

The 498th meeting of the State Expert Appraisal Committee (SEAC) was held on 06th April, 2021 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing -

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

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

1. **Case No 8363/2021 M/s Ayush Enterprises Bhopal, Shri Rakesh Agrawal, Partner, Sagar Plaza, 250, Zone-2, MP Nagar, Dist. Bhopal, MP - 462011 Prior Environment Clearance for Construction of Group Housing Project "Sagar Eden Garden" (Total Area - 10687.51 sqm, Total Built-up Area - 21864.23 sqm) at Village - Bawadiya Kalan, Tehsil - Huzur, Dist. Bhopal, (MP).**

This is case of Prior Environment Clearance for Construction of Group Housing Project "Sagar Eden Garden" (Total Area - 10687.51 sqm, Total Built-up Area - 21864.23 sqm) at Village - Bawadiya Kalan, Tehsil - Huzur, Dist. Bhopal, (MP)

Earlier this case was scheduled for presentation and discussion in 492nd SEAC dated 19/03/2021 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 30/3/2021 which was forwarded through SEIAA vide letter no. 45 dated 01/4/2021, which was placed before the committee.

The case was presented by the PP and their consultant in the 492nd SEAC dated 19/03/2021 wherein it was observed that this is a violation project and about 70% occupation has been completed and PP has applied for TOR in the window period provided by MoEF&CC vide Notification dated 09/Sep/2019. PP submitted the copy of that the proposal which was uploaded at Parivesh between the violation window periods from 04.09.2017.

After presentation committee asked PP to justify whether application for TOR was submitted within the window period. PP submitted the copy of that the proposal which was uploaded at Parivesh between the violation window periods from 04.09.2017 along with following details.

- Total project total proposed FAR was 19069.18 Sq.mt. which was <20000 Sq.mt.
- In view of that proponent had not applied for the prior Environmental Clearance of the project.
- At the time of consent (CTE) application it has been confirmed by the MPPCB that the total project built up area is 19069.18 Sq.mt + 2795.05 Sq.mt. Basement Area = 21864.23 Sq.mt. which is above 20000 sq.mt., well within the limit of EC Application.

Accordingly we have applied for the Environmental Clearance under violation window excepting the unawareness of the built up area calculations as per the MoEF&CC Guideline. Accordingly ToR was recommended.

PP has submitted the EIA report vide letter dated 30/3/2021 which was forwarded through SEIAA vide letter no. 45 dated 01/4/2021, which was placed before the committee.

EIA was presented by PP and their consultant. During presentation PP submits the following salient features of this project:

Salient Features of Project

S#	Items	Details
1	Type of Building	Residential
2	Total Land Area	10,687.51 sq mt
3	Area Under 24 m wide road widening	1,389.48 sq mt
4	Net Planning Area	9,298.03 sq mt
5	Ground Coverage	Permissible: 2,789.41 sq mt (30%) Proposed: 2,789 sq mt (30%)
6	FAR	Permissible: 15,096.23 sqm (Permissible FAR for Housing = $1.25 \times 9,298.03 = 11,622.53$ sqm (A) Additional FAR of area under road widening (As per Rule 61 of MPBVN-2012) = $1.25 \times 1,389.48 \times 2 = 3,473.70$ sqm (B) Total (A + B) = 15,096.23 sqm Proposed: 15,096.23 sqm
7	Total Basement area	2795.05 sqmt

8	Total Stilt area	2,795.05 sqm
9	Area open for services	92.90 sqm
10	Informal sector	1,085 sqm
11	Built up area (as per MoEF)	21,864.23 sq mt (15,096.23 sqm FAR + 2795.05 sqm stilt area + 2795.05 sqm basement area + 1,085 sqm builtup area of informal sector +92.90 sqm service area)
12	Green Area	Proposed: 929.8 sq mt (10% of plot area)
13	No. of Trees (Required-1 Tree/100 sqm of open area)	Required: 65 Trees Proposed: 100 Trees
14	Number of floors	B+S+6 floors
15	Parking facilities	Required Parking: 166 vehicle space Provided Parking: 203 vehicle space
16	Power requirement & Source	750 kVA Source : Madhya Pradesh Kshetra Vidyut Vitran Company Limited
17	Power Backup	1 DG set of 125 kVA
18	Water Requirement and Source	Fresh Water Demand : 103 KLD Recycled Water: 72 KLD Total Water Demand : 175 KLD Source: Municipal supply
19	Sewage Treatment & disposal amount of waste water generated	148 KLD (Required) 180 KLD (20% higher capacity proposed) MBBR
20	Solid Waste Generated	Domestic Waste 585 kg/Day Horticulture Waste – 4 kg/day E-waste < 1 Kg/Day
21	Total Dwelling Units	Residential: 192 LIG/EWS – 33
22	Estimated Population (fixed + floating)	Residential – 960 (@5 person per unit) LIG- 165(@5 person per unit) Visitors – 110 Staff-55
23	Height of the Building	Basement + Stilt + 6 floors (18m above ground)
Present Built-up Area Status of the Proposed Project		
1	Total Proposed Built-up Area	21864.23 m ² (100%)
2	Till Date Constructed Area	19896.44 m ² (91%)
3	Construction to be done	1967.79 m ² (9%)

PARKING DETAILS

Required Provided		
Parking Space Available (4-Wheeler)	Area (sqm)	Parking Provided
Basement Parking @ 35 m ² per ECS	3400 sqm (Excluding area for services)	97 ECS
Stilt Parking @ 30 m ² per ECS	2200 sqm (Excluding area for services)	73 ECS
Open Parking for EWS/LIG @ 25 m ² per ECS	825 sqm	33 ECS
Total	6425 sqm	203 Vehicle Space

WATER DEMAND

S. No.	Item Description	Residential
1	Domestic Water Requirement	103 KLD
2	Flushing Water Requirement	52.4 KLD
3	Landscaping & other uses	19.6 KLD
4	Total Water Demand	175 KLD
5	STP Capacity	180 KLD
6	Available Treated Water through STP	132 KLD
7	Used Treated Water	67 KLD
8	Extra Treated Water	65 KLD

148 KLD will be the total wastewater generated, which will be treated in the MBBR based STP of 180 KLD. Extra treated water of 65 KLD will be drained to sewer line of BMC and required permission has been obtained from BMC.

RAINWATER HARVESTING

Sl. No.	Description	Area Considered in m ²	Rainfall Intensity (m)	Runoff Coefficient	Total volume of water for RWH (m ³ /Hr)
Water Sources Development-Rainwater Harvesting (Post-construction)					
1	Roof Top Rainwater Harvesting				90
2	Road and Paved Runoff Rainwater Harvesting				133
3	Greenbelt Area Rainwater harvesting				7
Total					230

Total ground water recharge would be 230 m³/annum. Proposed recharge potential to be created by the project would improve ground water regime of the area and would contribute to positive groundwater environment. We have proposed 4 No. of RWH pits of 37 cum each recharge capacity.

SOLID WASTE GENERATION

S. No.	Particulars	Population	Waste Generated (kg/day)
1	Residential (@0.5 kg/day including LIG)	1125	562
2	Staff (0.15kg/day)	55	8
3	Visitors (0.15kg/day)	110	15
Total Solid Waste Generated			585
Horticulture Waste (@0.0037 kg/m ² /day)			4
E-Waste (0.15 kg/C/Year)			<1

POWER DEMAND

Parameters	Proposed Phase
Power requirement	750 KVA
Source	Madhya Pradesh Kshetra Vidyut Vitran Company Limited
Back-up power supply	1 Nos. of DG Sets with capacity of 125 KVA D.G set will be used for back-up power supply.

ENERGY CONSERVATION MEASURES

- The Energy Efficient Features are as below:
- Maximum utilization of natural light
- CFL/LED in the common areas
- Use of solar lights in open areas and landscaped area with 20% dual lighting system.
- All openings are shaded to reduce heat loss
- U-values of roof, external wall and fenestration will meet requirements as specified in the Energy Conservation Building Code (ECBC)
- The water supply pumping system will be provided with variable speed drive to conserve energy at part load.
- Compliance for Window glazing U-values if window to wall ratio is more than 30%
- Use of BEE 4-star rated, or equivalent appliances will be prompted

ESTIMATED POPULATION DENSITY

As the proposed project has already been developed or constructed. About 91% of project is already developed and are already in operational condition for resident. The project area is developed area, which is surrounded by individual residential units, apartments, commercial establishments. The area has social infrastructure amenities like education and health centers. The demography of the area will change as it will involve 1290 occupants where 960 nos. of residential (Apartment), 165 nos. of EWS and 165 nos. of others after full occupancy in the proposed housing project.

SATUTORY COMPLIANCES

ACT	COMPLIANCE
Water (Prevention and Control of Pollution) Act 1974	148 KLD will be the total wastewater generated, which will be treated in the MBBR based STP of 180 KLD. Extra treated water of 65 KLD will be drained to sewer line of BMC and required permission has been obtained from BMC. MBBR based sewerage treatment plant having capacity 180 KLD has been installed at site. Underground drains have been planned in most of the areas and are being constructed along with the

ACT	COMPLIANCE
	<p>development of sectors.</p> <p>Total ground water recharge would be 230 m³/annum. Proposed recharge potential to be created by the project would improve ground water regime of the area and would contribute to positive groundwater environment. We have proposed 4 No. of RWH pits of 37 cum each recharge capacity.</p> <p>Following measures will be taken for water conservation and to avoid any pollution.</p> <p>Use of water efficient plumbing fixtures (low flow sinks, water efficient dishwashers and washing machines). Water efficient plumbing fixtures use less water with no marked reduction in quality and service.</p> <p>Leak detection and repair techniques.</p> <p>Sweep with a broom and pan where possible, rather than hose down for external areas.</p> <p>Meter water usage; Implies measurement and verification methods.</p> <p>Monitoring of water usage is a precursor for management.</p> <p>Plants with similar water requirements shall be grouped on common zones to match precipitation heads and emitters.</p> <p>Use of flow-angle sprinklers for lawn areas.</p> <p>Select controllers with adjustable watering schedules and moisture sensors to account for seasonal variations and calibrate them during commissioning.</p> <p>Place 3 to 5 inches mulch on planting beds to minimize evaporation.</p>
Air (Prevention and Control of Pollution) Act 1981	<p>Emission Control from Construction Equipment: Construction equipment and heavy transport vehicles shall meet emission standards like Bharat Stage –III/Stage-IV requirements for vehicles. The operation and maintenance of all vehicles, equipment deployed on site by different contractors would be regulated and effectively monitored. The Pollution under Control (PUC) certification will be ensured for proper O&M of vehicles.</p> <p>Improved Maintenance: The other measures to reduce the air pollution on site are:</p> <p>On-Road- Inspection should be done for black smoke generating machinery.</p> <p>Promotion of use of cleaner fuel would be done.</p> <p>Vehicles having pollution under control certificate would be allowed to ply.</p> <p>Use of covering sheet to prevent dust dispersion at buildings and infrastructure sites, which are being constructed.</p> <p>Use of covering sheets should be done for trucks to prevent dust dispersion from the trucks, implemented by district offices.</p> <p>Reducing the speed of a vehicle to 20 kmph can reduce emissions by a large extent.</p> <p>Speed bumps would commonly be used to ensure speed reduction.</p> <p>During the operational phase, two major categories of air pollution sources are under focus; the rise in vehicular activity within the project site and diesel generator sets to be operated for back-up power supply would also be important source of air pollution. However, 1 Nos. of 125 KVA capacity of DG set will be used for back-up power supply in case of power failure as a power backup which is consider for identification of impact prediction during operation of project.</p> <p>The maximum/first highest predicted worst-case incremental GLC (24-hour average) of PM0.07098</p>

ACT	COMPLIANCE
	<p>µg/m³, SO₂ 0.00558 µg/m³, NO_x 2.15992 µg/m³ and CO 0.00082 µg/m³ due to operation of DG set at proposed project, as prescribed by ISCST3 model which all are well within the prescribed limit as standardized by CPCB. All values of the parameters for the project will be limited after a distance. No adverse impact will be done during operation of DG set for the project.</p>
<p>Forest Conservation Act 1980, Wildlife Protection Act, 1972</p>	<p>Van Vihar National Park is 10.01 km away in NW direction from the project site. But the project is not affected to the part due to project site one side of the Bhopal District i.e. between Van Vihar and project site, in between huge settlement with two major ponds are available. So, no impact is anticipated on the same.</p> <p>However, it is proposed to develop extensive green areas in the project site to improve the aesthetics of the area which will also help in reduction of air pollution, noise pollution and provide suitable habitat for local birds and animal species. Selection of the plant species would be done based on their adaptability to the existing geographical conditions and the vegetation composition of the forest type of the region earlier found currently observed.</p>
<p>Environment Protection Act 1986, Environment Protection Rules 1989.</p>	<p>To work with dedication for complete customer satisfaction by following the scientific methods of Building & Construction for minimal environment degradation and following all the safety procedures & industry standards. To review all the policies as per the amendments issued by Authorities. This policy shall be communicated to all the residents and staff.</p> <p>A Policy will be complied by following objectives:</p> <ul style="list-style-type: none"> Establish and maintain a well-defined environmental, health and safety management to guide its operations. Ensure that all residents and staff understand and adhere to its environmental related management program. Provide operations with the necessary resources, expertise, and training to effectively carry out its EHS management programs. Provide regular basis training program to the staff working on project site. Engage workers and other staff at all levels in programs directed towards minimizing adverse effects on the environment resulting from construction activity. Work proactively with governments and the public in the development of cost effective and realistic regulations that promote enhanced environment and safety protection. Promote environmental awareness among its residents and staff & their families and the communities in which it operates. Require those who provide services and products to practice good environmental stewardship. Organize regular health check-up camp on project site for workers or nearby residents. Mitigate environmental impacts through efficient use of resources and the reduction of input materials and waste. Maintain a high degree of emergency preparedness on site.
<p>Noise Pollution (Prevention & Control) Rules 2000</p>	<p>During operational phase, the following source of noise pollution is expected:</p> <ul style="list-style-type: none"> Increase in transportation noise within the project site. Working of DG sets.

