

The 525<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 10<sup>th</sup> November, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

1. Shri Raghvendra Shrivastava, Member.
2. Prof. (Dr.) Rubina Chaudhary, Member.
3. Dr. A. K. Sharma, Member.
4. Prof. Anil Prakash, Member.
5. Prof. (Dr.) Alok Mittal, Member.
6. Dr. Jai Prakash Shukla, Member.
7. Dr. Ravi Bihari Srivastava, Member.
8. Shri A.A. Mishra, Member Secretary.

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

1. **Case No 8678/2021 Collector, District Administration, Dist. Gwalior, MP. Prior Environment Clearance for "New Township Thatipur (Government Facilities)" at Khasra No. 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226/1, 227, 228, 229, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254/1, 256/1, 257, 258/1, 259/1, 260/1, 265/1, 266, 267/1, 268/1, 269/1, 270/1 Total Plot Area : 1,05,842 Sq.M. Build Up area 58,468.66 Sq.M. Village - Mehra, Dist. - Gwalior (M.P.). Cat. – 8(a) Building Construction Project. Env. Consultant: M/s. ENVISOLVE LLP, Indore.**

This is case of Prior Environment Clearance for new township Thatipur (Government Facilities)" at Khasra No. 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226/1, 227, 228, 229, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254/1, 256/1, 257, 258/1, 259/1, 260/1, 265/1, 266, 267/1, 268/1, 269/1, 270/1 Total Plot Area : 105842 Sq.M. Build Up area 58,468.66 Sq.M. Village - Mehra, Distt. - Gwalior (M.P.). Cat. – 8(a) Building Construction Project.

The case was scheduled in 520<sup>th</sup> meeting dated 13/10/2021 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.

The case was presented by Env. Consultant Shri Shubham Dubey & Pradeep Chandanan from M/s. ENVISOLVE LLP, Indore and PP Shri Suryakant Sharma, EE wherein PP submitted that Proposed New Township Thatipur (Government Works) Gwalior under Re-densification Scheme of GoMP by Collector, District Administration, Gwalior, Madhya Pradesh.

During presentation following details of the project were presented:

<b>Project Proposal</b>	Environmental Clearance for Proposed New Township Thatipur (Government Works) Gwalior under Re-densification Scheme of GoMP by Collector, District Administration, Gwalior, Madhya Pradesh.
<b>Total Plot Area</b>	105842.38 sq.mt.
<b>Total Built up Area</b>	58468.66 sq.mt .
<b>Location of Project</b>	Khasra No. 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226/1, 227, 228, 229, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254/1, 256/1, 257, 258/1, 2w59/1, 260/1, 265/1, 266, 267/1, 268/1, 269/1, 270/1 Village Mehra, Tehsil City Center and District Gwalior, State: Madhya Pradesh.
<b>Expected Occupancy</b>	6699
<b>Geological Location</b>	Latitude 26°12'40.98"N Longitude 78°12'23.64"E
<b>Altitude of the Site</b>	204 m- 209 m
<b>Estimated Project Cost</b>	INR 200 crores

<b>S.No.</b>	<b>Particulars</b>	<b>Proposed</b>
1.	Net Plot Area	83305.59 sq.mt.
2.	Built up area	58468.66 sq.mt.

3.	Ground coverage	Permissible Ground coverage @30% =24991.67 sq. mt. Proposed Ground coverage @21.44% =17864.62 sq. mt.
4.	Total units in Govt. Quarters	E Type – 30 (4 BHK), NGO Type (2 BHK) – 16, F Type (2 BHK) – 80, G Type (2 BHK) – 288, H Type (1 BHK) – 240, I Type (1 BHK) - 144 <b>Total- 798</b>
5.	Govt. Higher Secondary School	1 No.
6.	Govt. Offices Complex	1 No.
7.	Community Centre	1 No.
8.	Temple Complex	1 No.
9.	Land area details	Total land area = 105842.38 SQ.M. Area under 30 M wide coordination road = 21583.63 SQ.M. Area under road widening (24 M wide road) = 953.16 SQ.M. Net plot area = 83305.59 SQ.M. Permissible ground coverage @ 30%= 24991.67 SQ.M. Proposed ground coverage @ 21.44%= 17864.62 SQ.M. Permissible built-up area @ 1.5= 124958.38 SQ.M. Proposed built-up area = 58468.66 SQ.M.
9.	Parking	Open parking-276 Stilt parking-411 Basement parking- 0 Total-687

10.	STP capacity	670 KLD
11.	Total Solid Waste	3552 kg/ day
12.	Power Requirement	2653 KW
13.	DG set details	DG set of 30 KVA in 16 no, 62.5KVA in 1 & 100 KVA in 1 no.
12.	Water Requirement in KLD	Fresh Water: 419 KLD Flushing: 230 KLD Landscape: 62 KLD Sewage Gen: 565 KLD Treated water: 508.5 KLD

**DETAILED LAND BREAK-UP**

Sl.No.	Land Use details	Area (Sq.m.)
1	Plinth Area	22437.00
2	Green Cover Area	8848.00 (10.62 %)
3	Open area	20265.00
4	Road Area	25439.59
5	others	6316.00
6	Total (Sq.m.)	83305.59

**PROPOSED PARKING**

Parking	Particulars	Area (Sq.M)	No. of ECS
Open Parking	Proposed Parking @ 25 Sqm/ ECS	6902	276

<b>Covered Parking</b>			
Stilt Parking	Proposed Parking @ 30 Sqm/ ECS	12340.28	411
<b>Total</b>		19242.28	<b>687</b>

## **WATER BALANCE**

S. No.	Particulars	Occupancy/ Area	Rate of water demand	Water Requirement (KLD)		Total
				Domestic (Fresh Water)	Flushing (Recycled Water)	
1.	Residential units	3990	135 lphd	359.10	179.55	538.65 ~ 539
2.	Office	210	45 lphd	5.25	4.20	9.45 ~ 9
3.	School	2100	45 lphd	52.50	42.00	94.50 ~ 94
4.	Visitors	399	15 lphd	1.99	3.99	5.99 ~ 6
5.	Horticulture	8848 m <sup>2</sup>	7 L/m <sup>2</sup>	-	-	61.93 ~ 62
	Total	-	-	418.85 Say 419 KLD	229.74 Say 230 KLD	710.52 Say 711 KLD

- Proposed units for construction are given below:

Total units in Govt. Quarters	E Type – 30 (4 BHK), NGO Type (2 BHK) – 16, F Type (2 BHK) – 80, G Type (2 BHK) – 288, H Type (1 BHK) – 240, I Type (1 BHK) - 144 Total- 798
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During presentation PP further submitted that in the planning area 580 trees are existed out of this 79 of existing (dry trees) are proposed for uprooting at the time of construction and 392 trees shall be transplanted insitu (as far as possible near to the existing trees ). About 3290 compensatory trees will be planted for which MPH&IDB has already deposited amount to Forest Department and work is under progress. Apart from these, a tender for additional plantation of 500 trees is already floated by MPH&IDB. PP vide letter no. 1876 dated 18.05.2021 amount Rs. 4.7077 Lakh Paid to DFO Gwalior towards alternate Plantation of 800 Trees. PP vide letter no. 2802-06

dated 05.08.2021 amount Rs. 19.36 Lakh Paid DFO Gwalior for relocation of 3290 Trees. Committee recommended that since the proposed area is well within the city limit, thus to compensate the plantation, high density plantation shall be carried out for atleast 10,000 plants through forest department in an area of minimum 2.00 ha (preferably 5.00 ha) which in future will act as the green lungs area of the city. Committee further suggested that a committee shall be constituted by district administration to monitor the progress and compliance of this condition and shall visit the site atleast twice a year and its report shall be furnished to SEIAA with six monthly compliance reports.

