this project.
 - iii. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.
 - iv. No issue pertaining to R&R and land ownership is pending.
 - v. Commitment of PP regarding no tree felling is being done for construction activity.
 - vi. No GW was extracted during construction & operation of project.
 - vii. During construction phase RMC was used with its documentary evidence (bills copy to be annexed).
 - viii. Entire top soil was used for plantation & land scape development and no top soil was wasted.
 - ix. No DG sets were used during construction phase along with electricity bills.
3. Utilization- wise Land Use details as per approved T& CP approved layout.
4. Exact details of possession given.
5. Present drawl of fresh water

6. Details of STP with outlet clearance.
7. Details of present scenario of ETP/MSW/ water consumption.

PP vide their letter dated 31.08.2019 the revised remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation in the tune of suggested guidelines by the committee, with the supported by documentary proofs, such as bills, CA audit, certificates, photographs, prescribed various undertakings.

The case was presented by the PP and their consultant wherein revised remediation plan was presented which is as follows:

S. No.	Environment Management guidelines prescribed by EAC/SEIAA/SEAC	Mitigation Measures followed	Remediation Measures required	Estimated budget of Remediation (INR Lakh)		EMP Cost (INR Lakh)		Remarks
				Capital Investment	Recurring Expenditure/Year	Capital Cost	Recurring Cost (per annum)	
1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	The project proponents have obtained all the necessary permissions. The project is classified residential as per the Bhopal Master Plan 2005.	Guidelines followed. No remediation measures required.	Not Required	Not Required			The project is classified residential as per the Bhopal Master Plan 2005, thus no violation.

2.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing and horticulture. Excess treated water will be discharged to Municipal Drain.	STP of 550 KLD is already installed at site and is commissioned since Jan 2015.	Guidelines followed. No remediation measures required as occupancy started from March 2015 onwards .	Not Required	Not Required	50	4.8	Water conveyance lines for recycled water on all the laterals and roads have been laid
3.	Adequate provision for storage and recharge should be followed.	10 RWH structures are present at site. Collection and transportation required for roof top rainwater is present.	Guidelines followed. 4 RWH required.	3		7.5	0.20	
4.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Space shall be provided for solid waste management within the premises The inert waste from group housing project will be sent to dumping site.	PP has earmarked an area for municipal solid waste collection inside the project premises near the STP for 48 hrs capacity. 02 different colored containers are provided for the source segregation of the municipal solid waste material. Color coded plastic bins	10 lacs for wormi-composting		Not Required	7	1.5	For optimization of organic waste wormi-composting is proposed and manure will be utilized in the campus.

		<p>have been installed on each floor for collection of waste from the occupants.</p> <p>Municipal Corporation Bhopal ensures the timely disposal of waste material on the paid basis. NOC for garbage disposal has already been procured.</p>						
5.	<p>The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bioswales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.</p>	<p>Natural drainage of the project site will be maintained ensuring unrestricted flow of water through storm water drainage system which shall be provided.</p>	<p>5 lacs for storm water drainage.</p>		<p>Not Required</p>			

6.	<p>Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site.</p> <p>Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.</p> <p>Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.</p>	<p>The project while in construction phase was adequately barricaded so as to reduce the spread of the particulate matter.</p> <p>During construction RMC was used. All the building material was stored in the covered shed.</p>	No remediation measures required.	Not Required	Not Required			In all future construction also dust suppression measures shall be implemented
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7.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules,2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	All construction and demolition debris were stored on designated location with proper covering via tarpaulin sheets. The waste were managed and were in accordance to Construction and Demolition Waste Rule 2016	Guidelines followed. No remediation measures required.	Not Required	Not Required			
8.	Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure. The housing may be in the form of temporary structures to be removed after the completion of the project.	All the necessary arrangements were made for the wellbeing of the construction workers until now. For further construction work, provision shall be made for temporary housing of labourers.	Guidelines followed till now. Will be followed for leftover construction as well	Not Required	Not Required			

9.	At least 15% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Peripheral plantation, plantation in the open areas/parks has already been provided. Sum total of 951 trees have already been planted on site. Dedicated green area for landscaping and peripheral plantation in the project is approximately 15% of the total land area. Additional space for plantation by removing paved blocks/cutting the CC roads for providing additional plantation. Individual green patches are also provided inside the duplex boundaries.	5 lac aga inst the pathway plantation in additional space.	Not Required	Not Required	38	5	-All the plantation has been done
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10.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Color coded recycled water lines (dual plumbing) are provided in the multi storied buildings only and in the green areas for flushing and irrigation use. Dual plumbing lines will also be provided in yet to be constructed duplexes.	Remediation measures required. Extra solar light to be installed.		Not Required			LEDs are provided in common areas to reduce the electricity consumption
11.	A First Aid Room shall be provided in the project both during construction and operations of the project	A first Aid room shall be provided.	7 lacs for Doctors Room.		Not Required	7	0.2	-

12.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Topsoil stockpiled has been reused for plantation of the green area.	Guidelines followed. No remediation measures required.	Not Required	Not Required			Plantation area photo attached.
13.	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority	Muck generated during the construction phase did not create any problem for neighboring communities and were disposed off taking necessary precautions.	Guidelines followed. No remediation measures required.	Not Required	Not Required			Negligible muck was generated which was reused in the project.

14.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	No DG sets were used. As committed RMC was used for construction.	Guidelines followed. No remediation measures required.	Not Required	Not Required	1.5		
15.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Water demand during construction was reduced by use of pre mixed concrete and other best practices.	Guidelines followed. No remediation measures required.	Not Required	Not Required			
16.	As proposed, no ground water shall be used during construction phase of the project.	No ground water was used during the construction.	Guidelines followed. No remediation measures required.	Not Required	Not Required			
17.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightning etc.	Approval from competent authority has been obtained.	Guidelines followed. No remediation measures required.	Not Required	Not Required	30	2	Fire extinguisher of different Categories installed in the premises.

Thus as above, PP has proposed Rs. 145.25 Lakhs in EMP out of which the recurring cost is Rs. 13.90 lakhs /yr has proposed. Rs. 30.00 Lakhs is proposed as remediation Cost for this project and PP, M/s. Fortune Soumya Housing Bhopal has proposed to submit bank guarantee of INR Rs. 30.00 Lakhs towards Remediation Plan. Committee after considering the reply recommends that PP may be asked to deposit the bank gurantee (BG) with three years validity of Rs. 30.10 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

Regarding CER PP vide their letter dated 30.08.2019 has submitted that Fortune Soumya Housing is a partnership firm and thus does not fall within the ambits of definition of corporate as per MCA thus shall be exemption from the condition of CER. Committee after deliberations recommends that SEIAA shall take necessary decision for imposition of CER based on the representation submitted by PP otherwise CER shall be imposed as per the F. No. 22-65/2017-IA-III dated 01 May, 2018.

The EIA/EMP and other submissions made by the PP found satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Construction of Group Housing Projet "Fortune Soumya Atlantis" at Khasra No. 160/2, 161, 162, 163/2, 163/3, 163/4, 164/1, 164/2, 171/1, 171/2, 326, at Village - Bagli, Barrai, District - Bhopal (M.P.). Total Plot Area – 75,743.94 m²), Total Built up Area – 62,525.99 m²., Category: 8(a) Building & Construction Project subject to the following special conditions and submission of bank gurantee (BG) with 03 years validity of Rs. 30.0 Lakhs (equivalent to amount proposed in remediation and resource augmentation plan) with the MP Pollution control Board with following additional conditions:

Statutory Compliance

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.

- vi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. Diesel power generating sets 1 x 125 kVA proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.