ACT	COMPLIANCE
	<p>The railway line is passing nearby to the proposed site which may generate some noise, to prevent it, enclosure will be installed to the suitable locations.</p> <p>To mitigate the impacts of noise from diesel generator set during operational phase, the following measures are recommended.</p> <p>DG set will be housed in a suitable acoustic enclosure so that noise level at 1 m does not exceed 25 dB(A) as per CPCB standards or is meeting the local standard (whichever is higher).</p> <p>It will be ensured that the manufacturer provided acoustic enclosure as an integral part along with the diesel generator set. Further, enclosure of the services area with 4 m high wall will reduce noise levels and ensure that noise is at a permissible limit for residents and staff of the project and surrounding receptors.</p> <p>Proposed landscaping will also act as an effective means to control noise pollution.</p> <p>Honking will be discouraged.</p> <p>Properly designed internal road network will facilitate in free flow of traffic movement.</p>
Hazardous Waste Rule, 1989	<p>The solid waste generated from the project shall be mainly domestic waste and estimated quantity of the waste shall be 30 Kg/day. It will be handed over to government approved vendors. Solid Waste disposal permission has been granted by Office of Municipal Corporation, Bhopal.</p>
Solid Waste Management Rules, 2016	<p>Wastes which are likely to be generated in project will be mainly domestic in nature. Other wastes like construction waste; Municipal Solid Waste; Hazardous Waste, Plastic Waste and E-waste generated at the proposed project during development and operation phases will be collected from designated locations, segregated, transported, and disposed as per the applicable rules:</p> <p>Construction and Demolition Waste Management Rules; 2016</p> <p>Solid Waste Management Rules, 2016</p> <p>Plastic Waste Management Rules, 2016</p> <p>Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016</p>

After presentation and deliberation, it was observed by the committee that -

- The remediation's plan and natural community resource augmentation plan submitted by PP needs to be revised.
- Commitment from PP that above activities will be completed within 18 months time from the date of BG submission.

PP has submitted the response of above queries same date vide letter dated 06.04.2021 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 and CER.

CORPORATE ENVIRONMENT RESPONSIBILITY

Corporate Environment Responsibility (CER) Budget Allocation as per OM F.No. F.No.22-65/2017-IA.III dated 25th Feb2021,

CER activities as per notifications	Implementation area	Proposed Budget for CER
Infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, electrification including solar power, solid waste management facilities, avenue plantation etc.	Schools & Colleges of city and adjacent villages.	We have proposed Rs. 6.50 lakh against CER budget.

REMEDIATION & NATURAL AUGMENTATION PLAN

S.No.	Environme ntal	Remedial Plan/	Remedial Cost		Environme ntal Manageme nt Plan	EMP Cost		Remarks
	Factors/	Augmentati on Plan						
	Attributes		Capital Cost	Recurrin g		Capital Cost (INR)	Recurring	
				Cost			Cost (per annum)	
1	Land use as per Approved Master Plan by TNCP, Bhopal	Broken land is as per master plan approved by T&CP (enclosed land use area breakup & Undertaking as Annexure) NO VIOLATIO N	-	-	Project Capital Cost	19,65,880 00	--	T & CP Letter No. 798/L.P. 049/29/NAGRANI/ GKA/2012-13 Bhopal dated 17/04/2013

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation Plan	Capital Cost	Recurring		Capital Cost (INR)	Recurring	
	Attributes			g				
				Cost			Cost (per annum)	
2	Environmental Sensitive Places, Land Acquisition Status, Resettlement & rehabilitation	Land is in possession of M/s Ayush Enterprises land revenue record No R & R Applicable NO VIOLATION	-	-	Land is in possession of M/s Ayush Enterprises. All land records is enclosed with our EC Application .	-	-	
3	Baseline Environmental Quality (2014-17)	All the parameters are in the comfort zone in one season EIA study Monitoring data from 2014-17 is pending @ 30000/ year * 3 Years (2 Air, 2 Noise, 1 water)	--	90,000 (amount may be proposed for plantation or as per the suggestions of SEAC/SE IAA)	-	-	30,000	We have done EIA study. All baseline data results are found satisfactory
4	A) Land	Total land area 10,687.57sq.mt & Built-Up Area- 21864.23	-	-	Land is in possession of M/s Ayush Enterprises. All land	-	-	No Violation

S. No.	Environme ntal	Remedial Plan/	Remedial Cost		Environme ntal Manageme nt Plan	EMP Cost		Remarks
	Factors/	Augmentati on Plan	Capital Cost	Recurrin g		Capital Cost (INR)	Recurring	
	Attributes			Cost			Cost (per annum)	
		Sq.mt., Total quantity of topsoil has been used for the development of 929.8 sq.mt. of landscaping area.			records are enclosed with our EC Application .			
	B) Ground Water	No new ground bore well is done for construction purpose.	--	--	Not applicable, till date no bode well for ground water tapping is proposed.	--	--	NO VIOLATION
	C) Surface water	Not applicable, No Water body exist within the project lease area	--	--	Not applicable	--	--	NO VIOLATION
	D) Air	Water sprinkling had been done as per terms & condition of the work	2,00,00 0	0	Constructi on period = 4 years, Working Day =600	1,30,000	70,000.00	As per contract All bills submitting in hard copies to SEAC. (attached as Annexure)

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation Plan	Capital Cost	Recurring		Capital Cost (INR)	Recurring	
	Attributes			Cost			Cost (per annum)	
		order agreements (1 water tankers/day)		day	Per day water requirement = 4 KLD (1 Tanker @ 100/ tanker water cost)			
	E) Biodiversity	NOT APPLICABLE	--	--	NOT APPLICABLE	---	--	We have not created any change in the biodiversity of the area.
	f) Noise & Vibration	Site is fully barricaded; all modern and new machinery was used on site.)	1,50,000	0	Site Barricading material Sheet, Pipe & Fabrication	0	--	Bills submitted in hard copies. (attached as Annexure)
	g) Socio economy & Health	-	-	-	-	-		Done in EIA study
	g.a. Occupational Health checkup for 30 Workers	Initial Medical Examination (IME) for 30 workers	1,00,000	50,000	Initial Medical Examination (IME) for 30 workers deployed on Site.	-	50,000	Total Calculated value for occupational health and check-up, PPE's have been covered under remedial cost

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation on Plan	Capital Cost	Recurring		Capital Cost (INR)	Recurring	
	Attributes			Cost	Cost (per annum)			
				(amount may be proposed for plantation or as per the suggestions of SEAC/SE IAA)				
		Deployed on site.30X833 X4)			(833 Rs/workers) for a year.			

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation Plan	Capital Cost	Recurring		Capital Cost (INR)	Recurring	
	Attributes			Cost			Cost (per annum)	
5	Contour Plan With slopes, Drainage's pattern of the site and surrounding area any obstruction of the same by the projects.	No conversion is done in storm water drainage pattern on site	-	-	--	-	-	No Violation
6	Tree Felling	--			No tree felling is proposed.			No tree felling is proposed.
7	Tree plantation	Total trees planted & development of landscaping area	2,25,000	0	All type of landscaping development & maintenance including tree cost	2,00,000	1,00,000	All landscaping & Plantation work have been completed
8	Permission for forest Land	NOT APPLICABLE	-	-	NOT APPLICABLE	-	-	No forest area is involved in this project.

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation Plan						
	Attributes		Capital Cost	Recurring		Capital Cost (INR)	Recurring	
				Cost			Cost (per annum)	
9	Environment policy	Policy is part of Terms & Condition of mutual Agreement	-	-	-	-	-	Policy is part of Terms & Condition of mutual Agreement
10	Ground Water Classification	At construction phase no ground water has been used.	-	-	At construction phase no ground water has been used,	--	--	No violation
11	Source of Water	A – Construction Phase	--	--	--	--	--	During Construction phase we have used Water Tanker supply.
		B – Operational Phase	--	--	--	--	--	Water supply permission vide letter no. 749/S.Yantri/Jalkar ya/Zone 13/2019 Bhopal dated 01/02/2019.
								(attached as Annexure)
12	Source of Waste Water Treatment	180 KLDSTP installed.	0	--	180 KLD–Rs. 1377000.00 for civil construction (Labor, Material& Maintenance	12,42,000	1,35,000	Balance Sheet & Sample Bills are attached as Annexure. Installation in final stage.

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan ce Cost)	EMP Cost		Remarks
	Factors/	Augmentation Plan	Capital Cost	Recurring		Capital Cost (INR)	Recurring	
	Attributes			Cost			Cost (per annum)	
13	Dual Plumbing	Dual Plumbing for 91% of constructed area has been completed.	0	--	Dual Plumbing for 9% of construction yet to be done.	3,00,000	0	Balance Sheet & Sample Bills are attached as Annexure.
12	Rain Water Harvesting	4 No. Rain water harvesting pit of 37 cum. Each capacity has been constructed for the project.	1,50,000	--	Total 4 nos. of pits have been constructed on site for operational phase	50,000	0	--
13	Soil Characteristics & Ground Water Table	Total land area 10,687.57sq. mt. , & Built Up Area - 21864.23 Sq.mt. ,	--	--	4 m depth of rain water harvesting pits have been proposed,	--	--	NO VIOLATION
	Top Soil Conservation	Total quantity of topsoil has been used for the development of 929.8sq.mt. of landscaping			Quality of top soil & costing of its disposal			

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation Plan	Capital Cost	Recurring		Capital Cost (INR)	Recurring	
	Attributes			Cost			Cost (per annum)	
		area.						
14	Solid Waste Generation Treatment	All the construction waste has been reused for the filling of the low-lying project area.	1,75,000	0	Solid Waste will be reused in proposed boundary wall & stone pitching to reduce RCC work on site	1,50,000	30,000	MSW NOC vide letter No. Q/SW.V./2019 dated 23/02/2019
		Permission for Disposal of Solid waste is being proposed from BMC	--	--	Street garbage shall be controlled segregated transferred, and disposed off by Nagar Nigam Bhopal.	--	--	(attached as Annexure)
15	Energy conservation & Energy Efficiency (LED bulb & Solar System along with MPEB connection and Transformer)	LED Lights & other energy conservation	2,00,000	--	Provision for External Lighting including solar panels for streets lighting & common areas and LED light for commercial	1,50,000	65,000	We have proposed Solar Power.

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation Plan						
	Attributes		Capital Cost	Recurring		Capital Cost (INR)	Recurring	
				Cost			Cost (per annum)	
	or Installation)							
16	D G Sets	Till date RMC has been used for construction. No DG set have used for construction purpose.	-	-	-	1,50,000	1,00,000	We have not used DG set in our construction phase. (RMC bills attached as Annexure)
17	Parking & Roads	Approach road already exists sufficient space for Parking	-	-	Development of Open Parking & Other Services -	7,50,000	1,00,000	All adequate parking facilities have been provided as per T&CP norms.
18	Transportation of materials for construction	Till date 91% construction have been done.	--	50,000.00 (amount may be proposed for plantation or as per the suggestions of SEAC/SEIAA)	Storage hall/service yard will be for materials stacking during further 9% construction.	0	50,000	Some miscellaneous transportation work had not been done in appropriate manner. We are proposing some rounded amount in our remediation cost.
19	Disaster Management Plan	-	-	-	Centralized control room with	--	--	--

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation Plan	Capital Cost	Recurring		Capital Cost (INR)	Recurring	
	Attributes			g				
				Cost			Cost (per annum)	
					ERP system			
	a) Fire	Machines were equipped with their fire extinguishing equipments. Till date we have proposed fire provisions for our B+S+6 floors Residential Block which is under process.	4,00,000	50,000	Firefighting organizing and arrangement: External fire hydrant system, hose pipes, pumps with control panel, overhead tanks, first aid, fire extinguishers, sand buckets, Manual and automatic fire alarm, main security room etc.	1,30,000	50,000	All fire & safety facilities & Fire Tender Movement have been provided for our 1 No. B+S+6 Residential Block & entire project area.
	b) Accidental & First aid etc.	First aid kit & room provided on site, enclosed photos	--	25,000	First aid kit for worker's safety on site	--	25,000	
		No accident or injury is reported during the earlier construction						

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation Plan	Capital Cost	Recurring		Capital Cost (INR)	Recurring	
	Attributes			g				
				Cost			Cost (per annum)	
		period						
	c) Safety	All loading machines, dumpers & Equipments will be deployed as per safety norms mentioned in Agreement.	0	50,000.00	All loading machines, dumpers & Equipments will be deployed as per safety norms mentioned in Agreement.	0	50,000.00	-
			16,00,000	3,65,000	--	38.22,000	9,05,000.00	
	Total Capital cost for Remedial Plan		Say	16.00 Lakhs	Total capital cost for EMP	Say	38.22 Lakhs	
	Total recurring cost for Remedial Plan		Say	3.65 Lakhs	Total Recurring Cost for EMP	Say	9.05 Lakhs	
	Total Remediation Budget			19.65 Lakhs				

Thus, as above, PP has proposed Rs. 896.82 Lakh (Rs. 19.65 Lakh as Remediation Cost and Rs. 39.42 Lakhs as EMP & 837.75 Lakh Rs. For construction work) for this project and PP, M/s Ayush Enterprises, Sagar Plaza, 250, Zone-2, MP Nagar, Dist. Bhopal, MP 462011, has proposed to submit bank guarantee of INR Rs. 19.65 Lakhs- towards Remediation Plan.

Committee after considering the reply recommends that PP may be asked to deposit the bank guarantee (BG) with three years validity of Rs.19.65 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.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Construction of Group Housing Project "Sagar Eden Garden" (Total Area - 10687.51 sqm, Total Built-up Area - 21864.23 sqm) at Village - Bawadiya Kalan, Tehsil - Huzur, Dist. Bhopal, (MP). Category: 8(a) Building & Construction Project, subject to the following special conditions and submission of bank guarantee (BG) with three years validity of Rs. 19.65 Lakhs (equivalent to amount proposed in remediation and resource augmentation plan) with the MP Pollution control Board :

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 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. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- vii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.
- viii. The project area shall be secure through boundary wall and excavated top soil shall not be used in filling of low lying area. The top soil shall be used for greenery development.