For this proposed project, 20 structures including F type housing and PWD offices will be demolished in Phase-1. Demolition work will be contracted to third party for whom tenders are floated and generated C&D will be disposed off as per the prevailing rules in consultation with the municipal corporation. Committee suggested that being building is constructed within city limit, PP shall explore the possibility of green rating (minimum three star)

Committee after presentation and deliberation PP was asked to submit following information for further consideration of the project:

1. Complete species-wise inventory of tree existing within planning area with girth & height details and trees which will be uprooted and transplanted.
2. Commitment for development of high dense plantation of 10,000 trees through forest department in an area of minimum 2.00 ha (preferably 5.00 ha) with species wise plantation scheme and preference shall be given to the ever green tree species. (such as Gular & Pipal)
3. Details of measures proposed for Energy Efficiency.
4. Revised plantation species as suggested by committee (Neem, Ficus, Putranjiva, arika, Kigelia Pinnata, Karanj, Bahunia, Kachnar etc) shall be submitted to SEAC.
5. Proposal for contribution to the Zoo (Gwalior) for animal wildlife health.

**2. Case No 8740/2021 M/s. Municipal Corporation, Near S.P. Office, A.B.Road, Dist. Dewas, MP, Prior Environment Clearance Construction & Development of Sanitary / Scientific Landfill at Trenching Ground, Bhopal Bypass Road, Dist. Dewas (MP) . M/s. Env. Consultant: M/s. ENVISOLVE LLP, Indore.**

This is case of Prior Environment Clearance Construction & development of Sanitary / Scientific Landfill at Trenching Ground, Bhopal Bypass Road, Dist. Dewas (MP). The

project requires prior EC before commencement of any activity at site. the project is falls under Category 7(i).

The project is a construction CMSWMF falls under Category 7(i) of Common Municipal Solid Waste Management Facility (CMSWMF) (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and involves environmental clearance.

The case was presented by Env. Consultant Shri Shubham Dubey & Pradeep Chandanan from M/s. ENVISOLVE LLP, Indore and PP Shri Saurabh Tripathi during presentation it was observed by the committee that as per Google image based on coordinates provided by that the site is on the foot hill of a hillock hence, PP will submit surface run off management plan. PP submitted that nearest WL sanctuary is Kheoni which is >50 KMs away from the site & Ralamandal is 33 KMs. PP further stated that –

- To overcome the deficient Solid Waste Management (SWM) system in the area, Dewas Municipality intends to facilitate an Integrated Solid Waste Management facility by creating an efficient waste segregation, collection, transportation, processing and disposal mechanism in conformity with the Solid Waste Management Rules, 2016 and its amendments. Proposed Construction & development of Sanitary/ Scientific Landfill Near Trenching Ground Bypass AB Road Dewas, Madhya Pradesh by Municipal Corporation Dewas. The proposed project relates to the Integrated Solid Waste Management Facility. The project area is 2,911 m<sup>2</sup>.
- There is no practice followed for segregation of MSW at source in to biodegradable (wet) and non-biodegradable (dry) waste in the town. At present the municipal solid waste generated by domestic, commercial activities in area is indiscriminately spread on the streets cause nuisance to the people, clog the surface drains, contaminates water bodies. As of now, there is no scientific disposal Method being followed, entire waste of the city is disposed of at the dumping grounds untreated & The garbage is left open for the natural decomposition. Dewas municipality do not have any engineered landfill, therefore mixed waste is disposed off in and unscientific manner causing problems of health and environmental degradation. To avoid all above, this project has the prime requirement in the area.
- No alternative sites were examined for the development of Sanitary Landfill Site.

S. No.	Information	Details
1	Project name	Proposed Integrated Solid Waste Management Facility Project near Trenching Ground Bypass AB Road Dewas, Madhya Pradesh
2	Area	2911 m <sup>2</sup>
3	Name of the Client	Municipal Corporation Dewas
4	Project Site Elevation	Minimum Elevation : 565 m Maximum Elevation : 581 m
5	Location of Site	
	Villages/ Town/city	Dewas
	District	Dewas
	State /Union Territory	Madhya Pradesh
6	Water Requirement and its source	10 m <sup>3</sup> /day Source: Nagar Nigam Dewas
7	Power Supply and its source	150 kW Source: State Electricity Board for back up a 125 DG Set.
8	Project Cost	1,42,08,426 INR

Committee after deliberation recommended standard TOR prescribed by MoEF&CC with following additional TOR and as per Annexure-D:

1. Site is on the foot hill of a hillock hence, PP will submit surface run off management plan.
2. Two sheds are in existence on the northern side then its status and purpose shall be discussed in the EIA report.
3. Complete design criteria with liner specification etc. shall be discussed in the EIA report.
4. Leachates collection and disposal plan shall be discussed in the EIA report.
5. Landfill closer plan with gas vents also shall be discussed in the EIA report.
6. DFO, NOC shall be submitted with the EIA report.
7. Disposal plan of Carcass (bones), if applicable shall be discussed in the EIA report.
8. Details out expected input materials shall be discussed in the EIA report.
9. Water supply details & management depicting all facilities shall be discussed in the EIA report.
10. Heavy metal analysis shall be carried out in all soil samples and in any one sample pesticide analysis shall also be carryout.



11. How the leachates will be handled shall be discussed in the EIA.
12. Considering the lactates generation, geo-hydrological studies should be conducted and reported with the EIA report.
13. Arrangements for management of odour nuisance shall be discussed in the EIA report.
14. Current scenario of air, surface and ground water quality shall be presented in the EIA report.
15. All the sensitive features and activities within 05 kms of site which will have the impact of this facility should be studied and discussed in the EIA report.
16. MSW handling technology should be freeze for all the wastes and worst case scenario shall be studied and discussed in the EIA.
17. Preventive measures that will be taken to avoid occurrence of fire due to methane generation be discussed in the EIA.
18. Detailed layout (A-3 size) of various proposed facilities with their capacities and design criteria shall be discussed in the EIA report.
19. Comprehensive plantation scheme wherein preference shall be given for planting evergreen tree in the windward direction.

**3. Case No 8739/2021 M/s Monarch Developers, Kharsa No. 288/1, Rau, Dist. Indore, MP Prior Environment Clearance for Construction of New Commercial Building Project "Royal Park" [Total Plot Area - 7219.260 sqm, Total Proposed Built-up Area - 28849.71 sqm] at Village & Tehsil - Rau, Dist. Indore (MP) Cat. – 8(a) Building Construction Project. Env. Consultant: M/s. ENVISOLVE LLP, Indore.**

This is case of Prior Environment Clearance for Construction of New Commercial Building Project "Royal Park" [Total Plot Area - 7219.260 sqm, Total Proposed Built-up Area - 28849.71 sqm] at Village & Tehsil - Rau, Dist. Indore (MP).

The case was presented by Env. Consultant Shri Shubham Dubey & Pradeep Chandanan from M/s. ENVISOLVE LLP, Indore and PP Shri Nitin Lala wherein following details of the project were provided:

Project Proposal	Environmental Clearance for Proposed New Commercial Building "Royal Park" at Rau, Indore.
Total Plot Area	7219.260 sq.mt.
Total Built up Area	28849.71 sq.mt.