- xi. The gaseous emission from DG set 1 x 125 kVA shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii. The total water requirement is 561 KLD out of which 341 KLD is fresh water requirement and 415 KLD will be the total waste water generated. 120 KLD water will be recycled within the complex for flushing and 55KLD of and horticulture/landscape.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be to monitor to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete,

- curing agents and other best practices referred.
- x. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
 - xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fire water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
 - xiii. For rainwater harvesting, 05 recharge pits and for Storm Water Runoff 14 will be constructed. Total Volume of Storage shall be $37 \times 14 = 518 \text{ m}^3$
 - xiv. Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
 - xv. So total recharge capacity of this project shall be 1730 m³/hour.
 - xvi. The RWH will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB.
 - xvii. All recharge should be limited to shallow aquifer.
 - xviii. No ground water shall be used during construction phase of the project.
 - xix. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
 - xx. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.
 - xxi. Sewage shall be treated in the MBBR based STP (Capacity - 550 KLD. The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
 - xxii. The waste water generated from the project shall be treated in STP of 550 KLD capacity (based on MBBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
 - xxiii. No sewage or untreated effluent water would be discharged through storm water drains.
 - xxiv. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
 - xxv. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health

and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Energy Conservation Techniques can be considered as Space Cooling: External shading prevents solar radiation from entering into the buildings and reduces the cooling load, results to better control of overheating and indoor temperatures. Space cooling load may be reduced by 30% due to proper shading.
- iv. Thermal insulation of buildings external walls and roof reduces the cooling load and improves indoor thermal comfort conditions by lowering heat gains through the building's envelope. Energy consumption in insulated buildings may be 5–30% less than in non-insulated buildings.
- v. Domestic hot water: Solar collectors reduce the annual energy consumption for domestic hot water production by lowering the load covered by electrical or thermal heating. Energy consumption in buildings with solar collectors may be 60–80% less than in buildings with electric heaters.
- vi. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

- vii. Energy conservation measures like installation of CFLs/LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

VI. Waste Management

- i. Total solid waste generated 2816 Kg/day, Horticulture Waste -40 Kg/day, E-Waste - Approx. 2 Kg/Day (0.15 kg/C/Yr) , STP Sludge - 22 Kg/Day and these shall be treated/ disposed off as per provision made in the MSW Rules 2016.
- ii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- iii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i. Total 950 trees shall be planted and Landscape Area shall be developed in the 10,810 m² (15% of net plot area).
- ii. No tree can be felled/transplant unless exigencies demand. Where absolute necessary,

tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).

- iii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should included plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- iv. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stack plied appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points
 - d. Parking norms as per local regulation
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement as proposed for 271 Vehicle Space @ 100 m² / ECS, Visitor's parking = 20 Vehicle Space , Total Vehicle space parking space available for 291 .
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried

out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labour within the site 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 structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Corporation Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection

measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

- v. PP has proposed Rs. 145.25 Lakhs capital cost and Rs. 13.90 Lakh/Year as recurring cost for EMP of this project
- vi. The PP M/s. Fortune Soumya Housing Bhopal has proposed to submit bank guarantee of INR 30.0 Lakh towards Remediation Plan /Restoration Plan.

XI. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

2. Case No. - 5989/2019 Shri Vijay Juneja S/o Shri Ramsarandas Juneja, Jalaram Ward, Pandhurna, Dist. Chhindwara, MP – 480334 Prior Environment Clearance for Metal Stone Quarry in an area of 1.432 Ha. (10,000 cum per annum) (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, 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. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP) 1.432 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. 173 dated: 02/02/19 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 5.637 ha., including this mine.

Earlier this case was scheduled for the presentation in 357th SEAC meeting dated 01/04/2019, 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.

In this meeting (358th SEAC meeting dated 09/04/2019), this case was again scheduled for presentation, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 357th SEAC meeting dated 01/04/2019. 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.

In the 384th SEAC meeting dated 11/07/2019 this case was scheduled for presentation wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the 357th SEAC meeting dated 01/04/2019 and 358th SEAC meeting dated 09/04/2019. It was further observed by committee that PP has filed another application with case no. 6261/2019 Shri Vijay Juneja S/o Shri Ramsarandas Juneja, Jalaram Ward, Pandhurna, Dist. Chhindwara, MP – 480334 Prior Environment Clearance for Metal Stone Quarry in an area of 1.432 Ha. (10,000 cum per annum) (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP). Thus committee decided that both these case shall be listed together in the subsequent meetings for discussion and appraisal.

The case was scheduled for presentation and discussion in 386th SEAC meeting dated 06/08/2019, wherein it was observed by committee that PP has filed another application with case no. 6261/2019 Shri Vijay Juneja S/o Shri Ramsarandas Juneja, Jalaram Ward, Pandhurna, Dist. Chhindwara, MP – 480334 Prior Environment Clearance for Metal Stone Quarry in an area of 1.432 Ha. (10,000 cum per annum) (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP). PP submitted that they have obtained fresh MO certificate and thus filed another case. PP further submitted that they will withdraw this application through SEIAA and will file request for that.

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 357th SEAC meeting dated 01/04/2019, 358th SEAC meeting dated 09/04/2019 and 386th SEAC meeting dated 06/08/2019. 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.

3. Case No. - 6261/2019 Shri Vijay Juneja S/o Shri Ramsarandas Juneja, Jalaram Ward, Pandhurna, Dist. Chhindwara, MP – 480334 Prior Environment Clearance for Metal Stone Quarry in an area of 1.432 Ha. (10,000 cum per annum) (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, 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. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP) 1.432 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. 573 dated: 26/03/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation in 384th SEAC meeting dated 11/07/2019, 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 scheduled for presentation and discussion wherein it was observed by committee that PP has filed another application with case no. 5989/2019 Shri Vijay Juneja S/o Shri Ramsarandas Juneja, Jalaram Ward, Pandhurna, Dist. Chhindwara, MP – 480334 Prior Environment Clearance for Metal Stone Quarry in an area of 1.432 Ha. (10,000 cum per annum) (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP). During examination of case file, it was observed by committee that following two certificates are issued by MO for this lease:

- (A) Collector Office letter No. 173 dated: 02/02/19 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 5.637 ha., including this mine.
- (B) Collector Office letter No. 573 dated: 26/03/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine.

Committee observed that two certificates are issued by MO for the same lease on dated 02/02/2019 & 26/03/2019. MO in the certificate issued on 26/03/2019 has mentioned only two mines within 500 meters while in the certificate issued on 02/20/2019, there were three mines. Committee after deliberations recommends that PP will obtain justification from MO about the third mine which is not mentioned in the certificate issued on dated 26/03/2019 and its present status.

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.

4. Case No. – 6330/2019 Shri Ramesh Agrawal S/o Shri Bisenlal Agrawal, Akbar Ward, Barapathar, Dist. Seoni, MP – 480661 Prior Environment Clearance for Metal Stone Quarry in an area of 1.950 ha. (21,513 cum per annum) (Khasra No. 15, 16, 17), Village - Gangeruwa, Tehsil - Seoni, Dist. Seoni (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 15, 16, 17), Village - Gangeruwa, Tehsil - Seoni, Dist. Seoni (MP) 1.950 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. 1983 dated: 05/02/19 has reported that there is 05 more mine operating or proposed within 500 meters around the said mine with total area of 14.65 ha., including this mine.

Earlier this case was scheduled for presentation in 388th SEAC meeting dated 08/08/2019 wherein neither the Project Proponent (PP) nor his representative was present to explain the

query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in 381th SEAC meeting dated 08.07.2019. 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 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 388th SEAC meeting dated 08/08/2019 and 381st dated 08/07/2019. 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.