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. 750 KVA Total Power Requirement, 1 Diesel power generating sets 125 kVA * 1 no. proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. 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 walls 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. 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.
- viii. The gaseous emission from DG sets 125 KVA x 1 no. shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG set 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.
- ix. 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 during operation phase is 175 KLD out of which 103 KLD is domestic water requirement, 52.4 KLD flushing water requirement and 19.6 KLD Landscaping & Misc. purpose. Total 132 KLD recycled water will be generated & 67 KLD recycled water will be used for flushing, landscaping & Misc. purpose. 65 KLD extra treated water will be deposited into municipal sewer line.
 - iv. The quantity 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 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 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 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.
 - xi. The local bye-law construction on rain water harvesting should be followed. If local bye-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. For rainwater harvesting, 4 recharge pits will be constructed for harvesting rain water. The recharge capacity of these pits about 37 cum each. Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiii. 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.
- xiv. All recharge should be limited to shallow aquifer.
- xv. No ground water shall be used during construction phase of the project.
- xvi. 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.
- xvii. Sewage shall be treated in the MBBR based STP (Capacity - 180 KLD). The treated effluent from STP shall be recycled/re-used for flushing and gardening with zero discharge.
- xviii. The waste water generated from the project shall be treated in STP of 180 KLD capacity (based on MBBR technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xix. No sewage or untreated effluent water would be discharged through storm water drains.
- xx. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxi. 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 set, 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. 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.
- iv. Energy Conservation measures like installation of CFLs/LED's for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other renewable energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level /local building bye-laws requirement, which is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management

- i. Total waste 585 Kg/day, this consist all types of wastes (as Organic waste 321.75 Kg/day and non- organic waste 263.25 Kg/day) and these all type of waste 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 (585 KG/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/LEDs 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 100 trees shall be planted in the area of 929.8 m² (10 % of plot area) which is developed as greenbelt development.
- 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 10 sqm of land should be planted and maintained. The landscape planning should include 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. Topsoil should be stripped to depth of 1 m from the areas proposed for buildings, roads, paved areas, and external services. It should be stock piled 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 for 203 ECS (in which 97 ECS in basement, 73 ECS in Stilt, 33 ECS in open parking).

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. EMP

- i. 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.
- ii. 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.
- iii. For Environment Management Plan PP has proposed Rs.30.37 Lakhs as capital and Rs. 9.05 Lakhs /Year as recurring cost for this project.

- iv. The PP M/s Ayush Enterprises Bhopal, Shri Rakesh Agrawal, Partner, Sagar Plaza, 250, Zone-2, MP Nagar, Dist. Bhopal, MP - 462011 has proposed to submit bank guarantee of INR 19.65 Lakhs towards Remediation Plan and Natural & Community Resource Augmentation 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 8364/2021 M/s Koushalya Devi Builders and Developers through Shri Balwant Singh, Partner, 51, Premier House, Zone-II, M.P.Nagar, Dist. Bhopal, MP – 462016 Prior Environment Clearance for Residential Plotted Development Project "Koushalya Pink Heritage City" (Total Area - 97518.90 sqm, Total Built-up Area - 81928.47 sqm) at Village - Semran and Hinotia Kachchiyan, Tehsil - Huzur, Dist. Bhopal, (MP)

This is case of Prior Environment Clearance for Residential Plotted Development Project "Koushalya Pink Heritage City" (Total Area - 97518.90 sqm, Total Built-up Area - 81928.47 sqm) at Village - Semran and Hinotia Kachchiyan, Tehsil - Huzur, Dist. Bhopal, (MP).

Earlier this case was scheduled for presentation and discussion in 492nd SEAC dated 19/03/2021 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 30/3/2021 which was forwarded through SEIAA vide letter no. 45 dated 01/4/2021, which was placed before the committee.

The case was presented by the PP and their consultant in the SEAC 492nd meeting dated 19.03.2021 wherein it was observed that this is a violation project and about 70% occupation has been completed and PP has applied for TOR in the window period provided by MoEF&CC vide Notification dated 09/Sep/2019. PP submitted that the proposal was uploaded at Parivesh between the violation window periods from 04.09.2017. Accordingly ToR was recommended.

PP has submitted the EIA report vide letter dated 30/3/2021 which was forwarded through SEIAA vide letter no. 45 dated 01/4/2021, which was placed before the committee.

EIA was presented by PP and their consultant. During presentation PP submits the following salient features of this project:

SALIENT FEATURES OF PROJECT

S. No.	Items	Area (sqm)	% & Remarks
1	Land Area	97518.90	
2	Area under Master Plan Roads	16602.03	
3	Net Scheme Area	80916.87	100.0
4	Plotted Area	32213.57	39.81
5	Proposed Group Housing	13750.26	17.0
6	Community Centre, Nursery School and Dispensary	2525.18	3.12
7	Local Shopping	3112.81	3.85
8	Area under Services	848.44	1.05
9	Open Parks	8361.98	10.33
10	Informal Parks	2204.11	2.72
11	Area Under Roads	17902.52	22.12
12	Total B/up Area	81928.47	(FAR+ Non FAR)

Present Built-up Area Status of the Proposed Project		
1	Total Proposed Built-up Area	81928.47 m ² (100%)
2	Till Date Constructed Area	9315.01 m ² (11.36%)
3	Construction to be done	72613.46 m ² (88.64%)

PARKING DETAILS

Required Provided						
Occupancy	Nett Built-up Area*	PCU/sq m	PC U	Parking		
				Podium	Basement	Open
Apartments	17187.83	100	172	172		
Convenient Shopping	4669.22	50	94		44	40
Community Centre	853.91	75	12			12
Dispensary	809.01	75	11			11
School	862.26	75	12			12

WATER DEMAND

Water Requirement							
S. No.	Type	Nos/ units	Persons in each unit	Rate of Occupancy	Expected Population	Fresh water requirement	Total Requirement
				%	Nos.	liters/day	Kld
	RESIDENTIAL IDENTITY						
1	Plotted development	307	5	100%	1535	135	207.23
2	EWS units	63	4	100%	252	135	34.02
3	Apartments	172	5	100%	860	135	116.10

4	Convenient Shopping	1	300	100%	300	45	13.50
5	Community centre	1	60	100%	60	45	2.70
6	Dispensary	1	20	100%	20	45	0.90
7	School	1	150	100%	150	45	6.75
Total							381.20

324 KLD will be the total wastewater generated, which will be treated in the MBBR based STP of 350 KLD (100 KLD & 250 KLD). Extra treated water of 40 KLD will be drained to sewer line of BMC and required permission has been obtained from BMC.

RAINWATER HARVESTING

S. No.	Description	Area Considered in m ²	Rainfall Intensity (mm/annum)	Runoff Coefficient	Total volume of water for RWH (mm/annum)
Water Sources Development-Rainwater Harvesting (Pre-construction)					
1	Green Areas (Total Plot Area)	97500	1154	0.3	33754.50
Water Sources Development-Rainwater Harvesting (Post-construction)					
1	Roof Area	27079.67	1154	0.8	24999.95
2	Paved Area	17902.52	1154	0.8	16527.61
3	Green Area	8361.98	1154	0.3	2894.92
Total					44422.48

Total ground water recharge would be 44422.48 m³/annum. Proposed recharge potential to be created by the project would improve ground water regime of the area and would contribute to

positive groundwater environment. We have proposed 11 No. of RWH pits of 12 cum each recharge capacity.

SOLID WASTE GENERATION

Total Solid Waste Generation	1.258 TPD
Biodegradable	0.692 TPD
Non Biodegradable	0.566 TPD

POWER DEMAND

S. No.	Description	Factor	Load
1	Built-up Area 53805.93	50 Watt/sqm	2690.29 KW
2	Common Areas for 479 dwelling units	0.5 kw/dwelling	239.5 KW
3	Total Demand		2929.79 KW
4	Load in KVA	0.8	36622.24 KVA
5	Transformer Loading	65%	2380.4 KVA (2.38 MVA)
6	As the load is between 1 to 2.5 MVA a dedicated 11 KV feeder will be preferred.		

ENERGY CONSERVATION MEASURES

The Energy Efficient Features are as below:

- Maximum utilization of natural light
- CFL/LED in the common areas
- Use of solar lights in open areas and landscaped area with 20% dual lighting system.
- All openings are shaded to reduce heat loss
- U-values of roof, external wall and fenestration will meet requirements as specified in the Energy Conservation Building Code (ECBC)
- The water supply pumping system will be provided with variable speed drive to conserve energy at part load.
- Compliance for Window glazing U-values if window to wall ratio is more than 30%
- Use of BEE 4-star rated, or equivalent appliances will be prompted

ESTIMATED POPULATION DENSITY

As the proposed project has already been developed or constructed. About 11.36 % of project is already developed and are already in operational condition for resident. The project area is developed area, which is surrounded by individual residential units, apartments, commercial establishments. The area has social infrastructure amenities like

education and health centers. The demography of the area will change as it will involve 1377 occupants after full occupancy in the proposed housing project.

SATUTORY COMPLIANCES

ACT	COMPLIANCE
<p>Water (Prevention and Control of Pollution) Act 1974</p>	<p>324 KLD will be the total wastewater generated, which will be treated in the MBBR based STP of 350 KLD (100 KLD + 250 KLD). Extra treated water of 40 KLD will be drained to sewer line of BMC and required permission has been obtained from BMC.</p> <p>MBBR based sewerage treatment plant having capacity 350 KLD (100 KLD + 250 KLD). Will be installed at site. Underground drains have been planned in most of the areas and are being constructed along with the development of sectors.</p> <p>Total ground water recharge would be 44422.48 m³/annum. Proposed recharge potential to be created by the project would improve ground water regime of the area and would contribute to positive groundwater environment. We have proposed 11 No. of RWH pits of 12 cum each recharge capacity.</p> <p>Following measures will be taken for water conservation and to avoid any pollution.</p> <p>Use of water efficient plumbing fixtures (low flow sinks, water efficient dishwashers and washing machines). Water efficient plumbing fixtures use less water with no marked reduction in quality and service.</p> <p>Leak detection and repair techniques.</p> <p>Sweep with a broom and pan where possible, rather than hose down for external areas.</p> <p>Meter water usage; Implies measurement and verification methods.</p> <p>Monitoring of water usage is a precursor for management.</p> <p>Plants with similar water requirements shall be grouped on common zones to match precipitation heads and emitters.</p> <p>Use of flow-angle sprinklers for lawn areas.</p> <p>Select controllers with adjustable watering schedules and moisture sensors to account for seasonal variations and calibrate them during commissioning.</p> <p>Place 3 to 5 inches mulch on planting beds to minimize evaporation.</p>
<p>Air (Prevention and Control of Pollution) Act 1981</p>	<p>Emission Control from Construction Equipment: Construction equipment and heavy transport vehicles shall meet emission standards like Bharat Stage –III/Stage-IV requirements for vehicles. The operation and maintenance of all vehicles, equipment deployed on site by different contractors would be regulated and effectively monitored. The Pollution under Control (PUC) certification will be ensured for proper O&M of vehicles.</p> <p>Improved Maintenance: The other measures to reduce the air pollution on site are:</p> <p>On-Road- Inspection should be done for black smoke generating machinery.</p> <p>Promotion of use of cleaner fuel would be done.</p> <p>Vehicles having pollution under control certificate would be allowed to ply.</p> <p>Use of covering sheet to prevent dust dispersion at buildings and infrastructure sites, which are being constructed.</p>

ACT	COMPLIANCE
	<p>Use of covering sheets should be done for trucks to prevent dust dispersion from the trucks, implemented by district offices. Reducing the speed of a vehicle to 20 kmph can reduce emissions by a large extent. Speed bumps would commonly be used to ensure speed reduction.</p> <p>During the operational phase, two major categories of air pollution sources are under focus; the rise in vehicular activity within the project site and diesel generator sets to be operated for back-up power supply would also be important source of air pollution. However, No DG set has been proposed in the project.</p> <p>No adverse impact will be done during operation of DG set for the project.</p>
<p>Forest Conservation Act 1980, Wildlife Protection Act, 1972</p>	<p>Van Vihar National Park is 6.5 km away in SW direction from the project site. But the project is not affected to the part due to project site one side of the Bhopal District i.e. between Van Vihar and project site, in between huge settlement with two major ponds are available. So, no impact is anticipated on the same.</p> <p>However, it is proposed to develop extensive green areas in the project site to improve the aesthetics of the area which will also help in reduction of air pollution, noise pollution and provide suitable habitat for local birds and animal species. Selection of the plant species would be done based on their adaptability to the existing geographical conditions and the vegetation composition of the forest type of the region earlier found currently observed.</p>
<p>Environment Protection Act 1986, Environment Protection Rules 1989.</p>	<p>To work with dedication for complete customer satisfaction by following the scientific methods of Building & Construction for minimal environment degradation and following all the safety procedures & industry standards. To review all the policies as per the amendments issued by Authorities. This policy shall be communicated to all the residents and staff.</p> <p>A Policy will be complied by following objectives:</p> <p>Establish and maintain a well-defined environmental, health and safety management to guide its operations. Ensure that all residents and staff understand and adhere to its environmental related management program. Provide operations with the necessary resources, expertise, and training to effectively carry out its EHS management programs. Provide regular basis training program to the staff working on project site. Engage workers and other staff at all levels in programs directed towards minimizing adverse effects on the environment resulting from construction activity. Work proactively with governments and the public in the development of cost effective and realistic regulations that promote enhanced environment and safety protection. Promote environmental awareness among its residents and staff& their families and the communities in which it operates. Require those who provide services and products to practice good environmental stewardship. Organize regular health check-up camp on project site for workers or nearby residents.</p>

ACT	COMPLIANCE
	Mitigate environmental impacts through efficient use of resources and the reduction of input materials and waste. Maintain a high degree of emergency preparedness on site.
Noise Pollution (Prevention & Control) Rules 2000	During operational phase, the following source of noise pollution is expected: Increase in transportation noise within the project site. The railway line is passing nearby to the proposed site which may generate some noise, to prevent it; enclosure will be installed to the suitable locations. Proposed landscaping will also act as an effective means to control noise pollution. Honking will be discouraged. Properly designed internal road network will facilitate in free flow of traffic movement.
Hazardous Waste Rule, 1989	The solid waste generated from the project shall be mainly domestic waste and estimated quantity of the waste shall be 80 Kg/day. It will be handed over to government approved vendors. Solid Waste disposal permission has been granted by Office of Municipal Corporation, Bhopal. Wastes which are likely to be generated in project will be mainly domestic in nature. Other wastes like construction waste; Municipal Solid Waste; Hazardous Waste, Plastic Waste and E-waste generated at the proposed project during development and operation phases will be collected from designated locations, segregated, transported, and disposed as per the applicable rules: Construction and Demolition Waste Management Rules; 2016 Solid Waste Management Rules, 2016 Plastic Waste Management Rules, 2016 Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016
Solid Waste Management Rules, 2016	

After presentation and deliberation, it was observed by the committee that -

- The remediation's plan and natural community resource augmentation plan submitted by PP needs to be revised.
- Commitment from PP that above activities will be completed within 18 months time from the date of BG submission.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021 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 and CER.