Location of Project	Khasra No. 288/1/1, 288/1/3, 288/1/4, 288/1/5, 288/1/6, 289/1/1, Village Rau, Tehsil Rau, District Indore, State: Madhya Pradesh.
Geological Location	Latitude 22°39'8.31"N Longitude 75°49'18.94"E
Building Configuration	BF1 + BF2 + BF3 + GF + PODIUM GARDEN + 1ST FLOOR + 2ND FLOOR + 3RD FLOOR + 4TH FLOOR + 5TH FLOOR.
Altitude of the Site	251 m
Estimated Project Cost	INR 29.16 crores

S.No.	Particulars	Proposed
1.	Net Plot Area	7219.260 sq.mt.
2.	Built up area	28849.71 sq.mt.
3.	Ground coverage	Permissible Ground coverage @ 40% =2870.70 sq. mt. Proposed Ground coverage @ 40% =2870.70 sq. mt.
4.	No. Of Floors	Ground floor shop, First floor, Second floor, third floor shop
5.	Total no. of Shops	83 No.s
6.	Multiplex	03 No.s
7.	Hotel Rooms	28 No.s
8.	Multipurpose hall	01 No.
9.	Parking	Basement parking- 312 ECS
10.	STP capacity	170 KLD

S.NO.	PARTICULARS	PROPOSED
11.	Total Solid Waste	1560 kg/ day
12.	Power Requirement	1175 KW by Madhya Pradesh Paschim Kshetra Vidyut Vitran

		Company Ltd.
13	DG set details	DG set of 50 KVA in 08 no and 75 KVA in 05.
14.	Water Requirement in KLD	Fresh Water: 88 KLD Flushing: 91 KLD Landscape: 05 KLD Sewage Gen: 161.27 KLD Treated water: 136 KLD
15.	Plot width and depth	Width: 114.980 m , Depth: 63.480 m.

### **AREA ABSTRACT OF PROJECT**

Proposed Project	Environmental Clearance for Proposed New Commercial Building “Royal Park” at Rau, Indore.
Total Plot Area	7219.260 sq.mt.
Permissible ground coverage @ 40%	2870.70 Sq.mtrs.
Proposed ground coverage @ 40%	2870.70 Sq.mtrs.
Permissible built-up area @ 1.5	28853.32 sq.m.
Proposed built-up area @ 1.492	28849.71 sq.mt.
Sump well & OH Tank	U G Sump – 200 KLD , OHT- 1000 KL.
STP	STP-170 KLD
Rainwater Harvesting	3 No of RWH Pits
Garbage Disposal	Yes, as per norms
Service Block (Substation, DG Set, etc.)	Yes, as per norms
Width of Internal Road	6 MTS

Width of approach road	60 MTS
Front MoS/Rear MoS	12 MTS/7.5 MTS
Height of Building	24 MTS
Total Built up area including built-up area of stair cases, balcony, basements & other services area which does not considered for calculation wrt T & CP & MPBVR 2012	28849.71 sq.mt.

### **LAND BREAK-UP DETAILS**

Total land area	= 7219.260 SQ.M.
Area under 30 M wide coordination road	= 1443.852 SQ.M.
Area under road widening	= 41.70 SQ.M.
Net plot area	= 7219.60 SQ.M.
Permissible ground coverage @ 40%	= 2870.70 SQ.M.
Proposed ground coverage @ 40%	= 2870.70 SQ.M.
Permissible built-up area @ 1.5	= 2870.70 SQ.M.
Proposed built-up area	= 28849.71 SQ.M.

### **DETAILED LAND BREAK-UP**

S.No.	Land Use details	Area (Sq.m.)
1	Plinth Area	2870.70
2	Green Cover area	717.67
3	Road Area	1443.852
4	others	2187.038
Total (Sq.m.)		7219.260

During presentation it was submitted by PP that previously a marriage garden (with some rooms) was operating on this area which will be dismantled for this project and permission has been granted in T&CP approval. PP further submitted that due to

Ralamandal Abhayaran, online application is made for wild life clearance vide their letter dated 07/10/2021 with proposal no. FP/MP/Others/6062/2021. Committee after presentation and deliberation asked PP to submit response on following issues including irrelevant/misleading information provided in Form-II, such as:

1. Commitment that existing trees in the project periphery shall not be uprooted.
2. Muck management plan.
3. Revised plantation species as suggested by PP.
4. Under CER scheme proposal for adoption of animals from Indore Zoo Authority.

PP vide letter dated 10.11.2021 has submitted the response on above queries which was placed before the committee in the afternoon session. The query reply was discussed with PP and their consultant and the submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Construction of New Commercial Building Project "Royal Park" [Total Plot Area - 7219.260 sqm. , Total Proposed Built-up Area - 28849.71 sqm.] at Village & Tehsil - Rau, Dist. Indore (MP) Cat. – 8(a) Building Construction Project subject to the following special conditions:

### **Statutory Compliance**

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

- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.
- ix. 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. 13 Diesel power generating sets 50 kVA \* 08 nos. , 75 kVA\* 05 nos. proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition

and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.

- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from DG sets 50 kVA \* 08 nos. , 75 kVA\* 05 nos. shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

### **III. Water quality monitoring and preservation**

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
- iii. The total water requirement during operation phase is 184 KLD out of which 88 KLD is fresh water requirement and 136 KLD will be the total recycled water generated, out of which 91 KLD recycled water will be used for flushing and 5 KLD water will be used for horticulture.
- 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 pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.

- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- 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. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fires water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. For rainwater harvesting, 03 recharge pits will be constructed for harvesting rain water. The total recharge capacity of these pits about 15.250 m<sup>3</sup>/hr .Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiv. 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.
- xv. All recharge should be limited to shallow aquifer.
- xvi. No ground water shall be used during construction phase of the project.
- xvii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xviii. 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.



- xix. Sewage shall be treated in the MBBR based STP (Capacity - 170 KLD). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xx. The waste water generated from the project shall be treated in STP of 170 KLD capacity (based on MBBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xxi. No sewage or untreated effluent water would be discharged through storm water drains.
- xxii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxiii. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

**IV. Noise monitoring and prevention**

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

**V. Energy Conservation measures.**

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. 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 1560 Kg/day, this consist all types of wastes (as Organic waste 936 Kg/day and non- organic waste 468 Kg/day), Inert waste 156 Kg/day, E- waste 696.24 Kg/Annum, 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 (0.4 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity.

These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.

- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

## **VII. Green Cover**

- i. PP has proposed to plant 600 trees in the area of 717 m<sup>2</sup> (10% of total plot area). However, 01 tree /sq. meter of 717 m<sup>2</sup> left for plantation shall be planted. Thus minimum 717 trees shall be planted for greenbelt development. Existed peripheral trees shall not be up-rooted.
- ii. Not a 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. 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. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut of large sapling) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.
- vi. Green grassland shall be developed for walking purpose and play area for childrens.

## **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 312 ECS ( Basement parking 312 ECS).
  - iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

#### **IX. Human health issues**

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

**X. EMP & Corporation Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. For Environment Management Plan PP has proposed Rs. 1.40 Crore as capital and Rs. 0.35 Lakhs as recurring cost for this project.
- vi. For this project PP has proposed Rs. 58.00 Lakhs as Corporate Environment Responsibility (CER) as follows:

S.No.	Particulars	Total Amount	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year
1.	Adoption of animals for their food & medical expenses at Indore Zoo.	INR 23,00,000	INR 3,00,000	INR 10,00,000	INR 10,00,000
2.	Developing provision for solar lighting at Indore Zoo.	INR 15,00,000	INR 5,00,000	INR 5,00,000	INR 5,00,000
3.	Development of high density plantation in consultation with NGO's working in same field at Rau, Indore.	INR 20,00,000	INR 5,00,000	INR 5,00,000	INR 10,00,000
TOTAL		INR 58,00,000	INR 13,00,000	INR 20,00,000	INR 25,00,000

## 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.

4. **Case No 8754/2021 Smt. Sadhna Sankhla W/o Shri Mahesh Sankhla, Village - Punjapura, Tehsil - Bagli, Dist. Dewas, MP - 455227 Prior Environment Clearance for Stone Quarry in an area of 1.47 ha. (20000 cum per annum) (Khasra No. 284/6, 284/13), Village - Punjapura, Tehsil - Bagli, Dist. Dewas (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 284/6, 284/13), Village - Punjapura, Tehsil - Bagli, Dist. Dewas (MP) 1.47 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Env., Consultant Shri Sishupal Verma and Ms. Nikita Prajapati RQP on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office Ekal Praman Patra letter No. 1516 dated 03.08.2021 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.27 ha., including this mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Water body	560	North east	Provision of Garland drain & settling tanks.
Human settlement & Shed	500 & 410	West & North west	Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.
Pucca Road	250	South-west	Protection plan with three rows of Plantation towards road side.
07-10 Trees	Within lease	-	Compensatory plantation for 100 trees

After presentation the committee asked to submit following details:

- Commitment for compensatory plantation for additional 100 trees.
- Revised Plantation scheme as suggested by committee.
- Revised CER- Propose proposal of Grazing land (fodder grass & tree) development as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 10.11.2021, 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 after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 20,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.9.83 Lakh as capital and Rs. 05.33 Lakh/year.
3. As proposed, a minimum of 1900 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.40 Lakh/years is proposed.