5. Case No. - 5935/2019 Sarpanch, Gram Panchayat, Village - Khairi, Tehsil - Khairlanji, Dist. Balaghat, MP Prior Environment Clearance for Sand Mine in an area of 4.0 Ha. (90,000 cum per annum) (Khasra No. 854 Part), Village- Khairi, Tehsil - Khairlanji, Dist. Balaghat (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 854 Part), Village- Khairi, Tehsil - Khairlanji, Dist. Balaghat (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's Office vide letter No. 208 dated: 06/02/2019 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 in 350th SEAC meeting dated 15/03/2019. During perusals of the documents and presentation, it was observed that co-ordinates mentioned in mine plan and form-1 are different and as per Khasra map shape and sizes of lease, the co-ordinate mentioned in Form-1 appears to be matching. Committee after deliberations recommends PP to submit revised DGPS co-ordinates of the lease duly approved/authenticated by the competent authority for further consideration.

PP vide letter dated 15/03/2019 has submitted the revised form-1M with co-ordinates mentioned in mine plan. The Committee observed that the submitted co-ordinates are not approved by competent authority and form-1M is not accepted as per SEIAA decision communicated vide letter no. 1886 dated 27/12/2018. Thus committee decided that the reply submitted by PP is not as per the queries raised and decides that PP may be asked to submit revised DGPS co-ordinates of the lease duly approved/authenticated by the competent authority for further consideration.

The case was scheduled for the presentation 383rd SEAC meeting dated 10.07.2019 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 and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for the presentation in 388th SEAC meeting dated 08/09/2019 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 scheduled for the presentation wherein the committee after deliberation decided that no sand mining shall be permitted in the light of Govt. of M.P., Mining Resources Deptt. Letter vide no. 1951 dated 22.05.2019. Hence, this case is differed to SEIAA for necessary action.

6. Case No. – 6466/2019 M/s Balaja Stone Crusher, Badi, Dist. Dholpur, Raj. – 474001 Prior Environment Clearance for Stone (Gitti) Quarry in an area of 1.50 ha. (1,00,000 cum per annum) (Khasra No. 3717/2), Village - Biloua, Tehsil - Dabra, Dist. Gwalior (MP).

This is case of Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3717/2), Village - Biloua, Tehsil - Dabra, Dist. Gwalior (MP) 1.50 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-33 dated: 27/01/15 has reported that there are 25 more mines operating or proposed within 500 meters around the said mine with total area of 41.50 ha., including this mine.

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Stone (Gitti), from 25,000 cum/year to 1,00,000 cum/ year. Being it's a case of Stone Quarry with total area of 41.50 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. Compliance of earlier EC conditions from competent authority.
2. Number of benches proposed for production of 1,00,000 cum/ Year and space available at pit bottom.
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.
5. Level of mechanization should be discussed in the EIA report.
6. Hydro- geological study should be carried out if ground water intersection is proposed.
7. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
8. 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.
9. 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.
10. 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.

11. Air pollution control measures adopted by each mine and crusher in the cluster.
12. 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.
13. 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.
14. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
15. Photography and Videography should also be done during collection of baseline data.
16. Noise Monitoring on following locations be conducted for one season (winter):-
 - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
 - (b) Two monitoring station one each at Naktapata square and nearby water body.
 - (c) Three monitoring station within the cluster area near installed crushers.
17. 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.
18. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
19. 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.
20. A drainage plan for entire cluster and surface run off management plan.
21. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.

22. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
23. Public consultation be conducted as per EIA Notification, 2006.
24. 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.
25. Provide details of court cases/ litigations pending, if any.

7. Case No. – 6464/2019 M/s Shree Jee Granite, Kali Mai Santar, Murar, Dist. Gwalior, MP – 474001 Prior Environment Clearance for Stone (Gitti) Quarry in an area of 0.50 ha. (65,000 cum per annum) (Khasra No. 3717/2), Village - Biloua, Tehsil - Dabra, Dist. Gwalior (MP).

This is case of Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3717/2), Village - Biloua, Tehsil - Dabra, Dist. Gwalior (MP) 0.50 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-157 dated: 02/07/15 has reported that there are 13 more mines operating or proposed within 500 meters around the said mine with total area of 23.548 ha., including this mine.

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Stone (Gitti), from 2,640 cum./year to 65,000 cum/ year. Being it's a case of Stone Quarry with total area of 23.548 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. Compliance of earlier EC conditions from competent authority.
2. Number of benches proposed for production of 1,00,000 cum/ Year and space available at pit bottom.
3. Some sheds are in existence within the lease in the north- west corner of the lease for which PP shall provide the details and their demolition plan in EIA report.

4. Year wise details of minerals already excavated till date should be submitted with EIA report.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional Office.
6. Level of mechanization should be discussed in the EIA report.
7. Hydro- geological study should be carried out if ground water intersection is proposed.
8. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
9. 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.
10. 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.
11. 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.
12. Air pollution control measures adopted by each mine and crusher in the cluster.
13. 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.
14. 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.
15. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
16. Photography and Videography should also be done during collection of baseline data.

- 17.Noise Monitoring on following locations be conducted for one season (winter):-
- (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
 - (b) Two monitoring station one each at Naktapata square and nearby water body.
 - (c) Three monitoring station within the cluster area near installed crushers.
- 18.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.
- 19.Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
- 20.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.
- 21.A drainage plan for entire cluster and surface run off management plan.
- 22.Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.
- 23.Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
- 24.Public consultation be conducted as per EIA Notification, 2006.
- 25.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.
- 26.Provide details of court cases/ litigations pending, if any.

8. Case No. – 6465/2019 M/s Shree Jee Granite, Kali Mai Santar, Murar, Dist. Gwalior, MP – 474001 Prior Environment Clearance for Stone (Gitti) Quarry in an area of 1.582 ha. (1,15,000 cum per annum) (Khasra No. 3717/2), Village - Biloua, Tehsil - Dabra, Dist. Gwalior (MP).

This is case of Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3717/2), Village - Biloua, Tehsil - Dabra, Dist. Gwalior (MP) 1.582 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-37 dated: 02/07/15 has reported

that there are 22 more mines operating or proposed within 500 meters around the said mine with total area of 44.75 ha., including this mine.

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Stone (Gitti), from 49,184 cum./year to 4,15,000 cum/ year. Being it's a case of Stone Quarry with total area of 44.75 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. Compliance of earlier EC conditions from competent authority.
2. Number of benches proposed for production of 1,00,000 cum/ Year and space available at pit bottom.
3. Some sheds are situated within the lease in the north- west corner of the lease PP shall be submitted demolition plan of these structures.
4. Year wise details of minerals already excavated till date should be submitted with EIA report.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional Office.
6. Level of mechanization should be discussed in the EIA report.
7. Hydro- geological study should be carried out if ground water intersection is proposed.
8. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
9. 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.
10. 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.
11. 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.
12. Air pollution control measures adopted by each mine and crusher in the cluster.

13. 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.
14. 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.
15. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
16. Photography and Videography should also be done during collection of baseline data.
17. Noise Monitoring on following locations be conducted for one season (winter):-
- (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
 - (b) Two monitoring station one each at Naktapata square and nearby water body.
 - (c) Three monitoring station within the cluster area near installed crushers.
18. 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.
19. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
20. 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.
21. A drainage plan for entire cluster and surface run off management plan.
22. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.
23. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.

24. Public consultation be conducted as per EIA Notification, 2006.
25. 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.
26. Provide details of court cases/ litigations pending, if any.

9. Case No. – 6467/2019 M/s Shree Balaji Granite, 502, Satyam Residency Tower, Alkapuri, City Centre, Dist. Gwalior, MP Prior Environment Clearance for Stone (Gitti) Quarry in an area of 0.680 ha. (20,000 cum per annum) (Khasra No. 161/2, New No. 207), Village - Turakpura, Tehsil - Gwalior, Dist. Gwalior (MP).

This is case of Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 161/2, New No. 207), Village - Turakpura, Tehsil - Gwalior, Dist. Gwalior (MP) 0.680 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-951 dated: 08/12/14 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.147 ha., including this mine.