CORPORATE ENVIRONMENT RESPONSIBILITY

Corporate Environment Responsibility (CER) Budget Allocation as per OM F.No. F.No.22-65/2017-IA.III dated 25 th Feb2021,		
CER activities as per notifications	Implementation area	Proposed Budget for CER
Infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, electrification including solar power, solid waste management facilities, avenue plantation etc.	Implementation area	We have proposed lump sum (INR 10.00 Lakh) under CER Budget.

REMEDIATION & NATURAL AUGMENTATION PLAN

S.No.	Environm ental	Remedial Plan/	Remedial Cost		Environme ntal Manageme nt Plan	EMP Cost		Remarks
	Factors/	Augment ation Plan				Capital Cost (INR)	Recurri ng	
	Attr ibut es		Ca pit al Co st	Recu rrin g			Cost (per annum)	
				Cost				
1	Land use as per Approved Master Plan by TNCP, Bhopal	Broken land is as per master plan approved by T&CP (enclosed land use area breakup & Undertaking as Annexure)	-	-		19,76,65,000	--	T & CP Letter No. 116/L.P. 231/29/GKA/Na.Gr a.Ni./2008 dated 04/12/2008
		NO VIOLATI ON			Project Capital Cost			

S. No.	Environm ental	Remedial Plan/	Remedial Cost		Environme ntal Manageme nt Plan	EMP Cost		Remarks
	Factors/	Augment ation Plan				Capital Cost (INR)	Recurri ng	
	Attr ibut es		Ca pit al Co st	Recu rrin g			Cost (per annum)	
				Cost				
2	Envi ron men tal Sens itive Plac es, Land Acq uisit ion Stat us, Rese tle men t & reha bilit atio n	Land is in possession of Koushalya Devi Builders and Developers land revenue record	-	-	Land is in possession of Koushalya Devi Builders and Developers. All land records isenclosed with our EC Application.	-	-	
		No R & R Applicabl e						
		NO VIOLATI ON						
3	Base line Envi ron men talit	All the parameter s are in the comfort zone in	--	2,10,000.00	-	-	30,000	We have done EIA study. All baseline data results are found satisfactory

S.No.	Environm ental	Remedial Plan/	Remedial Cost		Environme ntal Managem ent Plan	EMP Cost		Remarks
	Factors/	Augment ation Plan				Capital Cost (INR)	Recurri ng	
	Attr ibut es		Ca pit al Co st	Recu rrin g				
				Cost			Cost (per annum)	
	y (201 0- 17)	one season EIA study						
		Monitorin g data from 2010-17 is pending @ 30000/ year * 7 Years (2 Air, 2 Noise, 1 water)		(amount may be proposed for plantation or as per the suggestion s of SEAC/SEI AA)				
4	A) Land	Total land area 97,518.90 sq.mt., & Built-Up Area - 81,928.47 Sq.mt.,	-	-	Land is in possession of Koushalya Devi Builders and Developers. All land records are enclosed with our EC Application.	-	-	No Violation
		Total quantity of topsoil has been used for the developm ent of 8,361.98 sq.mt. of landscapin						

S.No.	Environm ental	Remedial Plan/	Remedial Cost		Environme ntal Managem ent Plan	EMP Cost		Remarks
	Factors/	Augment ation Plan				Capital Cost (INR)	Recurri ng	
	Attr ibut es		Ca pit al Co st	Recu rrin g			Cost (per annum)	
				Cost				
		g area.						
	B) Gro und Wat er	No new ground bore well is done for constructi on purpose.	--	--	Not applicable, till date no bode well for ground water tapping is proposed.	--	--	NO VIOLATION
	C) Surf ace wat er	Not applicable , No Water body exist within the project lease area	--	--	Not applicable	--	--	NO VIOLATION
	D) Air	Water sprinkling had been done as per terms & condition of the work order agreement s (2 water tankers/da y)	50,000	50,000	Construction period = 7 years,	9,80,000	3,00.000	As per contract All bills submitting in hard copies to SEAC.
					Worki ng Day = 700 day			(attached as Annexure)
					Per day water requir ement			

S.No.	Environm ental	Remedial Plan/	Remedial Cost		Environme ntal Manageme nt Plan	EMP Cost		Remarks
	Factors/	Augment ation Plan				Capital Cost (INR)	Recurri ng	
	Attr ibut es		Ca pit al Co st	Recu rrin g			Cost (per annum)	
				Cost				
					= 8 KLD (2 Tanke r @ 100/ tanke r water cost)			
	E) Biodiversi ty	NOT APPLICA BLE	--	--	NOT APPLICAB LE	---	--	We have not created any change in the biodiversity of the area.
	f) Noise & Vibration	Site is fully barricaded ; all modern and new machinery was used on site.)	--	50,000	Site Barricading material Sheet, Pipe & Fabrication	2,00,000	--	Bills submitted in hard copies.
								(attached as Annexure)
	g) Socio economy & Health	-	-	-	-	-		Done in EIA study
	g.a. Occupatio nal Health checkup for 150	Initial Medical Examinati on (IME) for 150	--	50,000	Initial Medical Examination (IME) for 150 workers	-	1,20,000	Total Calculated value for occupational health and check-up, PPE's have been covered

S.No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation Plan				Capital Cost (INR)	Recurring	
	Attributes		Capital Cost	Recurring			Cost (per annum)	
				Cost				
	Workers	workers			deployed on Site.			under remedial cost
		Deployed on site.30X800X5)		(amount may be proposed for plantation or as per the suggestions of SEAC/SEIAA)	(800 Rs/workers) for a year.			
	g.b. Personal Protection Equipment's	All PPE's distribution to the laborers and staff are under contractor's scope. 150X1200)		1,80,000.00	Helmet, Jackets, hand gloves & Boots will be Provide to 150 Workers for remaining 88.64% construction work.	1,80,000	18,000	
				(amount may be proposed for additional plantation or as per the suggestions of SEAC/SEIAA)				
	g. c.	Temporar	--	50,000	Provision of	50,000	-	No Violation

S.No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation Plan				Capital Cost (INR)	Recurring	
	Attributes		Capital Cost	Recurring			Cost (per annum)	
				Cost				
	Shelter and Sanitation for 30 workers	y shelter & Mobile toilet has been provided to the workers			Temporary shelter & Mobile toilet will be extended in numbers during the time of construction for 30 workers			
5	Contour Plan With slopes, Drainage's pattern of the site and surrounding area any obstruction of the same by the projects.	No conversion is done in storm water drainage pattern on site	-	-	--	-	-	No Violation
6	Tree Felling	--			No tree felling is proposed.			No tree felling is proposed.
7	Tree plantation	Total trees planted & development of landscaping	2,00,000	0	All type of landscaping development & maintenance	4,00,000	2,50,000	All landscaping & Plantation work have been completed

S.No.	Environm ental	Remedial Plan/	Remedial Cost		Environme ntal Manageme nt Plan	EMP Cost		Remarks
	Factors/	Augment ation Plan				Capital Cost (INR)	Recurri ng	
	Attr ibut es		Ca pit al Co st	Recu rrin g			Cost (per annum)	
				Cost				
		g area			including tree cost			
8	Permissio n for forest Land	NOT APPLICA BLE	-	-	NOT APPLICAB LE	-	-	No forest area is involved in this project.
9	Environm ent policy	Policy is part of Terms & Condition of mutual Agreemen t	-	-	-	-	-	Policy is part of Terms & Condition of mutual Agreement
10	Ground Water Classificat ion	At constructi on phase no ground water has been used.	-	-	At construction phase no ground water has been used,	--	--	No violation
11	Source of Water	A – Constructi on Phase	--	--	--	--	--	During Construction phase we have used Water Tanker supply.
		B – Operation al Phase	--	--	--	--	--	Water supply permission vide letter no. 2/S.Yantri/Jalkarya/ Zone 17/N.Ni. Bhopal dated 29/07/2020.

S. No.	Environm ental	Remedial Plan/	Remedial Cost		Environme ntal Manageme nt Plan	EMP Cost		Remarks
	Factors/	Augment ation Plan				Capital Cost (INR)	Recurri ng	
	Attr ibut es		Ca pit al Co st	Recu rrin g			Cost (per annum)	
				Cost				
								(attached as Annexure)
12	Source of Waste Water Treatment	350 KLD (250 + 100 KLD) STP installed.	0	--	350 KLD (250 + 100 KLD) – Rs.	40,00,00 0	3,00,000	Balance Sheet & Sample Bills are attached as Annexure. Installation in final stage.
					1800000.00 for civil construction (Labor & Material Cost)			
13	Dual Plumbing	Dual Plumbing for 11.36% of constructe d area has been completed .	2,00,000	--	Dual Plumbing for 91% of construction yet to be done.	22,50,00 0	1,50,000	Balance Sheet & Sample Bills are attached as Annexure.
12	Rain Water Harvesting	11 No. Rain water harvesting pit of 12 cum. Each capacity has been constructe d for the project.	2,00,000	--	Total 11 nos. of pits have been constructed on site for operational phase	6,39,291	50,000	--

S.No.	Environm ental	Remedial Plan/	Remedial Cost		Environme ntal Managem ent Plan	EMP Cost		Remarks
	Factors/	Augment ation Plan				Capital Cost (INR)	Recurri ng	
	Attr ibut es		Ca pit al Co st	Recu rrin g			Cost (per annum)	
				Cost				
13	Soil Characteri stics & Ground Water Table	Total land area 97,518.90 sq.mt., & Built Up Area - 81,928.47 Sq.mt.,	--	--	4 m depth of rain water harvesting pits have been proposed,	--	--	NO VIOLATION
	Top Soil Conservati on	Total quantity of topsoil has been used for the developm ent of			Quality of top soil & costing of its disposal			
		the						
		developm ent of						
		8,361.98 sq.mt. of landscapin g area.						
14	Solid Waste Generatio n Treatment	All the constructi on waste has been reused for the filling of the low-lying project area.	--	50,000	Solid Waste will be reused in proposed boundary wall & stone pitching to reduce RCC work on site	18,50,00 0	--	MSW application is attached with hard copy reply. Vide letter dated 22/01/2021
								(attached as Annexure)

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
	Factors/	Augmentation Plan				Capital Cost (INR)	Recurring	
	Attributes		Capital Cost	Recurring			Cost (per annum)	
				Cost				
		Permission for Disposal of Solid waste is being proposed from BMC	--	--	Street garbage shall be controlled segregated transferred, and disposed off by Nagar Nigam Bhopal.	--	--	
15	Energy conservation & Energy Efficiency (LED bulb & Solar System along with MPEB connection and Transformer Installation)	LED Lights & other energy conservation	2,00,000	--	Provision for External Lighting including solar panels for streets lighting & common areas and LED light for commercial unit	1,09,90,461	1,00,000	We have proposed Solar Power.
16	D G Sets	Till date RMC has been used for construction No DG set have used for	-	-	-	3,76,77,983	0	We have not used DG set in our construction phase. (RMC bills attached as Annexure)

S. No.	Environm ental	Remedial Plan/	Remedial Cost		Environme ntal Managem ent Plan	EMP Cost		Remarks
	Factors/	Augment ation Plan				Capital Cost (INR)	Recurri ng	
	Attr ibut es		Ca pit al Co st	Recu rrin g			Cost (per annum)	
				Cost				
		constructi on purpose.						
17	Parking & Roads	Approach road already exists sufficient space for Parking	-	-	Developmen t of Open Parking& Other Services -	52,83,21 8	50,000	All adequate parking facilities have been provided as per T&CP norms.
18	Transporta tion of materials for constructi on	Till date 11.36% constructi on have been done.	--	50,000.00 (amount may be proposed for plantation or as per the suggestion s of SEAC/SEI AA)	Storage hall/service yard will be for materials stacking during further 10% construction.	1,00,000	50,000	Some miscellaneous transportation work had not been done in appropriate manner. We are proposing some rounded amount in our remediation cost.
19	Disaster Managem ent Plan	-	-	-	Centralized control room with ERP system	--	--	--
	a) Fire	Machines were equipped	--	50,000	Firefighting organizing and	3,00,000	50,000	All fire & safety facilities & Fire Tender Movement

S. No.	Environm ental	Remedial Plan/	Remedial Cost		Environme ntal Managem ent Plan	EMP Cost		Remarks
	Factors/	Augment ation Plan				Capital Cost (INR)	Recurri ng	
	Attr ibut es		Ca pit al Co st	Recu rrin g			Cost (per annum)	
				Cost				
		with their fire extinguishing equipments. Till date we have proposed fire provisions for our 1 No. G+6 Residential Block which is under process.			arrangement : External fire hydrant system, hose pipes, pumps with control panel, overhead tanks, first aid, fire extinguishers, sand buckets, Manual and automatic fire alarm, main security room etc.			have been provided for our 1 No. G+5 Residential Block & entire project area.
	b) Acci dental & First aid etc.	First aid kit & room provided on site, enclosed photos No accident or injury is reported during the earlier constructi	--	25,000	First aid kit for worker's safety on site	--	25,000	

S.No.	Environm ental	Remedial Plan/	Remedial Cost		Environme ntal Managem ent Plan	EMP Cost		Remarks
	Factors/	Augment ation Plan				Capital Cost (INR)	Recurri ng	
	Attr ibut es		Ca pit al Co st	Recu rrin g			Cost (per annum)	
				Cost				
		on period						
	c) Safet y	All loading machines, dumpers &Equipm ents will be deployed as per safety norms mentioned in Agreemen t.	50,000.0 0	-	All loading machines, dumpers &Equipment s will be deployed as per safety norms mentioned in Agreement.	--	--	-
			11,00,00 0	7,65,000	--	6,49,00, 953	14,93,00 0.00	
	Total Capital cost for Remedial Plan		Say	11.00 Lakhs	Total capital cost for EMP	Say	649.00 Lakhs	
	Total recurring cost for Remedial Plan		Say	7.65 Lakhs	Total Recurring Cost for EMP	Say	14.93 Lakhs	

Thus, as above, PP has proposed Rs. 682.58 Lakh (Rs. 18.65 Lakh as Remediation Cost and Rs. 663.93 Lakhs as EMP) for this project and PP, M/s Koushalya Devi Builders and

Developers through Shri Balwant Singh, Partner, 51, Premier House, Zone-II, M.P.Nagar, Dist. Bhopal, MP – 462016 has proposed to submit bank guarantee of INR Rs. 18.65 Lakhs- towards Remediation Plan.