**5. Case No 8751/2021 M/s Sambhavi Associates, Prop. Shri Sanjay Nagayach, Village - Jharkuwa, Tehsil - Amanganj, Dist. Panna (MP) - 488441 Prior Environment Clearance for Stone Quarry in an area of 3.004 ha. (13,038 cum per annum) (Khasra No. 445), Village - Jharkuwa, Tehsil - Amanganj, Dist. Panna (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 445), Village - Jharkuwa, Tehsil - Amanganj,

Dist. Panna (MP) 3.004 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Shri Rakesh Choubey RQP on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1073 dated 24.08.2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Habitation	470	West	Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.
Road	530	South-East	Protection plan with three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

- In point no.14.6- Ground water table is shown as 286 m to 288 m please justify.
- Revised details of reserve MR & GR.
- Revised Plantation scheme as suggested by committee.
- Revised CER- Propose proposal of solar light as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 10.11.2021, 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 after deliberation found that The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 13,038 cum/annum.



2. A budgetary provision for Environmental management Plan of Rs.10.98 Lakh as capital and Rs. 02.64 Lakh/year.
3. As proposed, a minimum of 3000 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 1.0 Lakh/years is proposed.

**6. Case No 8753/2021 M/s Jain Infrastructure, Shri Pankaj Jain, V Village - Bineki Kalan, Tehsil - Ghansor, Dist. Seoni (MP), MP - 480997 Prior Environment Clearance for Stone Quarry in an area of 1.72 ha. (24,225 cum per annum) (Khasra No. 227), Village - Bineki Kalan, Tehsil - Ghansor, Dist. Seoni (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 227), Village - Bineki Kalan, Tehsil - Ghansor, Dist. Seoni (MP) 1.72 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Mr. Satish Deolkar on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office Ekal Praman Patra letter No. 605 dated 21.09.2021 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.72 ha., including this mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural drain	100	North east	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- Revised Plantation scheme as suggested by committee with proposal for sowing of Castor and Neem seeds along the barrier zone.
- Revised CER- Propose with physical targets mention school where CER work to be proposed as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 10.11.2021, 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 after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 24,225 cum/annum.
  2. A budgetary provision for Environmental management Plan of Rs. 17.57 Lakh as capital and Rs. 03.69 Lakh/year.
  3. As proposed, a minimum of 2064 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 1.15 Lakh/years is proposed.
7. **Case No 8747/2021 Shri Subhash Dhakad S/o Shri Naresh Dhakad, Ward No. 02, M.S. Road, Infront of Joura Block, Tehsil - Joura, Dist. Morena, MP - 476221 Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (Gitti - 10104 cum per annum, Khanda - 2694 cum per annum) (Khasra No. 3016, 3022), Village - Parsota, Tehsil - Joura, Dist. Morena (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 3016, 3022), Village - Parsota, Tehsil - Joura, Dist. Morena (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 895 dated 1907.2021 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine. As per Google image based on online KML file uploaded by PP, it was observed that the a pit is in existence within the lease for which PP submitted that it's an old pit which is shown in the surface map attached with the mine plan approved by the competent authority. Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Canal	320	North	Provision of Garland drain & settling tanks.
Human settlement	275	SW	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side..

After presentation the committee asked to submit following details:

- Legible copy of DSR.
- Revised Plantation scheme as suggested by committee with proposal for sowing of Castor and Neem seeds along the barrier zone.
- Propose at least plantation of 50 medicinal plants in the Medicinal plant garden (viz. shrubs, creepers or any other locally available species) as suggested by committee.
- Revised EMP & CER as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 10.11.2021, 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 after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 10104 cum per annum & Khanda 2694 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.16.95 Lakh as capital and Rs. 05.72 Lakh/year.
3. As proposed, a minimum of 3600 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.975 Lakh/years is proposed.

8. **Case No 8748/2021 Shri Naresh Dhakad S/o Shri Girvarlal Dhakad, 145, M.S. Road, Infront of Block Office, Ward No. 02, Tehsil - Joura, Dist. Morena, MP - 476221 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (Gitti - 10000 cum per annum, Khanda - 3037 cum per annum) (Khasra No. 2667), Village - Parsota, Tehsil - Joura, Dist. Morena (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2667), Village - Parsota, Tehsil - Joura, Dist.

Morena (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 894 dated 19.07.2021 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Canal	290	North	Provision of Garland drain & settling tanks.
Human settlement	800 820	SW E	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side..
Seasonal Drain	90	South –East	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- Legible copy of DSR.
- Revised Plantation scheme as suggested by committee with proposal for sowing of Castor and Neem seeds along the barrier zone.
- Propose at least plantation of 50 medicinal plants in the Medicinal plant garden (viz. shrubs, creepers or any other locally available species) as suggested by committee.
- Revised EMP & CER as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 10.11.2021, 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 after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence

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

1. Production shall be as per mine plan with quantity not exceeding for Stone (Gitti – 10,000 cum per annum, Khanda - 3037 cum per annum) – 13,037 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.16.22 Lakh as capital and Rs. 04.79 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 01.02 Lakh/years is proposed.

**9. Case No 8756/2021 Shri Amit Kumar Jain, Village- Semrakhedi, Tehsil- Deori, District- Sagar, (MP) Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (22,828 cum per annum) (Khasra No. 01), Village - Semrakhedi, Tehsil - Deori, Dist. Sagar (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 01), Village - Semrakhedi, Tehsil - Deori, Dist. Sagar (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Env. Consultant Shri Sishupal Verma and Ms. Nikita Prajapati RQP on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office Ekal Pramana Patra letter No. 1463 dated 05.02.2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 8.70 ha., including this mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca road	1000	W	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side..
Habitation	750	SW	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side..

After deliberation committee decided that being it is a case of cluster of more than 5.0 ha. area therefore, 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. Protection plan with proposal of three rows of plantation towards road & habitation side, should be discussed in EIA report.
2. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Hydro- geological study should be carried out if any ground water intersection is proposed.
5. 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.

**10. Case No 8758/2021 M/s Mehta Stone Crusher, Shri Suneel Bali, Partner, Pendra Road, Tehsil - Pendra Road, Dist. Golurela, Marwai, CG - 484887 Prior Environment Clearance for Stone Quarry in an area of 1.50 ha. (24,999 cum per annum) (Khasra No. 684/1), Village - Pamra, Tehsil - Pushprajgarh, Dist. Anuppur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 684/1), Village - Pamra, Tehsil - Pushprajgarh, Dist. Anuppur (MP) 1.50 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Shri Ajay Mohan on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office Ekal Patra (Tehsildar Letter) letter No. 1067 dated 03.05.2018 & MO letter dated 03.09.2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of

4.80 ha., including this mine. As per Google image based on online KML file uploaded by PP it was observed that the lease is on hillock, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Road	160	South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Kachha Road	60	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Correct figure of GR & MR as per mine plan.
- Revised Plantation scheme as suggested by committee with proposal for sowing of Castor and Neem seeds along the barrier zone.
- Revised CER mention specific physical targets as name of school as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 10.11.2021, 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 after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 24,999 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.13.83 Lakh as capital and Rs. 04.29 Lakh/year.
3. As proposed, a minimum of 1800 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 2.0 Lakh/years is proposed.