The case was presented by the PP and their consultant wherein PP stated that they have applied for considering their case as B-1 category but there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.147 ha., including this mine, hence, their case become B-2 category. The committee after deliberation decided to consider it as B-2 category.

During presentation as per Google image based on coordinates provided by PP, observed that the shed like structure are situated within the lease area and no other sensitive features were observed. After presentation the committee asked to submit following details:

- Some sheds are situated within the lease in the north- west corner of the lease PP shall be submit details of these structure and demolition plan as proposed during presentation.
- Area available at pit bottom for production of 20,000 cum/year stone in an area of 0.680 ha.
- Bench configuration with details.

- Legible copy of EC issued by DEIAA and status of its compliance.
- Under CER activity proposal for smart class, water filters in the affected village. .

10. Case No. – 6468/2019 M/s Shree Balaji Granite, 502, Satyam Residency Tower, Alkapuri, City Centre, Dist. Gwalior, MP Prior Environment Clearance for Stone (Gitti) Quarry in an area of 0.732 ha. (20,000 cum per annum) (Khasra No. 51), Village - Berja, Tehsil - Gwalior, Dist. Gwalior (MP)

This is case of Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 51), Village - Berja, Tehsil - Gwalior, Dist. Gwalior (MP) 0.732 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-61 dated: 17/06/15 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.147 ha., including this mine.

The case was presented by the PP and their consultant wherein PP stated that they have applied for considering their case as B-1 category but there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.147 ha., including this mine, hence, their case become B-2 category. The committee after deliberation decided to consider it as B-2 category.

During presentation as per Google image based on coordinates provided by PP, wherein observed that the natural stream at a distance of >130 meters in the north- west side and no other sensitive features were observed within 500 meters of the lease area. After presentation the committee asked to submit following details:

- Area available at pit bottom for production of 20,000 cum/year in an area of 0.732 ha.
- Bench configuration with details.
- Legible copy of EC issued by DEIAA and status of its compliance.
- Revised plantation species remove species like Anar, santara and Papita.
- Under CER activity proposal for smart class, water filters in the affected village.

11. Case No. – 6462/2019 Shri Bapu Lal Sharma, R/o Village - Banikhedi, Tehsil - Dalouda, Dist. Mandsaur, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (10,000 cum per annum) (Khasra No. 836), Village - Banikhedi, Tehsil - Dalouda, Dist. Mandsaur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 836), Village - Banikhedi, Tehsil - Dalouda, Dist. Mandsaur (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. 969 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.00 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive feature were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Shed like structures	>250	North-west corner	Three rows of plantation.
Settlement	>400	North-west corner	
Pakka Road	>500	South	-

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After presentation the committee asked to submit following details:

- Revised plantation programme as suggested by committee.
- Revised CER as discussed during presentation.

PP has submitted the response of above quarries same date vide letter dated 31.08.2019, 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 10,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.19 Lakh as capital and Rs. 02.16 Lakh/year. Under CER Rs. 1.65Lakh/ for 05 years has proposed.

12. Case No. – 6463/2019 Shri Dwarka Prasad Mahajan, R/o Village - Bardiya Amra, Tehsil - Garoth, Dist. Mandsaur, MP Prior Environment Clearance for Stone Quarry in an area of 1.00 ha. (15,000 cum per annum) (Khasra No. 578/1), Village - Bardiya Amra, Tehsil - Garoth, Dist. Mandsaur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 578/1), Village - Bardiya Amra, Tehsil - Garoth, Dist. Mandsaur (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. 378 dated: 21/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

13. Case No. – 6344/2019 Smt. Rajkumari Diwedi, Daddari, Tehsil - Nowgong, Dist. Chhatarpur, MP – 471001 Prior Environment Clearance for Metal Stone Quarry in an area of 2.00 ha. (62,937 cum per annum) (Khasra No. 919), Village - Khakari Virpura, Tehsil - Nowgong, Dist. Chhatarpur (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 919), Village - Khakari Virpura, Tehsil - Nowgong, Dist. Chhatarpur (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. 589 dated: 22/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 4.76 ha., including this mine.

Earlier this case was scheduled for presentation in 386th SEAC meeting dated 06/08/2019 wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in 383rd SEAC meeting dated 10/07/2019. 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 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 386th SEAC meeting dated 06/08/2019 and 383rd SEAC meeting dated 10/07/2019. 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.

14. Case No. – 6473/2019 Shri Ajay Tripathi S/o Shri Raj Bihari Tripathi, 15, Palash Palace, Dist. Indore, MP – 452001 Prior Environment Clearance for Metal Stone Quarry in an area of 1.20 ha. (17,442 cum per annum) (Khasra No. 27 Parts), Village - Hinotiya, Tehsil - Jabalpur, Dist. Jabalpur (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 27 Parts), Village - Hinotiya, Tehsil - Jabalpur, Dist. Jabalpur (MP) 1.20 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 828 dated: 29.06.2019 has reported that

one more mines operating or proposed within 500 meters around the said mine with total area of 2.40 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, observed that the lease area is falling on hillock where elevation difference is about 04 meters, within 500 meters following sensitive feature were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural stream	>150	North	Provision of Garland drain and settling tanks.
Pakka road	>250	East	Two rows of plantation.
Canal	>700	North –west	-

After presentation the committee asked to submit following details:

- Submit P -II form.
- Top soil management plan.
- Revised plantation scheme.
- Revised EMP.
- Under CER activity proposal for organic farming propagation and cow shed in the affected village.

PP has submitted the response of above quarries same date vide letter dated 30.08.2019, 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 Metal Stone 17,442 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.70 Lakh as capital and Rs. 1.93 Lakh/year. Under CER Rs. 0.50 Lakh/ year has proposed.

15. Case No. – 6472/2019 M/s Shri Narsingh Stone Crusher, R/o Ward No. 23, Front of Mariya Mata Mandir, Choubey Colony, Dist. Chhatarpur, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 4.00 ha. (80,874 cum per annum) (Khasra No. 2218 Parts), Village - Bagauta, Tehsil - Chhatarpur, Dist. Chhatarpur (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2218 Parts), Village - Bagauta, Tehsil - Chhatarpur, Dist. Chhatarpur (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. 2505 dated: 03/06/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, observed that the lease area is already excavated and lease is situated on hillock where elevation difference is about 14 meters, within 500 meters following sensitive feature were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Sheds	Within lease and outer margin in the eastern end	East	PP stated that ownership of these sheds is possessing by PP.
Water body	>700	NW	

After presentation the committee asked to submit following details:

- Commitment that transportation shall be done through trucks of 40 Ton capacities.
- Under CER activity proposal for Bagauta village as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 30.08.2019, 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 80,874 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 19.68 Lakh as capital and Rs. 02.99 Lakh/year. Under CER Rs.03.60 Lakh/ year has proposed.

16. Case No. – 6474/2019 M/s Maneesha Stone Crusher, Smt. Sarita Agrawal W/o Shri Gaya Prasad Agrawal, R/o Amarkantak, Tehsil - Pusparajarg, Dist. Anuppur, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 1.210 ha. (11,115 cum per annum) (Khasra No. 630, 636, 637/1 Parts), Village - Lalpur, Tehsil - Pusparagarh, Dist. Anuppur (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 630, 636, 637/1 Parts), Village - Lalpur, Tehsil - Pusparagarh, Dist. Anuppur (MP) 1.210 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter No. 275 dated: 13/02/2016 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, observed that the lease area is already excavated and surrounded by habitations for which PP submitted that they have got the lease in this condition and same has been shown on surface map also. Within 500 meters following sensitive feature were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Habitations (All around the lease)	>400 >160 >140 >130	North East West South	PP submitted that no blasting will be done and mineral will be excavated through rock breaker machine.