Committee after considering the reply recommends that PP may be asked to deposit the bank guarantee (BG) with three years validity of Rs.18.65 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.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Residential Plot Development Project "Koushalya Pink Heritage City" (Total Area - 97518.90 sqm, Total Built-up Area - 81928.47 sqm) at Village - Semran and Hinotia Kachchiyan, Tehsil - Huzur, Dist. Bhopal, (MP) Category: 8(a) Building & Construction Project, subject to the following special conditions and submission of bank gurantee (BG) with three years validity of Rs. 18.65 Lakhs (equivalent to amount proposed in remediation and resource augmentation plan) with the MP Pollution control Board :

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 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. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- vii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

- viii. The project area shall be secure through boundary wall and excavated top soil shall not be used in filling of low lying area. The top soil shall be used for greenery development.

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. 2300 KW Total Power Requirement, No DG set is proposed.
- 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 walls 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. 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.
- viii. 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 during operation phase is 381.20 KLD. Total 307 KLD recycled water will be generated & 267 KLD recycled water will be used for flushing,

landscaping & Misc. purpose. After maximum reuse 40 KLD extra treated water will be deposited into municipal sewer line.

- iv. The quantity 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 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 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.
- xi. 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. For rainwater harvesting, 11 recharge pits will be constructed for harvesting rain water. The recharge capacity of these pits about 12 cum each. Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiii. 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.
- xiv. All recharge should be limited to shallow aquifer.
- xv. No ground water shall be used during construction phase of the project.
- xvi. 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.

- xvii. Sewage shall be treated in the MBBR based 2 no. STP (Total Capacity - 350 KLD (100 KLD + 250 KLD). The treated effluent from STP shall be recycled/re-used for flushing and gardening. After maximum reuse 40 KLD extra treated water will be deposited into municipal sewer line.
- xviii. The waste water generated from the project shall be treated in 2 no. STP 350 KLD (100 KLD + 250 KLD) capacity (based on MBBR technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xix. No sewage or untreated effluent water would be discharged through storm water drains.
- xx. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxi. 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. 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. 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.

- iv. Energy Conservation measures like installation of CFLs/LED's for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other renewable energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level /local building bye-laws requirement, which is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management

- i. Total waste 1258 Kg/day, this consist all types of wastes (as Organic waste 692 Kg/day and non- organic waste 566 Kg/day),and these all type of waste 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 (1258 KG/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/LEDs 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 300 trees shall be planted in the area of 8361.98 m²(10.36 % of Net plot area) which is developed as greenbelt development.
- 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 10 sqm of land should be planted and maintained. The landscape planning should include 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. Topsoil should be stripped to depth of 1 m from the areas proposed for buildings, roads, paved areas, and external services. It should be stock piled 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.
 - e. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
 - f. Traffic calming measures.
 - g. Proper design of entry and exit points
 - h. 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 for 291 ECS (in which 172 ECS in podium, 44 ECS in basement, 75 ECS in open parking).

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. EMP

- i. 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.
- ii. 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.
- iii. For Environment Management Plan PP has proposed Rs.649.00 Lakhs as capital and Rs. 14.93 Lakhs/Year as recurring cost for this project.
- iv. The PP M/s. Koushalya Devi Builders and Developers through Shri Balwant Singh, Partner, 51, Premier House, Zone-II, M.P.Nagar, Dist. Bhopal, MP – 462016 has proposed to submit bank guarantee of INR 18.65 Lakhs towards Remediation Plan and Natural & Community Resource Augmentation 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.

3. Case No 6878/2020 Shri Atul Singh Tiwari, Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (5,000 cum per annum) (Khasra No. 860/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 860/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna (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. 2370 dated: 07/09/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 8.420 ha. including this mine.

Earlier this case was scheduled for presentation and discussion in 429th SEAC dated 16/03/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 03/4/2021 which was forwarded through SEIAA vide letter no. 159 dated 03/4/2021, which was placed before the committee.

PP has submitted the EIA report vide letter dated 03.04.2021 which was forwarded through SEIAA vide letter no. 159-60 dated 03.04.2021, which was placed before the committee.

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

- The project has been proposed for the Mining of Low grade limestone from the Government Land by open cast manual extraction and mechanized method. Mining will be confined to the allotted lease area which lies on the Barren waste land from which approximately 5000 cum of Low grade limestone will be excavated per annum.
- The mining lease (area 2.00 Ha) has been granted in favour of Shri. Atul Singh Tiwari S/o Mahindra Singh Tiwari, Village - Chormari, Tehsil – Rampur Baghelan, Dist. Satna, over an area of 2.00 Ha with Khasra No.- 860/1/KA/1 in Village Chormari Tehsil Rampur Baghelan, District Satna, M.P. Mining will be carried out on the basis of govt. consent order for mining operations for 10 years. A total mineable reserve as per the mining plan is 60000 cum & with maximum of production of mineral 43,990 cum for 10 years.
- The proposed project is an opencast and fully mechanized mining project, where mining of Low grade limestone will be done. Methods of mining will be open cast, and mechanized with drilling and blasting. Mining will be confined to the allotted lease area which lies on the Barren waste land from which approximately max 5000 cum of Low grade limestone will be excavated every year. Drilling & Blasting is proposed in this mining activity.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Chormari Stone Quarry in an area of 2.00 ha. (5,000 cum per annum) (Khasra No. 860/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, District - Satna (MP), subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.

3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 3000 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into

the mine. The size of the drain will be 655 M X 1M X 1M. The settling tank will be 01 in number of size 5mx 3m x 3m.

25. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

S. No.	Description	Present Year (Ha)	At the end of 10 Year (Ha)
1	Area under Pits	-	1.544
2	Area under Dumps	-	-
3	Area under storage	-	-
4	Area under Plantation	-	0.4365
5	Area under Building / shed	-	0.010
6	Area under Roads	-	0.010
7	Area Undisturbed	2.00	-
Total		2.00	2.00

28. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
32. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 35.24 Lakh is proposed and Rs.7.05 Lakh /year as recurring expenses.
34. Under CER following physical target based activities based on public hearing has proposed by PP :

S. no.	Commitment towards public hearing Issue in terms of Physical Target
1.	Development of Sanitation & Drinking Water Facility nearby villages, schools and other community areas of nearby villages with the help of gram panchayat.
2.	Health checkup camps
3.	Energy conservation awareness through distribution of solar lamps/ Solar cookers.

35. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. 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.
36. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

4. Case No 6880/2020 Shri Romit Pandey S/o Shri Arun Pandey, E-18/68, Arera Colony, Basant Kunj, Tehsil - Huzur, Dist. Bhopal Prior Environment Clearance for Stone Quarry in an area of 3.420 ha. (12,000 cum per annum) (Khasra No. 841/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 841/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna (MP) 3.420 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. 1116 dated: 28/03/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 8.420 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 429th SEAC dated 16/03/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 03/4/2021 which was forwarded through SEIAA vide letter no. 157 dated 03/4/2021, which was placed before the committee.

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

- The project has been proposed for the Mining of Low grade limestone from the Government Land by open cast manual extraction and mechanized method. Mining will be confined to the allotted lease area which lies on the Barren waste land from which approximately 12000 cum of Low grade limestone will be excavated per annum.
- The mining lease (area 3.420 Ha) has been granted in favour of Shri. Romit Pandey S/o Shri Arun Pandey, E-18/68, Arera Colony, Basant Kunj, Huzur, Dist. Bhopal, over an area of 3.420 Ha with Khasra No.- 841/1/KA/1 in Village Chormari Tehsil Rampur Baghelan, District Satna, M.P. Mining will be carried out on the basis of govt. consent order for mining operations for 10 years. A total mineable reserve as per the mining plan is 102600 cum & with maximum of production of mineral 76608 cum for 10 years.
- The proposed project is an opencast and fully mechanized mining project, where mining of Low grade limestone will be done. Methods of mining will be open cast, and mechanized with drilling and blasting. Mining will be confined to the allotted lease area which lies on the Barren waste land from which approximately max 12000 cum of Low grade limestone will be excavated every year. Drilling & Blasting is proposed in this mining activity.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Chormari Stone Mine in an area of 3.42 ha. (12,000 cum per annum) (Khasra No. 841/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, District - Satna (MP), subject to the following special conditions:

(D) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.

2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(E) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 5130 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.

23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 1056 M X 1M X 1M. The settling tank will be 01 in number of size 5mx 3.5m x 3.5m.
25. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

S. No.	Description	Present Year (Ha)	At the end of 10 Year (Ha)
1	Area under Pits	-	2.688
2	Area under Dumps	-	-
3	Area under storage	-	-
4	Area under Plantation	-	0.712
5	Area under Building / shed	-	0.010
6	Area under Roads	-	0.010
7	Area Undisturbed	3.420	-
Total		3.420	3.420

28. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
32. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(F) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 37.75 Lakh is proposed and Rs.7.55 Lakh /year as recurring expenses.
34. Under CER following physical target based activities based on public hearing has proposed by PP :

S. no.	Commitment towards public hearing Issue in terms of Physical Target
1.	Development of Sanitation & Drinking Water Facility nearby villages, schools and other community areas of nearby villages with the help of gram panchayat.
2.	Health checkup camps
3.	Energy conservation awareness through distribution of solar lamps/ Solar cookers.

35. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. 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.
36. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

5. Case No 8482/2021 M/s R.K.Transport and Constructions Ltd, Director, Shri Chandra Prakash Singh, 65-A, Transport Nagar, Dist. Korba, Chhattisgarh Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (72000 cum per annum) (Khasra No. 141), Village - Baharawan, Tehsil - Bankhedi, Dist. Hoshangabad (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 141), Village - Baharawan, Tehsil - Bankhedi, Dist. Hoshangabad (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2376 dated 26/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. MO has stated that there are 01 more mines in 500 M. but PP

has submitted an affidavit that this 01 mines will not be operated thus total area will remain only 4.0 Ha.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on Dudhi River. After presentation the committee asked to submit following details:

- Revised CER activities.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021, which was placed before the committee and the same found satisfactory. Mining shall be carried out as per the approved mine plan by the competent authority. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 72,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 10.42 Lakh as capital and Rs. 7.29 Lakh/year as recurring are proposed by PP.

6. **Case No 8483/2021 M/s R.K.Transport and Constructions Ltd, Director, Shri Chandra Prakash Singh, 65-A, Transport Nagar, Dist. Korba, Chhattisgarh Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (72000 cum per annum) (Khasra No. 37/1), Village - Guwadi, Tehsil - Seoni Malwa, Dist. Hoshangabad (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 37/1), Village - Guwadi, Tehsil - Seoni Malwa, Dist. Hoshangabad (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2376 dated 26/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. MO has stated that there are 02 more mines in 500 M. but PP has submitted an affidavit that these 02 mines will not be operated thus total area will remain only 4.0 Ha.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on Narmada River. PP submitted that only manually method shall be carried out. After presentation the committee asked to submit following details:

- Revised CER activities.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021, which was placed before the committee and the same found satisfactory. Mining shall be carried out as per the approved mine plan by the competent authority. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 72,000 cum/year.
2. Being River is Narmada hence, only manually method shall be carried out.
3. A budgetary provision for Environmental management Plan of Rs. 15.42 Lakh as capital and Rs. 8.87 Lakh/year as recurring are proposed by PP.

7. Case No 8524/2021 M/s Sukhdeo Prasad Goenka, Goenka Bhavan, Station Road, Dist. Katni, MP - 483501 Prior Environment Clearance for Limestone, Bauxite & Clay Mine in an area of 69.301 ha. (909341 Tonne per annum), Village - Kubri, Tehsil - Maihar, Dist. Satna (MP)

This is case of Limestone, Bauxite & Clay Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Village - Kubri, Tehsil - Maihar, Dist. Satna (MP) 69.301 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details. PP submitted that this is a case of capacity expansion of Limestone, Bauxite & Clay from 2,10,803 Tonne per annum to 9,09,341 Tonne per annum. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's as annexed as annexure "D":-

1. PP shall be submitted MoEF&CC EC compliance report along with EIA report.
2. Protection Plan for surface run off should be discussed in EIA report.
3. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.

4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
6. Hydro geological study should be carried out if ground water intersection is proposed.
7. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
8. Issue of R&R shall be discussed in detail in EIA report.

8. Case No 8484/2021 Shri Ashish Kumar Jain S/o Shri Ashok Kumar Jain, Banda, Dist. Sagar, MP - 470001 Prior Environment Clearance for Stone Quarry in an area of 1.30 ha. (7216 cum per annum) (Khasra No. 1618), Village - Ganayaari, Tehsil - Banda, Dist. Sagar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1618), Village - Ganayaari, Tehsil - Banda, Dist. Sagar (MP) 1.30 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. 608 dated 09/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that pucca road at 105 m in the East & West Side of the lease and a human settlement at a distance of 350 m in the NW side. After presentation the committee asked to submit following details:

- Revised EMP & CER.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021, 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 of Stone as per mine plan with quantity not exceeding 7,216 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.07 Lakh as capital and Rs. 1.790 Lakh/year as recurring has proposed by PP.

9. Case No 8485/2021 Shri Kamal Jeet Singh, Dist. Damoh, MP - 470661 Prior Environment Clearance for Stone Quarry in an area of 1.70 ha. (10268 cum per annum) (Khasra No. 128/1), Village - Aapchand, Tehsil - Sagar, Dist. Sagar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 128/1), Village - Aapchand, Tehsil - Sagar, Dist. Sagar (MP) 1.70 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. 528 dated 14/3/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.90 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. After presentation the committee asked to submit following details:

- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021, 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 of Stone as per mine plan with quantity not exceeding 10,268 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 21.82 Lakh as capital and Rs. 01.25 Lakh/year as recurring has proposed by PP

10. Case No 8486/2021 Shri Jeet Singh Bundela S/o Shri Shyamleju Bundela, Sichai Colon, Tehsil - Rajnagar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (25456 cum per annum) (Khasra No. 3012/1), Village - Rajnagar, Tehsil - Rajnagar, 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. 3012/1), Village - Rajnagar, Tehsil - Rajnagar, Dist. Chhatarpur (MP) 3.0 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. 4024 dated 09/7/2019 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that during presentation it was also observed that a human settlement at a distance of 210 m in the North side. 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 of Stone as per mine plan with quantity not exceeding 25,456 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 23.07 Lakh as capital and Rs. 5.02 Lakh/year as recurring has proposed by PP.