**11. Case No 8732/2021 Shri Kanhaiyalal Parmar S/o Shri Bherulal Parmar, Ward No. 4, Kanad Agar, Dist. Agar Malwa, MP - 456441 Prior Environment Clearance for Stone Quarry in an area of 1.767 ha. (10104 cum per annum) (Khasra No. 142/1), Village - Arniya, 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 (Khasra No. 142/1), Village - Arniya, Tehsil - Agar, Dist.

Agar Malwa (MP). 1.767 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled in 522<sup>th</sup> meeting dated 27/10/2021 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.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 522<sup>th</sup> meeting dated 27/10/2021. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**Discussion on Query Reply submitted by PP**

12. **Case No 8146/2021 M/s Radharani Stone Industries, Shri Yatendra Singh Chauhan, Partner, 21, Vivek Nagar, Gird, Dist. Gwalior, MP - 474001 Prior Environment Clearance for Stone Quarry in an area of 1.820 ha. (1,00,000 cum per annum) (Khasra No. 36/1, 36/2, 36/3, 36/4, 36/5), Village - Chandrapura, Tehsil - Morar, Dist. Gwalior (MP) Env. Consul. M/S GREEN CIRCLE, INC., Vadodara -Guj.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 36/1, 36/2, 36/3, 36/4, 36/5), Village - Chandrapura, Tehsil - Morar, Dist. Gwalior (MP) 1.820 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. QL07/2019 dated: 21/01/2021 has reported that there are 08 more mines operating or proposed within 500 meters around the said mine total area of 35.604 ha., including this mine. Further PP has addressed kachhi road which is >50 meters in the SW



Earlier this case was scheduled for presentation and discussion in 479<sup>th</sup> SEAC dated 11/02/2021 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 13/9/2021 which was forwarded through SEIAA vide letter no.1861 dated 13/9/21 and the same was scheduled in the agenda.

The EIA was presented in the 521 SEAC meeting dated 14-10-21 by Env. Consul. Shri Bhupendra, from M/S GREEN CIRCLE, INC., Vadodara, RQP Ms. Nikita Prajapati and Mr. Sishupal Verma on behalf of PP before the committee, wherein following salient features submitted by PP:

Particular	Details	
Area & Lease period of mine	1.820 ha & 10 year	
Cluster Situation (B1 or B2- please justify)	B1	
Toposheet no. & Khasra No.	54 J/7 & 36/1, 36/2, 36/3, 36/4, 36/5	
Total Geological Reserve	8,00,800 m <sup>3</sup>	
Available Movable Reserve	4,36,300 m <sup>3</sup>	
Production/year & Vehicle movement/day	1,00,000 m <sup>3</sup> /year stone	
Expected Life of Mines	5 Years	
Method Of Mining	Opencast semi-mechanized method	
Drilling & Blasting	Wet drilling & Controlled & Muffled Blasting	
Elevation Profile of mine site	170 to 178 MSL	
Conceptual Pit Depth	40 mtr	
Height & width of bench	No. of bench : 5, Bench height- 6m , width 6m	
General ground water table (post monsoon level)	55-60 mbgl	
Does ground water intersection proposed	No	
Man Power (Skilled & Un-skilled)	28	
Project Cost as per PFR	Rs. 1.0 crores	
Proposed EMP Cost (Rs in Lakhs)	Capital-Rs. 11,46,000	Recurring- Rs. 4,02,000
Any litigation pending (if yes, provide details)	No any	
Located in critically polluted area (yes/no)	No	

During presentation, PP submitted an inventory of existing trees within mine lease area was prepared and accordingly there are 11 trees having girth more than 18 cm remaining are the shrubs having girth less than 18 cm & height less than 120m. Out of 11 trees, 02 Neem trees are existing the barrier zone hence shall remain intact. Remaining 09 trees (04 of Babool, 03 Sheesham & 02 Palash) will be uprooted after taking due permission from the competent authority. In order to compensate proposed tree falling, additionally, 90 trees will be planted in the first year itself. It was also observed by the committee that points which were raised in the PH are addressed by the PP in the EMP. During scrutiny of document it was observed by the committee that information uploaded online in from-II needs correction. Since SEAC is appraising cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee asked PP to submit response on following issues and revised/updated information in From-II, such as:

1. Form-2- In point no. 14.6- How pre monsoon and post monsoon GW level the same-justify?
2. Form-2- In point no. 35-5 –needs revision as quantity shall be mentioned in million ton and shall be in line with the figures mentioned in EIA report (table 1.6.2)
3. Form-2- In point no. 38-x, expired validity certificate of consultant is uploaded.
4. PP's commitment for 10 time's additional plantation (i.e. 90 nos.) as compensatory plantation in the first year.
5. Commitment of PP that kachha road will be made pucca (Tar road) as a part of public hearing issue and commensurate budgetary allocation shall be made in the EMP.
6. A water body is existed in the east and southeastern side of lease thus its protection plan and proposal for any set back shall be submitted.
7. The reported peak value of PM10 is 92.6 and incremental GLC is 2.8 (Projected PM 10 value 95.8) thus proposed mitigation measures needs to be relooked and submitted as suggested by committee.
8. In water quality the reported value of suspended solids is <2 (as per APHA method) which needs to be relooked and confirmed.
9. During presentation as a part of compliance of TOR point no. 03 PP has mentioned both mining though Rock breaker & blasting, please clarify.
10. Revised EMP with budgetary allocations for tree plantation as follows:

Sl.NO.	Location	Amount
1.	Within lease boundary which is properly fenced.	Rs.150/plant
2.	Along the evacuation/village road with tree guard and maintainence. (03 years)	Rs. 500/plant.

3.	For distribution in village residents.	Rs. 50/plant
4.	Within school/ Panchayat / Aganwadi building having boundary.	Rs.150/plant

11. Proposal for sowing of Neem, Kastar, Proposis, Jatropa along the lease boundary as suggested by committee.
12. Revised CER addressing all the issues raised during public hearing and additionally propose Environmental awareness camps & health check-up camps at village level with physical & financial targets as suggested by the committee.

PP vide their letter dated 28/10/2021 uploaded online query reply and hard copy as well as on “Parivesh Portal”. The point wise query reply was presented by PP & their Env. Consultant & RQP authorized by PP. Committee observed that PP has made necessary corrections in the proposal/documents. PP has submitted that:

- As 09 trees need to be uprooted within the mine lease area & in compensation of which 90 additional trees will be planted. We hereby commit that 90 trees will be planted in 1st year itself in additional to the Greenbelt development plan.
- Considering the public hearing issue, as the road leading towards Chandrapura from main road is kacchi road, hence therefore we are committing that this road will be developed as pakka (Tar road) & we’ll be contributing some funds to gram panchayat for making pakki road.
- In order to protect the seasonal drainage in SW side of ML area, we will construct 2 nos of settling tank (i) 15m X4mX2.5m & (ii) 10m X4m X2.5m in south-western side along with this garland drain 550m long will also be constructed in the same direction to protect the seasonal drainage.
- In order to protect the active stream of drainage we are providing 50m setback from seasonal drainage/Nalla including 15m setback in lease area towards SW side of ML area & no mining will be performed in this setback, here we assure to develop dense plantation in this non-mining area in SW side.
- As the total mine lease area is 1.820 Ha. & after leaving setback of 15m(in ML area), area left for mining is 1.50 Ha, here our production is 1,00,000 cum/yr & reserve depth is 44m, therefore considering this depth & reduced area we will easily achieve our production of 1,00,000 cum/yr.
- Revised CER activities addressing all the issues & demand raised during public hearing & adding the activity of organizing awareness camps & health check-up camp for villagers with physical & financial targets as suggested by committee has been enclosed.