Pakka road	>150	South	Three rows of plantation.
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After presentation the committee asked to submit following details:

- Revise method of mining as no blasting shall be carried out and instead of blasting only rock breaker machine will be used.
- Affidavit from PP regarding mining was not done since 2013.

PP has submitted the response of above quarries same date vide letter dated 31.08.2019, 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 Metal Stone 11,115 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.44 Lakh as capital and Rs. 2.40Lakh/year. Under CER Rs. 0.80 Lakh/ year has proposed up to five years.

17. Case No. – 6450/2019 Shri Brajmohan Baghel, Banki, Tehsil - Seoni, Dist. Seoni, MP – 480661 Prior Environment Clearance for Crusher Stone Mine in an area of 1.40 ha. (20,000 cum per annum) (Khasra No. 910), Village - Banki, Tehsil - Seoni, Dist. Seoni (MP)

This is case of Crusher Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 910), Village - Banki, Tehsil - Seoni, Dist. Seoni (MP) 1.40 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. 186 dated: 10/06/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive feature were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Un-used canal	Within lease	-	Tehsildar letter no. 1799 dated 13.05.2019 mentioned that this is unused canal.
Canal	240 & 470	West & South	Provision of settling tanks and garland drain in this side.
Canal	70	west	As per Tehsildar's certificate- not in use.
Pucca Road	440	West	-
Water body	250	West	-

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 Metal Stone 20,000cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 14.58 Lakh as capital and Rs. 3.20 Lakh/year. Under CER Rs. 2.87 Lakh has proposed for five years .

18. Case No. – 6451/2019 Shri Maksud Kha, Tehsil - Narsingharh, Dist. Rajgarh, MP – 465661 Prior Environment Clearance for Basalt Stone Quarry in an area of 1.00 ha. (2,850 cum per annum) (Khasra No. 319/3/1), Village - Dand, Tehsil - Biaora, Dist. Rajgarh (MP).

This is case of Basalt Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 319/3/1), Village - Dand, Tehsil - Biaora, Dist. Rajgarh (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. 459 dated: 12/03/19 has reported that

there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 2.473 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that surface drainage is originating from the lease. PP stated that this area shall be as no – mining area, within 500 meters following other sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha road	>250	South	-
Natural Drain	50	North- east	Provision of settling tanks and garland drain in this side.
Trees (05)	Within lease	-	Permission from the competent authority shall be taken before any trees failing.

After presentation the committee asked to submit following details:

- Revised surface map showing no- mining area around surface drain originating from the lease area.
- Inventory of trees existing in the lease area.
- Under CER activity proposal for dumping yard for MSW affected village. .

PP has submitted the response of above quarries same date vide letter dated 31.08.2019, 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 Metal Stone 2,850 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.61 Lakh as capital and Rs. 2.81 Lakh/year. Under CER Rs. 0.45 Lakh/ year has proposed.

19. Case No. – 6442/2019 Smt. Sadhna Shankhla W/o Shri Mahesh Shankhla, Village - Pujapura, Tehsil - Bagli, Dist. Dewas, MP – 455227 Prior Environment Clearance for Metal Stone Quarry in an area of 1.470 ha. (8,550 cum per annum) (Khasra No. 284/6, 284/13), Village - Pujapura, Tehsil - Bagli, Dist. Dewas (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 284/6, 284/13), Village - Pujapura, Tehsil - Bagli, Dist. Dewas (MP) 1.470 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 Ekal Praman-Patr (Collector Office) letter No. 388 dated: 27/03/19 has reported that there are one more mines operating or proposed within 500 meters around the said mine with total area shall be 2.270ha..

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.

20. Case No. - 5745/2018 M/s Virasha Infrastructure, Through Partner Shri Vivek Chauhan, 25-6, Walmi Road, Chunna Bhatti, Bhopal, (M.P.) – 462016. Prior Environment Clearance for Construction of Residential Project "Virasha Heights" on Khasra No. 401/4/1(kha), 401/4/2(kha), 401/2, 401/3, 401/4/4/4(gh), 401/4/3(ga), 401/4(ka), 401/4/3(kha), 400/2, 401/1 & 400/1), (Total Plot Area = 29914.72 sqm.) at Village - Banjari, Tehsil - Huzur & Dist. - Bhopal, (M.P.). Total Plot Area- 29914.72 m² (2.99 Ha. Or 7.39 Acre) Total Built up Area – 44591.3 m²., Category: 8(a) Building & Construction Project. ENV Developmental Assistance Systems Pvt. Ltd, Lucknow (U.P.).

This is case of Proposed Residential Construction Project (Total Plot Area = 29914.72 sqm.) at Village - Banjari, Tehsil - Huzur & Dist. - Bhopal, (M.P.). Total Plot Area- 29914.72 m² (2.99 Ha. Or 7.39 Acre) Total Built up Area – 44591.3 m². Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 331st SEAC meeting dated 25/10/2018, wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the it's a case of violation.

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

Construction Status: The project is a case of violation on account of not securing prior environment clearance before starting the construction activities at site. The construction work was started at site and before the application was submitted to MPSEIAA for grant of prior environmental clearance.

Type of dwelling units	Units proposed	Units completed	Units Incomplete/Not yet started	Possession Given	Percentage
Flats	384	288	96	140	
Duplex	24	7	17	7	
EWS/LIG	33	0	33	0	

Site Details:

S. No	Items	Details
1.	Type of Building	Residential
2.	Total plot area	29914.72 m ²
3.	Net plot area	29914.72 m ²
4.	Ground Coverage Details	Permissible Multiunit @40% Plotted @60% Proposed =11850.1 m²
5.	Permissible FAR	Permissible FAR @1.25 = 37393.4 sqm Proposed FAR Total – 37393.4 m ²
6.	Non- FAR details	Stilt = 6524.80 m ² Informal Sector = 673.1 m ²
7.	Total Built-up area	44591.3 m² including Non-FAR (MoEF)
8.	Open/ Park Area (Landscape)	3239.76 m² (10.83% of net plot area)
9.	Road and internal circulation space/ Paved area	12059 m²(40.31%)
10.	No. of Trees	Total no. of trees required: 1 Tree/ 100 m ² of Open Area = (Total Planning Area-Ground Coverage)/100

		= 18064.6/100=181 Trees Proposed: 185 Trees
11.	No of units to be developed	No. of multi units: 384 Duplex : 24 EWS : 33
12.	No of multi dwelling units	8 Towers (16 Blocks)
13.	Height of Building	21 m
14.	Area Utilization	(S+6)
15.	Estimated Population (fixed + floating)	Multiunit:1920 (@ 5 person per unit) Duplex : 120 (@ 5 person per unit) EWS : 165 (@ 5 person per unit) Floating: 221 (10% of total population) Staff: 110 (5% of total population)
16.	Parking facilities	Required Parking as per T&CP=250 Vehicle spaces Visitors Parking @10% = 25 Vehicle spaces Total = 275 Vehicle spaces Provided: Stilt Parking = 217 Vehicle Space Open Parking =167 Vehicle Space Total Provided Parking = 384 Vehicle Space
17.	Power requirement &source	1896 kVA Source : MPMKVVCL, Bhopal
18.	Power Backup	1 DG sets of 165 kVA for common services
19.	Water Requirement and Source	Fresh water: 148 KLD Recycled treated water: 70 KLD Total water: 218 KLD Source: Municipal water supply
20.	Sewage Treatment and Disposal	Amount of waste water generated : 178 KLD STP Capacity: 270 KLD (~20% higher capacity) Technology: MBBR
21.	Solid Waste Generated	Domestic waste : 1554 kg/day Horticultural waste : 29 kg/day E- waste : <1kg/day
22.	Connectivity	Bhopal city as well as the proposed project site has a perfect central connectivity to India's all metro cities and other important markets. The proposed site is located 11 km from the Bhopal city and 8.5 km from NH-12 (Bhopal Bypass Road). Kolar road is 1.75 Km (West) and BRTS Corridor is 2.75 Km in east direction from project site. The nearest railway station is Misrod Railway and Habibganj Railway Station which are at an aerial distance of 2.5 km (S) and 5.5 km (N) from the project site respectively. The nearest airport is the Raja Bhoj International Airport, which is about 16 km (NW) from the proposed site. Apart from this, State Road Transport bus services provide regular and frequent connectivity to the people to and from Bhopal

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8th March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may be granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage).
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PM2.5, SO₂, NO_x & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-

vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.