11. Case No 8488/2021 Ku. Surbhi Thakur D/o Shri Surendra Singh Thakur, Behind Naval Petrol Pump, Khandwa Road, Dist. Burhanpur, MP - 450331 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (10584 cum per annum) (Khasra No. 190), Village - Hasinabad, Tehsil - Khaknar, Dist. Burhanpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 190), Village - Hasinabad, Tehsil - Khaknar, Dist. Burhanpur (MP) 4.0 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. 313 dated 24/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that a pucca road at 115 m in the East side of the lease. 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 of Stone as per mine plan with quantity not exceeding 10,584 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 14.03 Lakh as capital and Rs.7.94 Lakh/year as recurring has proposed by PP.

12. Case No 8489/2021 Shri Shantilal Rudani S/o Shri Somji Rudabni, 06, Poonam Vihar Colony, Tehsil - Jaora, Dist. Ratlam, MP - 457333 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (16400 cum per annum) (Khasra No. 461/1), Village - Akyadeh, Tehsil - Piploda, Dist. Ratlam (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 461/1), Village - Akyadeh, Tehsil - Piploda, Dist. Ratlam (MP) 1.0 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. 1980 dated 19/3/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.0 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. 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 of Stone as per mine plan with quantity not exceeding 16,400 cum/year.
2. A budgetary provision for Environmental management Plan of Rs.13.95 Lakh as capital and Rs. 04.08 Lakh/year as recurring has proposed by PP.

13. Case No 8493/2021 M/s Vista Sales Pvt. Ltd, M-340, Goutam Nagar, Infront of Khadi Gram Udhog Office, Near Chetak Bridge, Dist. Bhopal, MP - 462023 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (25000 cum per annum) (Khasra No. 1165), Village - Banjari, Tehsil - Vijayraghavgarh, Dist. Katni (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1165), Village - Banjari, Tehsil - Vijayraghavgarh, Dist. Katni (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 3301 dated 07/11/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 11.300 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, it was observed that the part of the lease is partially submerged in the water and also road bridge is located at 500 meters in the downstream. Being it's a case sand quarry with total area of 11.300 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:-

- Lease is partially submerged in the water and Pucca Road Bridge is located in the D/ s at 500 meters consider this sensitive area as per Enforcement and Monitoring Guidelines for Sand Mining- 2020 by MoEF&CC.
- Sand evacuation route avoiding human settlement shall be discussed in the EIA report.
- The project proponent shall discuss the mitigation measures provided in MoEF&CC's Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- Revised plan leaving if there is any submerged within lease area and submerged area shall be left as non-mining zone. If any rivulet is joining the lease safety zone 50-50 meters both side shall be left as non mining area.

14. Case No 8510/2021 Shri Sankalp Agarwal, Civil Line, Dist. Katni, MP - 483501 Prior Environment Clearance for Iron Ore Mine in an area of 4.92 ha. (124120 cum per annum) (Khasra No. 66, 67), Village - Bijaiya, Tehsil - Sihora, Dist. Jabalpur (MP)

This is case of Iron Ore Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 66, 67), Village - Bijaiya, Tehsil - Sihora, Dist. Jabalpur (MP) 4.92 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. 1865 dated 06/2/2019 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 21.79 ha., including this mine.

This is case of Iron Ore mining where TOR is to be issued. Being it's a case of major mineral, it was decided to consider this case as B-1 category and committee recommended

to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Kachcha road crossing the lease protection plan should be discussed in the EIA.
2. Details of over burdens, its stacking, stabilization details, and storage method along with protection plan be discussed.
3. Transportation of materials from site.
4. Methods to prevent mine runoff in nearby agricultural fields.
5. The project proponent shall discuss the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report(if any).

15. Case No 8525/2021 Shri Shankar Singh S/o Late Shri Ramshraya Singh, Tiwani, Tehsil - Rampur Baghelan, Dist. Satna, MP - 485115 Prior Environment Clearance for Stone Quarry in an area of 1.687 ha. (13000 cum per annum) (Khasra No. 295/2, 296/2/kha, 297/2/kha, 298/2, 295/1, 296/2/ka, 297/2/ka, 298/1, Village - Tiwani, Tehsil - Rampur Baghelan, Dist. Satna (MP))

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 295/2, 296/2/kha, 297/2/kha, 298/2, 295/1, 296/2/ka, 297/2/ka, 298/1, Village - Tiwani, Tehsil - Rampur Baghelan, Dist. Satna (MP) 1.687 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. 788 dated 10/2/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.901 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that 02 trees are in existence within the lease area for which PP submitted that both trees will be uprooted and 20 trees additionally will be planted, a kachha road is existed at a distance of 70 m in the East side of the lease. 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 of Stone as per mine plan with quantity not exceeding 13,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 12.26 Lakh as capital and Rs. 04.63 Lakh/year as recurring has proposed by PP.

16. Case No 8505/2021 Shri Sharad Kumar Gupta S/o Shri Satyaveer Prasad Gupta, MSD 162, Sector 258, Tehsil - Dadari, Dist. Gautam Buddha Nagar, UP - 486331 Prior Environment Clearance for Stone Quarry in an area of 1.471 ha. (10260 cum per annum) (Khasra No. 16/1), Village - Harraha, Tehsil - Mauganj, Dist. Rewa (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 16/1), Village - Harraha, Tehsil - Mauganj, Dist. Rewa (MP) 1.471 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. 1428 dated 18/3/2021 has reported that there are 3 more mines operating or proposed within 500 meters around the said mine with total area of 4.765 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that During presentation it was also observed that a kachha road is existed at a distance of 05 m, hence 05 m set back to be left, another kachcha road is at 72 m in the SW side of the lease and in the East side of the lease plantation is seen PP submitted that this shall be no mining area. 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 of Stone as per mine plan with quantity not exceeding 10,260 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 18.35 Lakh as capital and Rs. 01.30 Lakh/year as recurring has proposed by PP.

17. Case No 8501/2021 M/s Chanda Stone Crusher, Village - Sinhasa, Tehsil - Indore, Dist. Indore, MP - 451113 Prior Environment Clearance for Stone Quarry in an area of 1.70 ha. (7999 cum per annum) (Khasra No. 21/2), Village - Rodiya, Tehsil - Bhikangaon, Dist. Khargone (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 21/2), Village - Rodiya, Tehsil - Bhikangaon, Dist. Khargone (MP) 1.70 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 1094 dated 06/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that 09 trees are in existence within the lease area for which PP submitted that 07 trees will be uprooted and 70 trees additionally will be planted, and a canal is located at 180 m in the south side. After presentation the committee asked to submit following details:

- Revised CER.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021, 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 of Stone as per mine plan with quantity not exceeding 7,999 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.65 Lakh as capital and Rs. 04.82 Lakh/year as recurring has proposed by PP.

18. Case No 8507/2021 M/s M.K.S.Minerals & Marble, Azad Ward, Dist. Mandla, MP - 482001 Prior Environment Clearance for Marble Quarry in an area of 1.44 ha. (300 cum per annum) (Khasra No. 3/2, 3/5), Village - Jaitakheda, Tehsil - Shahpura, Dist. Jabalpur (MP)

This is case of Marble Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3/2, 3/5), Village - Jaitakheda, Tehsil - Shahpura, Dist. Jabalpur (MP) 1.44 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 1098 dated 24/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Marble Quarry. During presentation it was observed by committee that Kachcha road is existed at a distance of 04 meters in east side of the lease PP will left set back of 06 m. After presentation the committee asked to submit following details:

- Revised EMP & CER

PP has submitted the response of above quarries same date vide letter dated 06.04.2021. 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 of Marble Quarry as per mine plan with quantity not exceeding 3,00 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 22.31 Lakh as capital and Rs. 1.31 Lakh/year as recurring has proposed by PP.

19. Case No 8514/2021 Smt. Apurva Sharma W/o Shri Adarsh Sharma, Ward No. 6, Junnardeo, Dist. Chhindwara, MP - 480001 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (19993 cum per annum) (Khasra No. 133, 134), Village - Garadehi, Tehsil - Junnardeo, Dist. Chhindwara (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 133, 134), Village - Garadehi, Tehsil - Junnardeo, Dist. Chhindwara (MP) 1.0 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. 4696 dated 19/3/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.0 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone Quarry. During presentation it was observed by committee In the DFO, letter vide dated 17/11/2017 forest area is at a distance of <250 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 19.06.2020. After presentation the committee asked to submit following details:

- Revised EMP & CER.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021. 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 of Stone Quarry as per mine plan with quantity not exceeding 19993 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 18.95 Lakh as capital and Rs. 1.93 Lakh/year as recurring has proposed by PP.

20. Case No 8509/2021 M/s Vanshika Construction, Authorized Person, Shri Ramlal Jhariya, Devri Rajmarg, Dist. Narsinghpur, MP Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (65000 cum per annum) (Khasra No. 283/290), Village - Charakwah, Tehsil - Jaisinghnagar, Dist. Shahdol (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 283/290), Village - Charakwah, Tehsil - Jaisinghnagar, Dist. Shahdol (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 377 dated 01/3/2021 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 a case of river sand mining. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 65,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 38.14 Lakh as capital and Rs. 2.07 Lakh/year as recurring has proposed by PP.

21. Case No 8508/2021 M/s Vanshika Construction, Authorized Person, Shri Ramlal Jhariya, Devri Rajmarg, Dist. Narsinghpur, MP Prior Environment Clearance for Sand Quarry in an area of 2.314 ha. (42060 cum per annum) (Khasra No. 165), Village - Boddhiha-2, Tehsil - Beohari, Dist. Shahdol (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 165), Village - Boddhiha-2, Tehsil - Beohari, Dist. Shahdol (MP) 2.314 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed

format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 378 dated 01/3/2021 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 a case of river sand mining. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 42,060 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 17.85 Lakh as capital and Rs. 1.79 Lakh/year as recurring are proposed by PP.

22. Case No 8513/2021 Shri Shakti Mishra S/o Shri P.C.Mishra, 245, Saketdham, Gwarighat, Dist. Jabalpur, MP - 482001 Prior Environment Clearance for Murrum Quarry in an area of 1.25 ha. (6287 cum per annum) (Khasra No. 18 Part), Village - Badiyakheda, Tehsil - Jabalpur, Dist. Jabalpur (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 18 Part), Village - Badiyakheda, Tehsil - Jabalpur, Dist. Jabalpur (MP) 1.25 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. 1046 dated 19/3/2021 has reported that there are one more mines operating or proposed within 500 meters around the said mine total area shall be 2.60 ha..

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Murrum Quarry thus no blasting is proposed. During presentation it was also observed that a canal is existed at a distance of 75 m in the SE side hence, 25 m set back to be left. After presentation the committee asked to submit following details:

- Revised surface plan showing 25 m set back to be left from the canal.

- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021, 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 of Murum as per mine plan with quantity not exceeding 6,287 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 19.575 Lakh as capital and Rs 02.23 Lakh/year as recurring has proposed by PP.

23. Case No 8512/2021 M/s R.K.Gupta Contractors and Engineers Pvt. Ltd, Authorized Person, Shri Rajendra Kumar Gupta, B-72, Shahpura, Dist. Bhopal, MP - 451441 Prior Environment Clearance for Sand Quarry in an area of 4.50 ha. (6000 cum per annum) (Khasra No. 243), Village - Umakhali, Tehsil - Gogawan, Dist. Khargone (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 243), Village - Umakhali, Tehsil - Gogawan, Dist. Khargone (MP) 4.50 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 (Ekal Praman-Patr) letter no. 1141 dated 15/3/2021 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 a case of river sand mining. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 6,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 27.55 Lakh as capital and Rs. 3.45 Lakh/year as recurring are proposed by PP.

24. Case No 8511/2021 M/s Ankita Construction Company, 22, Swariya Colony, Dist. Nimbaheda, Raj. - 312601 Prior Environment Clearance for Soil/Murum Quarry in an area of 1.0 ha. (15000 cum per annum) (Khasra No. 205), Village - Irli, Tehsil - Malhargarh, Dist. Mandsaur (MP)

This is case of Soil/Murum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 205), Village - Irli, Tehsil - Malhargarh, Dist. Mandsaur (MP) 1.0 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. 171 dated 19/1/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Soil/Murum Quarry thus no blasting is proposed. During presentation it was also observed that pucca road is existed at a distance of 120 m in the east side and Stadium at 110 m in the south side. After presentation the committee asked to submit following details:

- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021, 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 of Soil/Murum as per mine plan with quantity not exceeding 15,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 7.60 Lakh as capital and Rs 2.33 Lakh/year as recurring are proposed by PP.

25. Case No 8506/2021 M/s Ankita Construction Company, 22, Swariya Colony, Dist. Nimbaheda, Raj. - 312601 Prior Environment Clearance for Soil/Murram Quarry in an area of 1.0 ha. (7500 cum per annum) (Khasra No. 15), Village - Galiyara, Tehsil - Sitamau, Dist. Mandsaur (MP)

This is case of Soil/Murram Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 15), Village - Galiyara, Tehsil - Sitamau, Dist. Mandsaur (MP) 1.0 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. 171 dated 19/1/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Soil/Murram Quarry thus no blasting is proposed. During presentation it was also observed that Solar plant located at distance of 740 m in the west side. After presentation the committee asked to submit following details:

- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021, 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 of Soil/Murram as per mine plan with quantity not exceeding 7,500 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 6.69 Lakh as capital and Rs 2.64 Lakh/year as recurring are proposed by PP.

26. Case No 8523/2021 M/s Ankita Construction Company, 22, Swariya Colony, Dist. Nimbaheda, Raj. - 312601 Prior Environment Clearance for Soil/Murum Quarry in an area of 2.0 ha. (25000 cum per annum) (Khasra No. 365/3, 365/4), Village - Manasakhurd, Tehsil - Malhargarh, Dist. Mandsaur (MP)

This is case of Soil/Murum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 365/3, 365/4), Village - Manasakhurd, Tehsil - Malhargarh, Dist. Mandsaur (MP) 2.0 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. 171 dated 19/1/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Soil/Murum Quarry thus no blasting is proposed. During presentation it was also observed that settlement at a distance of 500 m in the east side and pucca road at 50 m in the south side. After presentation the committee asked to submit following details:

- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021, 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 of Soil/Murum as per mine plan with quantity not exceeding 25,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.59 Lakh as capital and Rs 2.36 Lakh/year as recurring are proposed by PP.