- Revised plantation scheme as suggested by committee has been annexed as revised plantation scheme enclosed as annexure. Also adding the provision of sowing Prosopis seeds & Jatropha on the barrier zone of ML area.

During query reply presentation PP submitted that 730 + 90 compensatory plantation shall be carried out in the Ist year of mining and they are submitting revised scheme accordingly. The EMP and other submissions made by the PP were found 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 1,00,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.54 Lakh as capital and Rs. 6.56 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of total 2280 nos. (out of which 730/Year & 90 additional trees in 1st year) trees shall be planted as per the submitted plantation scheme.
4. In order to protect the active stream 15m setback in lease area towards SW side of ML area.
5. Under CER following activities were submitted by PP.

S. No.	Proposed activity	Annual recurring expenses in Rs.
1.	Installation of 4 solar lights government primary school & distribution of furniture(20nos) desk & bench in the same school.	70,000/-
2.	Distribution of 600 fruits bearing trees & fodder species like lemon grass , Napier grass, sundagrass, ryegrass ,Imli, Keth, amla, Kathal, Munga and Mango to nearby villagers for planting.	30,000/-
3.	Repairing & whitewash of Chandrapura village temple in consultation with gram panchayat.	30,000/-
4.	Development of the road from Chandrapura main road to Chandrapura ~ internal road as pakka road (TarRoad) in contribution to Gram Panchayat Chandrapura for constructing pakka road.	1,00,000/-
5.	Installation of 1 nos of hand pumps one at village Panchayat/School parisar Chandrapura.	80,000/-
6.	Distribution of Masks (600nos) to villagers and Sanitizers with stand will be installed at Panchayat Parisar & village primary school of Chandrapura due to Covid-19.	20,000/-
7.	Whitewash of the Chandrapura village government school.	20,000/-

8.	5nos of dustbin will be installed at village Chandrapura through gram panchayat .	5,000/-
9.	Awareness programme related to Climate and Health Environment.	20000
Total		3,75,000.00

**13. Case No 8032/2020 Smt. Shashi Pandey W/o Shri Anjani Kumar Pandey, Village - Manegaon, Tehsil & Dist. Jabalpur, MP – 482005 Prior Environment Clearance for Stone & Murrum Quarry in an area of 3.98 ha. (Stone - 41591 cum per annum, Murrum - 1313 cum per annum) (Khasra No. 17, 24, 27 (Part)), Village - Manegaon, Tehsil - Jabalpur, Dist. Jabalpur, (MP). Env. Con. - In Situ Enviro Care, Bhopal M.P.**

This is case of Stone & Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 17, 24, 27 (Part)), Village - Manegaon, Tehsil - Jabalpur, Dist. Jabalpur, (MP) 3.98 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-Patra) letter no. 2041 dated: 08.10.2020 has reported that there are 19 more mines operating or proposed within 500 meters around the said mine with total area of 36.20 ha. including this mine.

Earlier this case was scheduled for presentation and discussion in 473<sup>rd</sup> SEAC dated 07/01/2021 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 08/7/21 which was forwarded through SEIAA vide letter no. 1496 dated 16/07/21, which was placed before the committee.

The EIA was presented by the PP and their consultant before the committee in the 507<sup>th</sup> SEAC meeting dated 10-08-21. During presentation, PP submitted that there are 19 more mines operating or proposed within 500 meters radius around this mine with total area of 36.20 ha., hence EIA and public hearing was conducted after obtaining TOR. PP submitted that the lessee seeking environmental clearance for proposed quarry is located at Khasra No. 17, 24 & 27, Manegaon Village, Tehsil & District Jabalpur, Madhya Pradesh for maximum production of 42,904 m<sup>3</sup> (1313 m<sup>3</sup> Murrum & 41591 m<sup>3</sup> Stone) as per the provisions of EIA notification 2006. The annual maximum

production will be 42,904 cubic meters including stone and Murrum from the mine by semi mechanized opencast method of mining. During appraisal of case, it was observed by the committee through Google image based on the co-ordinates provided by PP that the allotted area is surrounded by habitations on southern, southeastern and eastern side and as per NGT order in case number 304/2019 dated 21/07/20, in case of mining where blasting is involved, minimum 200 meters area is to be left from residential/public buildings/Inhibited sites. Thus PP was asked to submit revised surface map showing non mining area as per NGT order. During scrutiny of documents online uploaded by PP/ Consultant, committee members observed that PP has not uploaded complete documents and information on many places is either not provided or wrongly mentioned. Similarly, complete minutes of public hearing and point wise compliance of TOR also not uploaded online thus committee members were unable to go through the public hearing minutes and assess the compliance status of TOR points. Even the uploaded minutes on website are not signed by the competent authority (DM). After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no. 07.1 “why complete details of public hearing are not uploaded on the web site”, please justify.
2. In point no. 14.6 details are wrongly mentioned, please revise wrt information provided in 35(11).
3. In point no. 15- Ground water abstraction proposed, permission status from CGWB shall be submitted.
4. In point no. 16- When manpower (permanent/temporary) is proposed in point no. 31, then how the waste water volume will be “Zero”.
5. In point no. 17- please provide relevant information for solid waste generation/management.
6. In point no. 18- Why GLC is not submitted.
7. In point no. 19- No power supply, please justify the statement.
8. In point no. 32- why detailed green belt plan is not attached.
9. Several issues were raised in public hearing thus address issues raised during public hearing with proposed protection plan along with commensurate budgetary allocations in the EMP.
10. PP shall submit proposed evacuation plan.

11. Point wise TOR compliance statement as the same is not uploaded online. Please also address specific TOR points issued by committee such as point no. 01,04 and 07.
12. Under CER scheme with physical targets:
  - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
  - ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
13. Under Plantation Scheme with budgetary allocations:
  - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
  - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle or any other competent agencies.
  - ✓ Commitment that local palatable perennial grass species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose or through Gram Panchayat on suitable community land in the concerned village area.

PP vide their letter dated 21/10/2021 uploaded online query reply and hard copy as well as on “Parivesh Portal”. The point wise query reply was presented by PP & their Env. Consultant & RQP authorized by PP. Committee observed that PP has made necessary corrections in the proposal/documents. PP has submitted that:

- Plantation will be done within the 3 years of time and in the remaining years it shall be maintained.
- PP has given their commitment that all the CER activities have been decided as per the minutes of public hearing and it will be implemented in the co-ordination with Gram Panchayat.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone – 41,591 cum per annum and Murrum – 1,313 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 30.25 Lakh as capital and Rs. 7.61 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme.
4. Under CER following activities were submitted by PP.

S. No.	Proposed activity	Annual recurring expenses in Rs.
1.	Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle’s health checkup etc. in concerned village shall be proposed time to time. We will support the mine.	2,00,000.00
2.	We will support the mine workers to obtain LPG gas B cylinders under “Ujjwala Yojna” to them who are residing in the nearby villages.	
Total		2,00,000.00



**14. Case No 7336/2020 Smt. Namrata Tirthani W/o Shri Rajesh Tirthani, Village - Khajuri, Tehsil - Huzur, Dist. Bhopal, MP - 462001 Prior Environment Clearance for Murrum Quarry in an area of 3.0 ha. (36,782 cum per annum) (Khasra No. 412 Parts) at Village- Khajuri, Tehsil- Huzur, District- Bhopal (MP). Env. Con. - In Situ Enviro Care, Bhopal M.P.**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 412 Parts) at Village- Khajuri, Tehsil- Huzur, District- Bhopal (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. 1539 dated 06/6/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 7.0 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 448<sup>th</sup> SEAC dated 23/07/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 22/3/2021 which was forwarded through SEIAA vide letter no. 7514 dated 24/3/2021, which was placed before the committee.