12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

PP has submitted the EIA report vide letter dated 03/08/2019 which was forwarded through SEIAA vide letter no. 1900 dated 14/08/2019.

The case was scheduled for presentation but PP via e-mail dated 27.08.2019 requested for postponement of presentation due to some unavoidable condition, hence, he wouldn't be able to present the case before SEAC and requested to schedule this case in next upcoming SEAC meeting on 31/08/2019, which was considered by the committee and decided that if on 31/08/2019 time permits after all the scheduled presentations.

The case was scheduled for presentation, wherein EIA incorporating remediation plan and natural community resource augmentation plan was presented by the PP and their consultant with following details:

Chronology of the project:

- The application was submitted in MPSEIAA for environmental clearance on 13/11/2015.
- Project was appraised in 270th & 279th SEAC meeting dtd. 01.03.2016 & 2.07.2016 respectively.
- Our submitted documents stated that the construction activity has already been initiated at site. The Committee decided that it is a case of violation of provisions of EIA Notification 2006.

- The committee returned the application to MPSEIAA for credible action as per O.M. of MOEF & CC dated 12-12-2012.
- SEIAA vide letter no. 10091 dated 31/12/2015 has forwarded the case with documents pertaining to carryout site visit.
- A two member sub committee comprises Shri K. P. Nyati, Member SEAC , Shri Manohar K. Joshi, Member SEAC & Dr. Sunil Sudhakaran, Scientist, MPPCB visited the site on 09/06/2016 along with the PP and their consultant.
- Site visit report was discussed in 285th SEAC meeting dated 26/12/16 and file sent to SEIAA.
- Being a violation project, the authority was of the view to keep the projects in abeyance till finalization of draft notification by MoEF & CC , dated 10.05.2016, having direction to appraise the Violation cases.
- Ministry has issued notification S.O. 804 (E) dtd. 14.03.2017 providing guidelines to bring violation activities in compliance with environmental law at the earliest point of time.
- Considering the guidelines of MoEF & CC , EC application was rejected by MPSEIAA in SEIAA meeting .
- The EC application was again submitted to EAC (violation) MoEF &CC on 13th September 2017 For grant of ToR.
- Again the application was sent back to MPSEIAA considering the guidelines for appraisal as mentioned in S. O. 1030 (E) dated 08.03.2018.
- Project was listed for appraisal in 331st SEAC meeting dated 25.10.2018.
- ToR has been issued vide letter no. 374/PS-MS/MPPCB/SEAC/ToR(331)/2018 dated 07/12/2018.
- Baseline Monitoring period: December 2017-February 2018(Already done)
One month validation monitoring was also done during December 2018 to January 2019 by a NABL accredited laboratory, RIMS New Delhi as per the instruction from the honorable committee.

- The case (EIA) was submitted online on 19th July 2019 & in hardcopy on 7 August 2019.
- Now the project is listed for appraisal on 30th August 2019.

Construction Status

1. The total land area of the project is 29,914.72 Sq.m. and the proposed built up area of the project is 44,591.5 Sq.m.
2. The Project consists of multi story housing and Duplexes with all the basic amenities. The construction work for the project is already initiated and approximately 65% civil work has already been completed. As informed by the PP, 16 blocks are proposed out of which 08 are completed, 04 are incomplete (structure completed) and 04 blocks are yet to be constructed. Possession has been given for some of the flats. No construction activities were observed during site visit.
3. Only one Entry/exit is exists at this point in time for the project. Main entry /exits are through 12 m wide road and internal circulation roads are of 12 m, 7.5 m and 6 m width. Some internal roads have already been constructed. Peripheral plantation is present along the project boundary with approx. 100 plants.
4. Drainage pattern of the project is North-East of the project site towards Kaliyasot River. STP was found operational at the time of inspection.
5. For conflict free traffic and fire tender movement, arterial roads of 12 m, 7.5 m and 6 m are provided / proposed in the project. Circular roadway has been provided along the periphery of the project for movement of fire tenders. As per details provided by PP, Fire fighting equipments, such as wet risers and hose reels are proposed at site. Dedicated fire storage tanks of 25,000 liters capacity have been provided on the rooftop of the multistory buildings.
6. The water requirement for the residents will be sourced through the municipal supply. For treatment and recycling of treated water on site STP of capacity 270 KLD is installed and was found operational. STP tanks are installed below ground level and the machine room and pumps are installed on ground. Dual plumbing system has been provided for recycling of treated waste water.

7. Area for a 48 hours MSW collection & storage space has already been demarcated near the EWS area.
8. As per the information provided by PP, 03 Nos. of Rain Water Harvesting structures are proposed for the harvesting of roof top runoff water out of which 02 have been constructed. PP instructed to make arrangements for the flushing of first rain water to ensure that only clean water enters the recharge system.
9. As details provided by PP, 3239.76 Sq.m of area is dedicated for the landscaping purposes. PP has provided peripheral plantation.
10. PP also ensured to install energy saving appliances such as LED, CFL lightings in common areas with solar lights.
11. During site visit PP submitted the copy of online application filed for wild life clearance w.r.t Van Vihar National Park (a Notified PA) with proposal no. FP/MP/Others/611/2016.
12. During site inspection it was observed that Kaliasot River is just about the project boundary on the northern side boundary near entry gate. PP has developed garden and landscape area towards this side. PP was asked to develop thick green belt so that 33 meter distance could be maintained from the river and no construction activity should be under taken in this area.

Construction Status

S. No	Units details	Percentage construction
1	Residential units(Flats)	65%
2	Sewage Treatment Plant	Completed & Operational
3	Landscape/Plantation	100%
4	Road and internal circulation	70% Completed

5	Rain water Harvesting Pits	2 nos. of RWH pits already constructed
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Occupancy Details

Type of dwelling units	Units proposed	Units completed	Units Incomplete/Not yet started	Possession Given
Flats	384	250	134	110
Duplex	24	7	17	7
EWS/LIG	33	0	33	0

PP further stated that total 08 towers (16 blocks) in which 384 number of Flats , Duplex: 24 and EWS: 33 are proposed. At present 65% work of residential units (Flats) has been completed also possession of 110 flats and 07 duplex have been given. The height of the building is 21 meters is proposed.

After presentation and discussions it was observed by the committee that the remediation plans and natural community resource augmentation plan submitted by PP needs to be revised as suggested by committee. PP was asked to submit following information:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. An undertaking that
 - x. The area is developed as per the approved master plan.
 - xi. No tree cutting was carried out during execution of this project.
 - xii. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.

- xiii. No issue pertaining to R&R and land ownership is pending.
- xiv. Commitment of PP regarding no tree felling is being done for construction activity.
- xv. No GW was extracted during construction & operation of project.
- xvi. During construction phase RMC was used with its documentary evidence (bills copy to be annexed).
- xvii. Entire top soil was used for plantation & land scape development and no top soil was wasted.
- xviii. No DG sets were used during construction phase along with electricity bills.
- 3. Utilization- wise Land Use details as per approved T& CP approved layout.
- 4. Exact details of possession given.
- 5. Present drawl of fresh water
- 6. Details of STP with outlet clearance.
- 7. Details of present scenario of ETP/MSW/ water consumption.