27. Case No 8527/2021 Shri Harsh Mandawi S/o Shri Ramesh Kumar Mandawi, Dhirwankala, Tehsil - Shahpura, Dist. Dindori, MP - 481990 Prior Environment Clearance for Stone Quarry in an area of 1.80 ha. (25859 cum per annum) (Khasra No. 104/1), Village - Dhriwankala, Tehsil - Shahpura, Dist. Dindori (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 104/1), Village - Dhriwankala, Tehsil - Shahpura, Dist. Dindori (MP) 1.80 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. 462 dated 20/11/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that that settlement at a distance of 550 m in the east side and pucca road at 100 m in the north side. 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 of Stone as per mine plan with quantity not exceeding 25,859 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 10.86 Lakh as capital and Rs. 3.26 Lakh/year as recurring has proposed by PP.

28. Case No 8487/2021 Shri Rajiv Kumar Gupta S/o Shri Gopal Gupta, Village - Sabalgarh, Dist. Morena, MP - 476229 Prior Environment Clearance for Soil Quarry in an area of 1.0 ha. (2000 cum per annum) (Khasra No. 610, 611), Village - Tindoli, Tehsil - Sabalgarh, Dist. Morena (MP)

This is case of Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 610, 611), Village - Tindoli, Tehsil - Sabalgarh, Dist. Morena (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 494 dated 25/3/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.5 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Soil Quarry thus no blasting is proposed. . PP further submitted that maximum depth will not be > 2.00 meters and kiln is not proposed in the lease. 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 of Soil as per mine plan with quantity not exceeding 2,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.12 Lakh as capital and Rs 1.03 Lakh/year as recurring are proposed by PP.

29. Case No 8516/2021 M/s Vijay Builders, 15, Gam Bamlabe, Tehsil - Biaora, Dist. Rajgarh, MP - 473001 Prior Environment Clearance for Sand Quarry in an area of 5.0 ha. (10000 cum per annum) (Khasra No. 548), Village - Dehri Khurd, Tehsil - Aron, Dist. Guna (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 548), Village - Dehri Khurd, Tehsil - Aron, Dist. Guna (MP) 5.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 47 dated 03/2/2021 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 a case of river sand mining. Mining shall be carried out as per the approved mine plan. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 10,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 25.55 Lakh as capital and Rs. 1.13 Lakh/year as recurring are proposed by PP.

30. Case No 8515/2021 M/s Vijay Builders, 15, Gam Bamlabe, Tehsil - Biaora, Dist. Rajgarh, MP - 473001 Prior Environment Clearance for Sand Quarry in an area of 5.0 ha. (10000 cum per annum) (Khasra No. 251), Village - Berkhedi, Tehsil - Guna, Dist. Guna (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 251), Village - Berkhedi, Tehsil - Guna, Dist. Guna (MP) 5.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 88 dated 16/3/2021 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 a case of river sand mining. Mining shall be carried out as per the approved mine plan. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 10,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 24.05 Lakh as capital and Rs. 1.13 Lakh/year as recurring are proposed by PP.

31. Case No 8517/2021 M/s Vijay Builders, 15, Gam Bamlabe, Tehsil - Biaora, Dist. Rajgarh, MP - 473001 Prior Environment Clearance for Sand Quarry in an area of 5.0 ha. (10000 cum per annum) (Khasra No. 186), Village - Bhamavad, Tehsil - Kumbhraj, Dist. Guna (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 186), Village - Bhamavad, Tehsil - Kumbhraj, Dist. Guna (MP) 5.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 44 dated 03/2/2021 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 a case of river sand mining. Mining shall be carried out as per the approved mine plan. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 10,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 26.05Lakh as capital and Rs. 1.13 Lakh/year as recurring are proposed by PP.

32. Case No 8500/2021 Shri Brajnaranayan Sharma S/o Shri Vrandawan Sharma, Baheriya, Roopnagar, Tehsil - Isagarh, Dist. Ashoknagar, MP - 473335 Prior Environment Clearance for Stone Quarry in an area of 1.905 ha. (17818 cum per annum) (Khasra No. 375), Village - Lahadpur, Tehsil - Isagarh, Dist. Ashoknagar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 375), Village - Lahadpur, Tehsil - Isagarh, Dist. Ashoknagar (MP) 1.905 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. 491 dated 16/3/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.905 ha., including this mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings. Since the tenure of SEAC will be over on 09th April, 2021 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

33. Case No 8503/2021 Shri Amar Mishra S/o Shri P.C.Mishra, 245, Saketdham, Gawarighat, Dist. Jabalpur, MP - 482001 Prior Environment Clearance for Stone Quarry in an area of 1.19 ha. (8678 cum per annum) (Khasra No. 294 Part), Village - Jamuniya, Tehsil - Jabalpur, Dist. Jabalpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 294 Part), Village - Jamuniya, Tehsil - Jabalpur, Dist. Jabalpur (MP) 1.19 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. 950 dated 15/3/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.59 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone Quarry. 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 of Stone Quarry as per mine plan with quantity not exceeding 8678 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 27.54 Lakh as capital and Rs. 1.69 Lakh/year as recurring has proposed by PP.

34. Case No 8518/2021 Shri Mahesh Patidar S/o Shri Kailash Patidar, H.No. 06, Block Ekta, Chinara Fortune City, Hoshangabad Road, Dist. Bhopal, MP - 462047 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (3325 cum per annum) (Khasra No. 151, 152), Village - Rajeev Nagar, Tehsil - Huzur, Dist. Bhopal (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 151, 152), Village - Rajeev Nagar, Tehsil - Huzur, Dist. Bhopal (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 1162 dated 22/3/2021 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. Since the tenure of SEAC will be over on 09th April, 2021 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

35. Case No 8502/2021 M/s Dhanlaxmi Marchendais Pvt. Ltd, 501/pi/1, Ward No. 16, Civil Line, Kalika Nagar, Babai Road, Dist. Hoshangabad, MP - 461001 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (32400 cum per annum) (Khasra No. 100), Village - Kudari, Tehsil - Gadarwara, Dist. Narsinghpur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 100), Village - Kudari, Tehsil - Gadarwara, Dist. Narsinghpur (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 29 dated 8/1/2021 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 a case of river sand mining. After presentation the committee asked to submit following details:

- Revised EMP.
- Revised Production details
- Revised surface plan.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021, 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 32,400 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 41.42 Lakh as capital and Rs. 2.95 Lakh/year as recurring are proposed by PP.

36. Case No 8504/2021 Shri Rajesh Pathak, Ward No. 15, Baiher Road, Dist. Balaghat, MP - 481001 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (95000 cum per annum) (Khasra No. 854 Part), Village - Khairi, Tehsil - Khairlanji, Dist. Balaghat (MP)

This is case of Sand Quarry. 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) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2451 dated 15/6/2020 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 a case of river sand mining. Mining shall be carried out as per the approved mine plan. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 95,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 31.25 Lakh as capital and Rs. 1.69 Lakh/year as recurring are proposed by PP.

37. Case No 8521/2021 Shri Rajesh Pathak, Ward No. 15, Baiher Road, Dist. Balaghat, MP - 481001 Prior Environment Clearance for Sand Quarry in an area of 4.90 ha. (29697 cum per annum) (Khasra No. 397), Village - Dadia, Tehsil - Lalbarra, Dist. Balaghat (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 397), Village - Dadia, Tehsil - Lalbarra, Dist. Balaghat (MP) 4.90 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2107 dated 06/3/2020 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 a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that the part of the lease is submerged in the water. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 29,697 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 26.16 Lakh as capital and Rs. 1.22 Lakh/year as recurring has proposed by PP.

38. Case No 8499/2021 Shri Prahlad Singh, Village - Tanodiya, Tehsil - Agar, Dist. Agar Malwa, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (20500 cum per annum) (Khasra No. 235), Village - Tanodiya, Tehsil - Agar, Dist. Agar Malwa (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 235), Village - Tanodiya, Tehsil - Agar, Dist. Agar Malwa (MP) 2.0 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. 467 dated 27/03/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that Natural drain at a distance of 80 m in the south-east, Stadium at 230 m in the south direction & Mandi at 330 m in the South-East side. PP submitted that Controlled Muffle blasting will be carried out along with arrangements of sand bags and three rows of plantation shall be done in this side. 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 of Stone as per mine plan with quantity not exceeding 20,500 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.87 Lakh as capital and Rs. 3.69 Lakh/year as recurring has proposed by PP.

39. Case No 8498/2021 Shri Prahlad Singh S/o. Shri Bheru Singh Chauhan, Thikriya Tehsil – Agar Dist. Agar Malwa, MP Prior Environment Clearance for Murrum Quarry in an area of 1.50 ha. (17530 cum per annum) (Khasra No. 290, 291), Village - Sikroda Futkar, Tehsil - Gwalior, Dist. Gwalior (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 290, 291), Village - Sikroda Futkar, Tehsil - Gwalior, 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 (Ekal Praman-Patr) letter no. 467 dated 27/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Murrum Quarry thus no blasting is proposed. During presentation it was also observed that a Kachcha road at a distance of 90 m in the SW side.

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 of Murrum as per mine plan with quantity not exceeding 17,530 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.88 Lakh as capital and Rs 04.16 Lakh/year as recurring are proposed by PP.

40. Case No 8497/2021 Shri Anand Pandey S/o Shri Laxmi Prasad Pandey, Gol Bazar, Opp. Sindhi Gurudware, Hanumanganj, Dist. Katni, MP Prior Environment Clearance for Murrum Quarry in an area of 1.0 ha. (10023 cum per annum) (Khasra No. 244), Village - Khajuri, Tehsil - Katni, Dist. Katni (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 244), Village - Khajuri, Tehsil - Katni, Dist. Katni (MP) 1.0 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. 1068 dated 03/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Murrum Quarry thus no blasting is proposed. During presentation it was also observed that a kachha road is existed at a distance of 20 m in the south side of the lease and a pond at existed at 250 m in the East side and a settlement in NE side at 510 m. 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 of Murrum as per mine plan with quantity not exceeding 10,023 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 22.47 Lakh as capital and Rs 2.24 Lakh/year as recurring has proposed by PP.

41. Case No 8496/2021 Shri Mayank Singh Parihar S/o Shri Braj Kumar Singh, Near Gayatri Vihar, ITI, Badabag, Dist. Rewa, MP - 486001 Prior Environment Clearance for Stone Quarry in an area of 1.619 ha. (10002 cum per annum) (Khasra No. 530/1/1, 530/1/2, 530/1/3), Village - Raksha, Tehsil - Manpur, Dist. Umariya (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 530/1/1, 530/1/2, 530/1/3), Village - Raksha, Tehsil - Manpur, Dist. Umariya (MP) 1.619 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. 110 dated 19/1/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.619 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. 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 of Stone as per mine plan with quantity not exceeding 10,002 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 16.16 Lakh as capital and Rs. 3.35.00 Lakh/year as recurring has proposed by PP.

42. Case No 8495/2021 M/s R.K.Gupta Contractors and Engineers Pvt. Ltd, Authorized Person, Shri Rajendra Kumar Gupta, B-72, Shahpura, Dist. Bhopal, MP - 451224 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (10000 cum per annum) (Khasra No. 44), Village - Lalpura, Tehsil - Maheshwar, Dist. Khargone (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 44), Village - Lalpura, Tehsil - Maheshwar, Dist. Khargone (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2612 dated 17/9/2020 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 a case of river sand mining on Narmada River. PP submitted that only manually method shall be carried out as per approved mine plan. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 10,000 cum/year.
2. Being River is Narmada hence, only manually method shall be carried out.
3. A budgetary provision for Environmental management Plan of Rs. 28.80 Lakh as capital and Rs. 3.49 Lakh/year as recurring are proposed by PP.

43. Case No 8494/2021 Smt. Sadhna Kunwar, Lakhaheda, Ghatiya, Dist. Ujjain, MP Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (12000 cum per annum) (Khasra No. 89), Village - Debari, Tehsil - Ghatiya, Dist. Ujjain (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 89), Village - Debari, Tehsil - Ghatiya, Dist. Ujjain (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 4314 dated 10/2/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.0 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Murrum Quarry thus no blasting is proposed. during presentation as per Google image based on coordinates provided by PP, it was observed that the lease area is already excavated .PP submitted that they have got this lease in such

condition and pit has shown on surface map. 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 of Murrum as per mine plan with quantity not exceeding 12,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 10.13 Lakh as capital and Rs 04.91 Lakh/year as recurring are proposed by PP.

44. Case No 8475/2021 Shri Anil Kumar Khatri S/o Shri Keval Kumar Khatri, Ajay Bhawan, Bandhavgarh Colony, Raghurajnagar, Dist. Satna, MP - 485001 Prior Environment Clearance for Stone Quarry in an area of 1.410 ha. (15000 cum per annum) (Khasra No. 308P), Village - Lakhanwah, Tehsil - Kotar, Dist. Satna (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 308P), Village - Lakhanwah, Tehsil - Kotar, Dist. Satna (MP) 1.410 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. 932 dated 14/3/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 11.060 ha., including this mine.

The case was presented by the PP and their consultant, being it's a case Stone Quarry with total area of 11.06 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:-

- Cumulative impact of air, noise & traffic shall be incorporated in final EIA Report.
- Inventory of all existing trees with their girth and height details and if any tree is to be uprooted, then plan it should be clearly addressed in EIA.

- Protection plan w.r.t. settlement which is 180 meters in the NW side .
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.
- Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.

45. Case No 8490/2021 Shri Nilesh Katara S/o Kantilal Katara, Para, Rama, Dist. Jhabua, MP - 457661 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (19000 cum per annum) (Khasra No. 181, 186, 196), Village - Kuberpara, Tehsil - Rama, Dist. Jhabua (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 181, 186, 196), Village - Kuberpara, Tehsil - Rama, Dist. Jhabua (MP) 2.0 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. 273 dated 04/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. 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 of Stone as per mine plan with quantity not exceeding 19,000 cum/year.

2. A budgetary provision for Environmental management Plan of Rs. 11.38 Lakh as capital and Rs. 5.01 Lakh/year as recurring has proposed by PP.