Earlier PP was absent in 495<sup>th</sup> date 01/04/21 and 497<sup>th</sup> dated 05/03/2021 hence, in the 500<sup>th</sup> SEAC meeting dated 08-04-21. It was recorded that.....

*“PP's reply not received till date and it appears that PP is not interested to continue with the project. 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.”*

The case file was sent to SEIAA for necessary action. Later on case was relisted and sends to SEAC for appraisal in 679<sup>th</sup> SEIAA meeting dated 13-07-21 vide letter no. 1488-89/SEIAA/21 dated 16-07-21.

The case was presented by PP and their consultant in the 507<sup>th</sup> SEAC meeting dated 10-08-21. During scrutiny of public hearing proceedings it was observed by the committee that PP has not uploaded complete proceedings of public hearing for which PP and their consultant were instructed to upload complete information in future. However, in the available documents it was observed by committee that the villagers of Khajuri Ratatal raised objections that in the proposed lease area number of trees (such as Sagwan, khajad, Aachar, Khankar, Tendu etc) and fauna (such as Peacock, Rabbit, Dear, Nilgai etc) are in existence and has attached the copy of the order sheet dated 29/01/21 of Nayab Tehsildar. As per Nayab Tehsildar order sheet, it was observed by the committee that Nayab Tehsildar has recommended for cancellation of leases on allotted private land bearing Khasra No. 411 & 412.

Committee deliberated that as per the copy of order sheet attached by complainants Nayab Tehsildar on dated 29/01/21 has recommended for cancellation of lease but what decision has been taken by competent authority on this issue is unknown to the committee thus PP may be asked to submit following information for further appraisal of this case:

1. Current status of lease allotment may be obtained from competent authority with respect to the report of Nayab Tehsildar on dated 29/01/21.
2. Inventory of trees with their girth class shall be submitted.
3. DFO's report with respect to existence of wild animals on the lease as reported by villagers and Nayab Tehsildar.

PP vide their letter dated 21/10/2021 uploaded online query reply and hard copy as well as on "Parivesh Portal". The point wise query reply was presented by PP & their Env. Consultant & RQP authorized by PP. Committee observed that PP has made necessary corrections in the proposal/documents. Further,

- PP submitted that area occupied by trees is left as non mining area (1.104 ha) and no tree cutting is proposed. However, in the non-mining area, dense plantation will be developed as per the proposal submitted in plantation scheme. Along with inventory of trees and map depicting no mining zone and revised production plan.
- In the enclosed DFO's letter reported vide their letter vide no. 6162 dated 29.09.2021 that site inspection was carried out by Range Officer according to him

forest (PF-196) is 8.75 KM from the lease area no movement of wild life in the sanctioned lease area.

- For status of lease allotment Office of collector vide letter dated 26/08/21 has informed that still the lease is allotted to this PP which is valid.

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

1. Production shall be as per mine plan with quantity not exceeding for Murrum - 36,782 cum per annum cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 28.57 Lakh as capital and Rs. 5.79 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 3600 trees shall be planted as per the submitted plantation scheme.
4. Under CER following activities were submitted by PP:

S. No.	CSR Activities	Details of expenses	Expenses per year (in Rs.)
<b>1</b>	Total CSR budget	Total production cost = Rs. 7356400.00	73,564.00
		Profit per TPA = Rs. 100 = Rs. 36,78,200.00	
		Budget for CSR @ 2 % of the total profit	
<b>a.</b>	Development of Sanitation & Drinking Water Facility nearby villages, schools and other community areas of nearby villages with the help of gram panchayat.	70 % of annual CSR budget	51,494.80
<b>b.</b>	Health checkups camps	15 % of annual CSR budget	11,034.60
<b>c.</b>	Energy conservation awareness through distribution of solar	15 % of annual CSR budget	11,034.60

	lamps/ Solar cookers.		
d.	We will support to obtain 10 to 15 Gas connections under the Govt. Ujjawala Scheme to the mine workers.	NIL	
Total			73,564.00

**15. Case No 8589/2021 Smt. Meenakshi Parashar, MIG 9, Vipatpura Housing Board Colony, Dist. Narsinghpur, MP - 487001, MP. Prior Environment Clearance for Common Bio Medical Waste Treatment Facility (CBWTF) at Village - Biner, Tehsil - Kareli, Dist. Narsinghpur, (MP) (Category – 7(da) (CBWTF Project) Env. Con. - In Situ Enviro Care, Bhopal M.P.**

This is case of Prior Environment Clearance for Common Bio Medical Waste Treatment Facility (CBWTF) at Village - Biner, Tehsil - Kareli, Dist. Narsinghpur, (MP). The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was presented by the PP and their consultant in 507<sup>th</sup> meeting dated 10.08.2021, wherein following details were submitted by the PP:

- Proposal is to establish Common Bio- Medical Waste Treatment Facility at Village - Biner, Tehsil - Kareli, Dist. Narsinghpur, (MP) to provide cleaner and healthier environment by adhering to the provisions of Bio-Medical Waste (Management & Handling) Rules 1998 as amended in 2000 and making a contribution in protecting our environment.
- The project is proposed at Village – Biner, Tehsil – Kareli, District – Narsinghpur (Madhya Pradesh) over an area 5390 Sq.mt. (1.32 Acre).
- The project involves development of Common Bio Medical Waste Treatment Facility which is categorized under Item 7 (d) (a) of the Schedule-Gazette Notification dated 17th April 2015.
- 3 types of treatment options shall be provided in Common Biomedical Waste Treatment Facility (CBWTF) as Incineration, Autoclaving & Shredding.
- Sharp pit is also been provisioned for the encapsulation of Sharps such as Needles, Scalpels etc

- Effluent Treatment Unit: for the treatment of Effluent generated during the process of Bio-Medical waste Treatment, Floor Washing and Vehicle Washing etc.

The treated bio-medical waste shall be disposed of as per following:

- Disposal:
  - Incineration ash: Secured landfill
  - Plastic waste after disinfection and shredding: Recycling or municipal landfill
  - Disinfected Sharps: encapsulation
  - Other treated solid wastes: Municipal landfill/TSDF
  - Sewage Sludge, Oil & grease: Incineration
  - Treated waste water: recycling, washing & cleaning of Vehicles and use in green belt.
- **Salient Features of the Project**

Name of the project	Common Bio Medical Waste Treatment Facility (CBWTF)
Promoter	<b>Mrs. Meenakshi Parashar</b>
Location of Industry	Village – Biner, Tehsil – Kareli, District – Narsinghpur, Madhya Pradesh
Total Plot Area	<b>5390 Sq.mt.</b> (1.32 Acre) or <b>5390 Sq.mt.</b>
Open Area	809.23 sq.mt.
Green Area	1138.66 sq. mt.
Capacity	<ul style="list-style-type: none"> <li>• 1 No. Incinerator of capacity 200 kg/hr (Dry)</li> <li>• 1 No. Autoclave of capacity 100 kg/hr</li> <li>• 1 No. Shredder of capacity 100 kg/hr each</li> <li>• ETP Capacity – 7.5 KLD (MBBR)</li> </ul>
Waste Water Generation	7.1 KLD
ETP	7.5 KLD
Treated Water from the unit	5.68 KLD (Reuse 5 KLD Landscaping & 0.68 Misc. Purpose.)