DISCUSSION BASED ON QUERY REPLY SUBMITTED BY PP/PENDING SINCE LONG

21. **Case No. – 6143/2019 Shri Akash Mishra, R/o Berasia, Tehsil & Dist. Bhopal, MP – 463106 Prior Environment Clearance for Sand Deposit Quarry in an area of 1.790 ha. (38,722 cum per annum) (Khasra No. 19), Village - Bhanpur, Tehsil - Ajaygarh, Dist. Panna (MP)**

This is case of Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 19), Village - Bhanpur, Tehsil - Ajaygarh, Dist. Panna (MP) 1.790 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 Office vide letter no. 588 dated: 28/03/2019 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.04 ha., including this mine.

The case was presented by the PP and their consultant. PP stated that this is khodu bharu mine and this lease was obtained under temporary permit (TP) for two years period, method of mining will be open cast semi mechanized. During presentation as per Google image based on coordinates provided by PP it was recorded that the lease is in three parts and following sensitive features were observed within 500 meters of the lease area:

Earlier this case was discussed in 367th SEAC meeting dated 01/5/2019 where in query raised by Committee which asked to submit by PP. For this letter was also issued by SEAC to

submit the reply of query vide letter no. 350 dated 3/6/19. But so far PP has not submitted the reply.

Committee deliberated that as per GoMP, Mining Resources Department Letter No. 1951 dated 22/05/2019 (annexure-1) no sand mining be approved till the approval of New MP Sand Rules, 2019. Thus the case is differed to SEIAA for onward necessary action & instructions for appraisal of such cases in the light of above GoMP instructions.

22. Case No. – 6185/2019 Shri Akhilesh Tiwari, Village - Silaarpur, Tehsil - Srinagar, Dist. Mahoba, UP – 471001 Prior Environment Clearance for Sand Quarry in an area of 3.30 ha. (1,02,376 cum per annum) (Khasra No. 189, 191, 192, 193, 202/1), Village - Rampurghat, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 189, 191, 192, 193, 202/1), Village - Rampurghat, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.30 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 989 dated: 11/04/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.633 ha., including this mine.

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

Earlier this case was discussed in 371th SEAC meeting dated 21/5/2019 where in query raised by Committee which asked to submit by PP. For this letter was also issued by SEAC to submit the reply of query vide letter no. 380 dated 17/6/19. But so far PP has not submitted the reply.

Committee deliberated that as per GoMP, Mining Resources Department Letter No. 1951 dated 22/05/2019 (annexure-1) no sand mining be approved till the approval of New MP

Sand Rules, 2019. Thus the case is differed to SEIAA for onward necessary action & instructions for appraisal of such cases in the light of above GoMP instructions.

23. **Case No. – 6144/2019 Shri Rakesh Yadav, Village - Bhanpur, Tehsil - Ajaygarh, Dist. Panna, MP Prior Environment Clearance for Sand Deposit Quarry in an area of 1.350 ha. (18,121 cum per annum) (Khasra No. 203/1, 203/2, 215/1, 215/2, 218/1, 218/2), Village - Bhanpur, Tehsil - Ajaygarh, Dist. Panna (MP).**

This is case of Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 203/1, 203/2, 215/1, 215/2, 218/1, 218/2), Village - Bhanpur, Tehsil - Ajaygarh, Dist. Panna (MP) 1.350 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 Office vide letter no. 1865 dated: 02/03/2019 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. PP stated that this is khodu bharu mine and this lease was obtained under temporary permit (TP) for two years period, method of mining will be open cast semi mechanized. During presentation as per Google image based on coordinates provided by PP it was recorded that the lease is in three parts and following sensitive features were observed within 500 meters of the lease area:

Earlier this case was discussed in 367th SEAC meeting dated 01/5/2019 where in query raised by Committee which asked to submit by PP. For this letter was also issued by SEAC to submit the reply of query vide letter no. 384 dated 3/6/19. But so far PP has not submitted the reply.

Committee deliberated that as per GoMP, Mining Resources Department Letter No. 1951 dated 22/05/2019 (annexure-1) no sand mining be approved till the approval of New MP Sand Rules, 2019. Thus the case is differed to SEIAA for onward necessary action & instructions for appraisal of such cases in the light of above GoMP instructions.

24. **Case No. – 6215/2019 Sarpanch/Sachiv, Gram Panchayat, Village - Barigarh, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Sand**

Quarry in an area of 3.999 ha. (53708 cum per annum) (Khasra No. 561), Village - Parei, Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 561), Village - Parei, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.999 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. 1615 dated: 14/3/2019 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. During presentation as per Google image of Jan-2019 based on coordinates provided by PP, it was observed that > 60% of the lease area is under water submergence. Committee asked PP to submit revised operational production plan by calculating the volume of sand that can be evacuated from the remaining dried area for further consideration of this project.

Earlier this case was discussed in 374th SEAC meeting dated 25/5/2019 where in query raised by Committee which asked to submit by PP. For this letter was also issued by SEAC to submit the reply of query vide letter no. 368 dated 17/6/19. But so far PP has not submitted the reply.

Committee deliberated that as per GoMP, Mining Resources Department Letter No. 1951 dated 22/05/2019 (annexure-1) no sand mining be approved till the approval of New MP Sand Rules, 2019. Thus the case is differed to SEIAA for onward necessary action & instructions for appraisal of such cases in the light of above GoMP instructions.

25. Case No. – 6189/2019 M/s Shri Dadaji Stone Crusher, Makan No. 91, Gali No. 03, Sindhi Colony, Dist. Khandwa, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 2.49 ha. (78,697 cum per annum) (Khasra No. 353/1, 353/2, 354/1, 354/2 Parts), Village - Takalimori, Tehsil - Khandwa, Dist. Khandwa (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 353/1, 353/2, 354/1, 354/2 Parts), Village - Takalimori, Tehsil - Khandwa, Dist. Khandwa (MP) 2.49 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. 5605 dated: 128/03/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sr. No	Sensitive Feature	Approximate aerial distance from the lease area in meters	Direction	Remark
1.	Village Kachcha Road	>10	West	Thick plantation.

After presentation the committee asked to submit following details:

- Top soil and weathered material management plan.
- Revised EMP as suggested by the committee.
- Revised CER (include community hall, village infrastructure management, website development for displaying EMP/ CER activity) as suggested by the committee.

Earlier this case was discussed in 370th SEAC meeting dated 20/5/2019 where in query raised by Committee which asked to submit by PP. For this letter was also issued by SEAC to submit the reply of query.

PP has submitted the response of above quarries vide letter dated 28.08.2019, 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 78,697 cum/annum.

2. A budgetary provision for Environmental management Plan of Rs. 9.17 Lakh as capital and Rs. 2.45 Lakh/year. Under CER Rs. 3.35 Lakh has proposed.

26.6419/2019 M/s Banafar Granite, Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur, MP, Prior Environment Clearance for Stone Quarry in an area of 0.632 ha. (20,000 cum per annum) (Khasra No. 1920), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1920), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 0.632 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 Assistant Mining Officer (Collector Office) letter No. 1052 dated: 14/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by PP and their consultant in 389th SEAC meeting dated 09/08/2019 wherein it was observed by the committee that it is a case of lease transfer and valid till 2021. As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Isolated sheds	157	North -west	Three rows of plantation.

The lease is situated on the hillock and 4 meters elevation difference was observed. After presentation the committee asked to submit following details:

1. Revised plantation nos. for 640 plants.
2. PP commitment that seeds of prosopis shall be planted at margin of garland drain.

3. Revised EMP, as cost of road shall be calculated as @800 per meters, PPEs numbers and budget for wind breaking wall.

PP has submitted the response of above quarries vide letter dated 21.08.2019, 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 20,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.53 Lakh as capital and Rs. 0.964 Lakh/year. Under CER Rs. 0.80 Lakh/year has proposed.