46. Case No 8491/2021 Shri Shubham Goyal, Hariyana Bhawan, Panna Naka, Dist. Satna, MP - 485446 Prior Environment Clearance for Stone Quarry in an area of 1.70 ha. (5000 cum per annum) (Khasra No. 267/2, 268/1Kha, 268/2, 271//Gya/1, 271/1/Gya/2), Village - Badhaw Ubari, Tehsil - Nagod, Dist. Satna (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 267/2, 268/1Kha, 268/2, 271//Gya/1, 271/1/Gya/2), Village - Badhaw Ubari, Tehsil - Nagod, Dist. Satna (MP) 1.70 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. 900 dated 29/5/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.957 ha., including this mine.

The case was presented by the PP and their consultant, being it's a case Stone Quarry with total area of 6.957 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:-

- Cumulative impact of air, noise & traffic shall be incorporated in final EIA Report.
- Inventory of all existing trees with their girth and height details and if any tree is to be uprooted, then plan it should be clearly addressed in EIA.
- Protection plan w.r.t. settlement which is 180 meters in the NW side .
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and

villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.

- Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.

47. Case No 8492/2021 Shri Brijesh Soni, Near Chhoti Devi Temple, Dist. Tikamgarh, MP Prior Environment Clearance for Expansion of Quartz Quarry in an area of 12.00 ha. (15000 MTPA to 300000 TPA) per annum) (Khasra No. 993/2), Village - Dargawan, Tehsil - Tikamgarh, Dist. Tikamgarh (MP)

This is case of Expansion of Quartz Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 993/2), Village - Dargawan, Tehsil - Tikamgarh, Dist. Tikamgarh (MP) 12.00 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant PP submitted that this is a case of capacity expansion of Quartz Quarry 15,000 MTPA to 3,00,000 MTPA. wherein it was observed by the committee that it's a case of Quartz mining. Being it's a case Quartz Quarry with total area of 12.00 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:-

- Compliance of previous EC condition. Being case of expansion.
- Cumulative impact of air, noise & traffic shall be incorporated in final EIA Report.
- Inventory of all existing trees with their girth and height details and if any tree is to be uprooted, then plan it should be clearly addressed in EIA.
- Protection plan w.r.t. settlement which is >250 meters in the west & 210 m in the east side and pond in the NW side at 200 meters.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects

wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.

- Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.

48. Case No 8520/2021 Shri Vishal Rajoriya S/o Shri Dwarka Prasad Rajoriya, 8, Bhakt Nagar, Dist. Ujjain, MP - 456661 Prior Environment Clearance for Stone Quarry in an area of 3.50 ha. (28785 cum per annum) (Khasra No. 205), Village - Jambura, Tehsil - Ujjain, Dist. Ujjain (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 205), Village - Jambura, Tehsil - Ujjain, Dist. Ujjain (MP) 3.50 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 (Ekal Praman-Patr) letter no. 4642 dated 22/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. 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 of Stone as per mine plan with quantity not exceeding 28,785 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 30.83 Lakh as capital and Rs. 01.5100 Lakh/year as recurring has proposed by PP.

49. Case No 8522/2021 M/s Maruti Enterprises, Partner, Shri Ajay Singh S/o Shri Gurumukh Singh, Kothari Complex, Jail Ke Pass, Kandeli, Tehsil & Dist. Narsinghpur, MP - 462001 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (19932 cum per annum) (Khasra No. 187/3, 187/4), Village - Panjara, Tehsil - Narsinghpur, Dist. Narsinghpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 187/3, 187/4), Village - Panjara, Tehsil - Narsinghpur, Dist. Narsinghpur (MP) 2.0 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. 349 dated 26/2/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that a pucca road at a distance of 70 m in the North side of the lease. After presentation the committee asked to submit revised EMP. PP has submitted the response of above quarries same date vide letter dated 06.04.2021. 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 of Stone as per mine plan with quantity not exceeding 19,932 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 16.33 Lakh as capital and Rs. 1.47 Lakh/year as recurring has proposed by PP.

50. Case No 8519/2021 Shri Ashish Kumar Pande S/o Shri M.D.Pande, Bamhni Banjar, Tehsil & Dist. Mandla, MP - 481661 Prior Environment Clearance for Stone Quarry in an area of 2.83 ha. (15000 cum per annum) (Khasra No. 132, 563, 564, 567, 568), Village - Kajrawada, Tehsil - Nainpura, Dist. Mandla (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 132, 563, 564, 567, 568), Village - Kajrawada,

Tehsil - Nainpura, Dist. Mandla (MP) 2.83 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. 367 dated 24/2/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.97 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that Kachcha aroid is existed at a distance of 10 m in the south side. 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 of Stone as per mine plan with quantity not exceeding 15,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 26.60 Lakh as capital and Rs. 01.29 Lakh/year as recurring has proposed by PP.

51. Case No 8526/2021 Shri Shivendra Pratap Singh Tomar S/o Shri Ajay Pratap Singh Tomar, Arya Nagar, Murar, Dist. Gwalior, MP - 474001 Prior Environment Clearance for Stone Quarry in an area of 3.750 ha. (170430 cum per annum) (Khasra No. 663, 664, 686, 687), Village - Gowai, Tehsil - Gwalior, Dist. Gwalior (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 663, 664, 686, 687), Village - Gowai, Tehsil - Gwalior, Dist. Gwalior (MP) 3.750 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. QL109 dated 18/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. 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 of Stone as per mine plan with quantity not exceeding 1,70,430 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 32.05 Lakh as capital and Rs. 02.00 Lakh/year as recurring has proposed by PP.

52. Case No 8529/2021 Shri Vinod Sharma S/o Shri Brajnarayan Sharma, Baheriya, Tehsil - Isagarh, Dist. Ashoknagar, MP - 473335 Prior Environment Clearance for Stone Quarry in an area of 1.689 ha. (18430 cum per annum) (Khasra No. 378), Village - Lahadpur, Tehsil - Isagarh, Dist. Ashoknagar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 378), Village - Lahadpur, Tehsil - Isagarh, Dist. Ashoknagar (MP) 1.689 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. 492 dated 16/3/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.689 ha., including this mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings. Since the tenure of SEAC will be over on 09th April, 2021 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

53. Case No 8530/2021 M/s Jay Mahakali Stone Crusher LLP, Prop., Shri Vishal Chaturvedi, 11-12, Patel Nagar, City Centre, Dist. Gwalior, MP - 474006 Prior Environment Clearance for Stone Quarry in an area of 2.150 ha. (50000 cum per annum) (Khasra No. 53/2, 53/5, 53/4/1), Village - Supaavalii, Tehsil - Morar, Dist. Gwalior (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 53/2, 53/5, 53/4/1), Village - Supaavalii, Tehsil - Morar, Dist. Gwalior (MP) 2.150 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. QL18 dated 08/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that a Kachcha road is existed at a distance of 20 m. After presentation the committee asked to submit following details:

- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 06.04.2021, 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 of Stone as per mine plan with quantity not exceeding 50,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 28.00 Lakh as capital and Rs. 1.59 Lakh/year as recurring has proposed by PP.

54. Case No 6923/2020 M/s. Maa Narmada Crusher, Prop. SHri Ramlal Mandloi, Village - Borjhiri, Tehsil - Manawar, Dist. Dhar, MP – 454446 Prior Environment Clearance for Stone Quarry in an area of 2.90 ha. (8,416 cum per annum) (Khasra No. 46/1), Village - Sondul, Tehsil - Manawar, Dist. Dhar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 46/1), Village - Sondul, Tehsil - Manawar, Dist. Dhar (MP) 2.90 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. 2598 dated: 26/12/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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 430th SEAC meeting dated 17/3/2020 & 432th SEAC meeting dated 18/5/2020. 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.

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

55. Case No 8298/2021 Shri Bhojraj Komadiya S/o Shri Ramesh Chandra Komadiya, Village - Rajgarh, Tehsil - Sardarpur, Dist. Dhar, MP Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (25000 cum per annum) (Khasra No. 1207), Village - Ringnod, Tehsil - Sardarpur, Dist. Dhar (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1207), Village - Ringnod, Tehsil - Sardarpur, Dist. Dhar (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 404 dated: 17/02/2021 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 the 489th SEAC meeting dated 12/3/21 wherein during presentation it was observed that the lease area is already excavated. PP submitted that this is a case of capacity expansion of Murrum quarry from 7750 cum per annum to 25,000 cum per annum. Committee asked PP to submit MoEF&CC compliance report then after case shall be appraised.

PP has submitted the response of above quarries same date vide letter dated 24.03.2021, which was placed before the committee wherein committee observed that as per the compliance report, the compliance of condition number 09,10,11 is not given in the report. PP has also not planted the trees in the desired numbers and expenses made for the CSR are also not submitted. After deliberations, PP was asked to submit response on above issues.

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.

PP vide letter dated 05.04.2021 has submitted in the response of above quarry the same was placed before the committee and 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 of Murrum as per mine plan with quantity not exceeding 25000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs.16.67 Lakh as capital and Rs.3.23 Lakh/year are proposed by PP.

56. Case No 8138/2021 Smt. Jaikumar Bai Rajput W/o Shri Prem Singh Rajput, Ward No. 03, Udaipura, Dist. Raisen, MP – 464551 Prior Environment Clearance for Stone Quarry in an area of 3.286 ha. (32300 cum per annum) (Khasra No. 90), Village - Chhind, Tehsil - Udaipura, Dist. Raisen (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 90), Village - Chhind, Tehsil - Udaipura, Dist. Raisen (MP) 3.286 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. Q dated: 17/12/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.626 ha., including this mine.

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that as per Google image based on coordinates provided by PP the entire lease area is surrounded by agriculture land. Moreover, PP stated that this is a private land. Committee after deliberation decided that mining on agricultural field shall not be encouraged and thus asked PP to submit soil testing analysis report particularly w.r.t. Nitrogen (N), Phosphorous (P) and Potassium (K) values from their field from any Government approved Soil Testing Laboratory for further consideration of the case.

PP has submitted the response of above quarries same date vide letter dated 03.04.2021, 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 of Stone as per mine plan with quantity not exceeding 32,300 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 23.56 Lakh as capital and Rs 02.79 Lakh/year as recurring are proposed by PP.

57. Case No 8266/2021 M/s Shree Katthiwada Bhabra Udaigarh Highway Private Ltd, M/s Shreeji Infraspaces Pvt. Ltd, Ahmedabad, R/o, Hal Mukam, Tehsil - Jobat, Dist. Alirajpur Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (12500 cum per annum) (Khasra No. 14, 15, 16, 17, 18, 31), Village - Utti, Tehsil - Jobat, Dist. Alirajpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 14, 15, 16, 17, 18, 31), Village - Utti, Tehsil - Jobat, Dist. Alirajpur (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 74 dated: 27/01/2021 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 lease was obtained under temporary permit (TP) with two years validity. As per Google image based on coordinates provided by PP 05 trees are existed within lease area and PP submitted that no tree felling is proposed. Moreover a natural drain is originating from the lease PP stated that this shall be dealt as no- mining area. After presentation the committee asked to submit following details:

- PP's commitment that all 05 trees shall be kept intact and no tree felling is proposed and tree occupied area shall be dealt as no- mining area.
- Revised production plan.
- Justification / revised MO certificate w.r.t 01 mine is existing at west side, within 500 meters around this mine.
- Revised EMP as per revised format.
- Physical targets based Corporate Environment Responsibility (CER) under EMP.

PP has submitted the response of above quarries same date vide letter dated 05.04.2021, 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':

3. Production of Stone as per mine plan with quantity not exceeding 12.500 cum/year.
4. A budgetary provision for Environmental management Plan of Rs. 25.40 Lakh as capital and Rs 08.32 Lakh/year as recurring are proposed by PP.

58. **Case No 8267/2021 M/s Shree Udaigarh Balwadi Highway Private Ltd, M/s Shreeji Infraspaces Pvt. Ltd, Ahmedabad, R/o, Hal Mukam, Tehsil - Jobat, Dist. Alirajpur, MP, Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (12500 cum per annum) (Khasra No. 35, 48, 49, 180/1, 180/2, 180/3, 180/4, 180/5), Village - Utti, Tehsil - Jobat, Dist. Alirajpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 35, 48, 49, 180/1-5), Village - Utti, Tehsil - Jobat, Dist. Alirajpur (MP) 2.0 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. 76 dated: 27/01/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein as per Google image based on coordinates provided by PP, 05 trees are existed within lease area and PP submitted that no tree felling is proposed. Moreover a natural drain is originating from the lease PP stated that this shall be dealt as no- mining area. After presentation the committee asked to submit following details:

- PP's commitment that all trees shall be kept intact and no tree felling is proposed and tree occupied area shall be dealt as no- mining area.
- Revised production plan.
- Justification or revised MO certificate w.r.t 01 mine is existing at west side, within 500 meters around this mine.
- Revised EMP as per revised format.
- Physical targets based Corporate Environment Responsibility (CER) under EMP.

PP has submitted the response of above quarries same date vide letter dated 05.04.2021, 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 of Stone as per mine plan with quantity not exceeding 12,500 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 25.40 Lakh as capital and Rs 08.32 Lakh/year as recurring are proposed by PP.

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
Member

(Dr. Rubina Chaudhary)
Member

(Dr. Sonal Mehta)
Member

(Dr. J. P. Shukla)
Member

(Dr. Anil Sharma)
Member

(A. A. Mishra)
Secretary

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murram 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 CER 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.
22. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
23. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
24. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
25. Mining Lease boundary shall be appropriately earmarked with fencing.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.

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. Only registered vehicles/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.
5. 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.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 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.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. 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.

17. 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.
18. 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.
19. A separate bank account should be maintained for all the expenses made in the EMP and CER 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.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. 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.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. 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.
24. 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.
25. 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.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Mining Lease boundary shall be appropriately earmarked with fencing.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
28. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.

- ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
- iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
- iv. The sand quarrying shall not be carried out below the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
- v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
- vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
- vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
- viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
- ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.

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 CER 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.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. Mining Lease boundary shall be appropriately earmarked with fencing.
27. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.

- b. Mining Lease area of the project (in ha.)
- c. Production capacity of the project.

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 CER 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 CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.

20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analysed.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.

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.

29. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
30. Detailed analysis of availability and quality of the drinking water resources available in the block.
31. 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.
32. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.