27.6279/2019 Shri Tanveer Qureshi S/o Shri Hamid Qureshi, Ward No. 13, Ashok Nagar, Dist. Raisen, MP – 464001 Prior Environment Clearance for Stone Quarry in an area of 0.809 ha. (5,059 cum per annum) (Khasra No. 1/2), Village - Bhusimeta, Tehsil - Raisen, Dist. Raisen (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 - Bhusimeta, Tehsil - Raisen, Dist. Raisen (MP) 0.809 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. 363 dated: 25/04/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

During presentation (in 389th SEAC meeting dated 09/08/2019) as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remark
SH19	400m	North -East	-
Natural Drain	250	North	-

Kachcha road	25	South	-
Settlement	55	South -East	Protection plan is needed

After presentation PP was asked to submit following details:

- Protection plan for nearest habitation is to be proposed by the PP.
- Revised EMP with revised design & dimensions of proposed settling tank and garland drain and add cost of water for dust suppression.
- Revised CER by adding name of villages where CER will be carried-out & project cost as suggested by the committee.
- Undertaking that crusher will not be installed within lease area.
- Top soil management plan.

PP has submitted the response of above quarries 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 5,059 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.944 Lakh as capital and Rs. 2.59 Lakh/year. Under CER Rs. 0.30 Lakh has proposed.

28. Case No. – 6097/2019 M/s Denine Granites, Village - Ghosipur, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Crusher Stone Quarry in an area of 5.00 ha. (Production capacity-2,99,965 cum per annum) (Khasra No. 38), Village - Ghosipur, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 38), Village - Ghosipur, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 5.00 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. 1443 dated: 28/2/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation in 362nd SEAC meeting dated 15/04/2019 but, neither the Project Proponent (PP) nor his authorized representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

In this meeting(SEAC 371st meeting dated 21/05/2019), this case was again scheduled for presentation, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 362nd SEAC meeting dated 15/04/2019. 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, wherein it was recorded this is Crusher Stone Quarry with area of 5.00 ha, and SEIAA vide letter no 719 dated 21/05/2019 stated that all the case up to area of 5.00 ha will be granted for EC under B-2 category. Further it was recorded through Google image that it is a Hillock mining, and mining is proposed for 18 meters high and 39 meters below the ground level total 58 meters cutting is proposed, however a village is at a distance of 160 meters towards South-East direction. In order to keep the safety measures for the village, committee decided to visit the site for further necessary action regarding this Mine.

Earlier this case was discussed in 390th SEAC meeting dated 10/8/2019 where after inspection; committee recommends that following information shall be provided by PP for consideration of this case:

1. Commitment of PP to carryout transportation through 40 MT truck load capacity to minimize the number of trips.
2. Re-assess the number of trips/day with 40 MT loading capacity.

3. Commitment of PP for providing pucca evacuation route to carry 40 MT truck load considering the production vary high capacity with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides.
4. Commensurate budget for evacuation route shall be provided in the EMP.
5. Commitment of PP that no evacuation shall be carried out from the village side.
6. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be provided with Commensurate budget in EMP.

PP has submitted the response of above quarries same date vide letter dated 21.08.2019, which was placed before the committee wherein committee observed that PP has proposed transportation through 40 MT truck which will reduce the number of trips from approx 130 to 65 per day. Committee also observed that PP has proposed pucca evacuation route for which Rs. 39.00 lakhs has been proposed in the budget. The query reply submitted by PP was 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 2,99,965 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 76.606 Lakh as capital and Rs. 14.75 Lakh/year. Under CER Rs. 2.70 Lakh/ year has proposed

29. Delisting of TOR as their validity has expired & PP has not submitted desired information/EIA report.

TOR's were issued to the following cases and till date neither the EIA nor any request for TOR validity extension has received from PP and the validity of TOR has been expired. Hence, committee after deliberations decided that these following cases may be sent to SEIAA for delisting:

SN	Case No. Activity	SEAC Meeting details	Reason for delisting
1.	Case No.-5315/2016 M/s Digiana Industries Pvt. Ltd, G-1, Sapna Chambers, 12/1,	TOR Recommended in SEAC-II 46 th	ToR Valid was up to 25/8/2019. Since PP neither has applied for

	SOuth Tukoganj, Indore, MP Prior Environment Clearance for Sand mining in an area of 10.0 ha. (150000 cubic meter per year) at Khasra no.-369, Village-Karondmaphi , Tehsil - Khategaon, Dist. Dewas (MP)	meeting dt-26/8/16	TOR validity expansion nor has submitted EIA report, case may be deleted.
2.	Case No. 1680/2013 M/s Commercial Minerals, Mission Chowk, District Katni (MP)-483501 Environment Clearance for approval of 2.686 ha. Limestone Dolomite mine at Village - Pipariya, Tehsil-Sihora, Distt.-Jabalpur (M.P.)	TOR Recommended in SEAC-II 47 th meeting dt-27/8/16	ToR Valid was up to 26/8/2019. Since PP neither has applied for TOR validity expansion nor has submitted EIA report, case may be deleted.
3.	Case No. 5105/2016 Shri Naushad Bhagwagar, Partner, M/s The Central India Mining, R/o Gulab Rai Building, Opp. Nagar Nigam, Katni (MP) Prior Environment Clearance for Lime Stone & Dolomite mine in an area of 2.33 ha. (58,851 TPA) at Khasra no.-207, 208, 213, Village-Mohaniya, Tehsil-Murwara, District-Katni (MP)	TOR Recommended in SEAC-II 47 th meeting dt-27/8/16	ToR Valid was up to 26/8/2019. Since PP neither has applied for TOR validity expansion nor has submitted EIA report, case may be deleted.
4.	Case No. 1678/2013 M/s Commercial Minerals, Mission Chowk, District Katni (MP)-483501 Environment Clearance for approval of 5.200 ha. Limestone Dolomite mine at Village - Padrehi, Tehsil-Vijayraghavgarh, Distt.-Katni (M.P.) .	TOR Recommended in SEAC-II 47 th meeting dt-27/8/16	ToR Valid was up to 26/8/2019. Since PP neither has applied for TOR validity expansion nor has submitted EIA report, case may be deleted.
5.	Case No. – 6016/2019 Shri Narendra Singh Bagari, Village - Fuldari, Tehsil - Devdranagar, Dist. Panna, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 4.0 ha. (12350 cum per annum) (Khasra No. 1676/1 Parts) ,Village - Jharkuwa, Tehsil - Amanganj, Dist. Panna (MP)	Query raised in 360 th meeting dated 11/4/19	Issued letter no. 282 dated 15/5/19 and reminder was also sent to the PP vide letter no. 447 dated 30/7/19. PP so far has not submitted the desired information thus committee after deliberations decided that the case is recommended for delisting in the light of MoEF&CC OM file No. J-11013-5-2009-IA-II (part) dated 30/10/2012.
6.	Case No. - 5857/2019 Sarpanch, Gram Panchayat, Village - Silpatpura, Tehsil - Chandla, Dist. Chhatarpur, MP – 471516. Prior Environment Clearance for Sand Mine in an area of 4.00 Ha. (79,838 cum per annum) (Khasra No. 537 (Part)), Village- Silpatpura, Tehsil - Chandla, Dist. Chhatarpur (MP).	Query raised in 351 th meeting dated 16/3/19	Issued letter no. 216 dated 24/4/19 and reminder was also sent to the PP vide letter no. 433 dated 30/7/19. PP so far has not submitted the desired information thus committee after deliberations decided that the case is recommended for

			delisting in the light of MoEF&CC OM file No. J-11013-5-2009-IA-II (part) dated 30/10/2012.
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(Dr. R. Maheshwari)
Member

(Dr. A.K. Sharma)
Member

(Dr. Mohd. Akram Khan)
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/Murrum 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 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 obtained.