Power Requirement	Approx. 42 kVA for operation phaseSupply source – (MPEB) Back up- DG. Set of 200 KVA as standby.		
Water Requirement	Approximately 5 KLD of water required during construction ofthe unit from Private water tankers.		
	Water Demand in Operational Phase:		
	S.no.	Particulars	Demand in KLD
	1.	Domestic Water Requirement	1.00
	2.	Process Water Requirement	3.00
	3.	Vehicle Washing	6.00
	4.	Landscaping	5.00
		<b>Total Water Demand</b>	<b>15 KLD</b>
Manpower Requirement	50 persons		
Estimated Project cost	Rs. 0.95 Crores		
Nearest Railway Station	Narsinghpur Railway Station – 14.19 km in NE direction.		
Nearest Highway	NH2B- 9.63 Km (NE)		
Nearest Airport	Jabalpur Airport– 101.68 Km in NE direction away from the site		
Coordinates	22°51'40.26"N, 79° 6'22.64"E		

- **Size and Magnitude of Operation**

During presentation it was observed by the committee that for this industrial activity, ground water will be abstracted to meet is fresh water requirement thus PP should apply for permission of CGWB as per MoEF&CC Notification dated 02/11/2018 and submit copy of application made for ground water drawl to CGWB for further appraisal. It was further observed by the committee that in all the documents submitted by PP (such as appendix-1, Form-1, PFR etc) the proposed land area is 5390 sq. meters while as per the diversion letter attached (letter No. 204 dated 06/02/21), the diversion is made only for 4050 sq. meters which raise doubt about the exact area of the project and need to be clarified before grant of TOR. Thus committee after deliberations recommends that PP

should submit relevant documents/justification on above issues for further consideration of case for grant of TOR.

So far, PP has not responded the queries raised in 507<sup>th</sup> meeting dated 10.08.2021 and almost 90 days has lapsed. Thus as per MoEF&CC OM dated 30.10.2012, 30 days time may be given to PP for submitting suitable reply and if PP not submit desired information case may be recommended for delisting.

**16. Case No 7817/2020 M/s Viscus Oils Pvt. Ltd, 55/1/2-C, New Palasia, Dist. Indore, MP – 452001 Prior Environment Clearance for Expansion in Manufacturing of Resin & other Edible/non-edible based products at Khasa no., Village - Raokhedi, Post - Mangaliya, A.B. Road, Tehsil - Sanwer, Dist. Indore (MP). Project Category- 5(f) Env. Con. M/s. SAN Envirotech Pvt. Ltd.,**

This is case of Prior Environment Clearance for Expansion in Manufacturing of Resin & other Edible/non-edible based products at Khasra no., Village - Raokhedi, Post - Mangaliya, A.B. Road, Tehsil - Sanwer, Dist. Indore (MP).

Earlier this case was scheduled for presentation and discussion in 463<sup>rd</sup> SEAC dated 1/10/2020 wherein ToR was recommended. PP has submitted the EIA report vide letter dated 26/7/21 which was forwarded through SEIAA vide letter no. 1688 dated 17/08/21 and the same was scheduled in the agenda.

The case was again scheduled for the presentation in 511<sup>th</sup> SEAC meeting dated 26/08/21 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The EIA was presented by the Consultant Mr. Mahendra Sadaria, from M/s. SAN Envirotech Pvt. Ltd., and Mr. Raj Kumar Patel, Director and Mr. Pankaj Chatterjee, Vice President from M/s. Viscus Oils Pvt. Ltd (PP) in the 513<sup>rd</sup> SEAC meeting dated 08-09-21. During presentation PP submitted that this is a case of Expansion in Manufacturing of Resin & other Edible/non-edible based products. PP further submitted following details of the project:

- M/s. Viscus Oil Pvt. Ltd. is working Unit is engaged in manufacturing of Alkali Refined, Rosin Gum, Soya Lectin, Stand Oil, (Stand + Vispol + DCO + DBLO) and Synthetic Resin (Alkyd + Phenolic + Polyester) with production capacity of 2083 MT/Annum established prior EIA Notification, 2006.
- Unit has valid CTO under the different Environmental Act issued by MPPCB.
- Now, unit proposed to drop 2 products i.e. Rosin Gum, Soya Lectin and proposed to increase quantity of remaining existing products along with addition of one new product - Vegetable Oil Ester. After expansion, total capacity will be increased up to 17400 MT/Annum. Terms of Reference was issued by SEAC, MP on 06.10.2020.
- We have carried out EIA study as per the generic structure of EIA notification, 2006 incorporating TOR points issued by SEAC, Madhya Pradesh.
- Public Hearing was conducted by MPPCB at the site of project on 26.06.2021. Observations in Public Hearing Minutes and Action Plan with Budgetary Provision is given in slide no. 29.
- Unit has submitted final EIA report along with MoM of Public Hearing to SEIAA/SEAC, MP.
- The details of solid and hazardous waste generation along with its mode of treatment/disposal are furnished as below:

S. No.	Type of Waste	Source	Quantity Generated (TPA)	Mode of Treatment/Disposal
1	ETP sludge	ETP	4.0 MT/Yr.	Collection, Storage, Transportation, Disposal at TSDF
2	Discarded containers Liner/ Bags	Raw material	6000 Nos./Yr. 4.8 MT/Yr.	Collection, Storage, Transportation, Disposal by selling to Authorized Recycler.
3	Used Oil	Plant machineries	0.500 KL/Yr.	Collection, Storage and reuse as lubricant

- The details of the raw material requirement for the proposed project/ expansion cum proposed project along with its source and mode of transportation is given as below:

S. No.	Raw material	Quantity required per annum			Source	Distance from site (Kms)	Mode of Transportation
		Existing	Expansion	Total			
1.	Alkyl Phenol like PTBP, PTOP,	36.36	1164.84	1201.2	Indigenous	50	Road



	Bisphenol, Nonyl Phenol/other Phenol						
2.	Castor Oil	705.36	3683.64	4389.0	Indigenous	50	Road
3.	Catalyst Potassium Bisulphate	6.72	35.28	42	Indigenous	50	Road
4.	Catalysts	0.12	2.88	3	Indigenous	50	Road
5.	Caustic	5.4	28.2	33.6	Indigenous	50	Road
6.	Earth + Carbon	16.92	88.08	105	Indigenous	50	Road
7.	Gum Rosin	324	10368	10692	Indigenous	50	Road
8.	Linseed Oil	675.6	41324.4	42000	Indigenous	50	Road
9.	Maleic Anhydride/ Fumeric Acid	25.44	812.76	838.2	Indigenous	50	Road
10.	Organic Acids/ Anhydrides	120	3840	3960	Indigenous	50	Road
11.	Paraformaldehyde	15.0	480	495	Indigenous	50	Road
12.	Pentaerythritol/Glycerin	48.36	1548.84	1597.2	Indigenous	50	Road
13.	Polyols/Glycols/ Amines	69	2208	2277	Indigenous	50	Road
14.	Raw Oil	696.6	3637.8	4334.4	Indigenous	50	Road
15.	Solvent	00	192	192	Indigenous	50	Road
16.	Solvents (Xylene, MTO, C-IX, C-X, BA, Ethanol, Ethyl, Acetate, Catalyst	83.04	2655.09	2739	Indigenous	50	Road
17.	Solvents (Xylene, Toluene, MTO, Slop Oil, Industrial Solvents, Thinner, C-IX, C-X, BA, BuOH, Aromax etc.)	78	2496	2574	Indigenous	50	Road

18.	Spent Catalyst	2.76	14.04	16.8	Indigenous	50	Road
19.	Vegetable Oil	715.56	6256.44	6972	Indigenous	50	Road
20.	Vegetable Oils/Fatty Acid	81.96	2624.04	2706	Indigenous	50	Road
21.	Wash oil with water	00	00	120	Indigenous	50	Road

- The water requirement for the project is estimated as 25.0 m<sup>3</sup> /day, out of which 20.0 m<sup>3</sup>/day of fresh water requirement will be obtained from the Tankers from outside and the remaining requirement of 5.0 m<sup>3</sup>/day will be met from RO permeate.
- The power requirement for the project is estimated as 250 kVA, out of which 250 kVA will be obtained from the M.P. Paschim KshetraVidhyutVitaran Company Limited, Indore.
- Baseline Environmental Studies (In case of clause 7(ii) projects from post project monitoring data) - Not Applicable in our case.
- The capital cost of the project is Rs. 8.58 Crores and the capital cost for environmental protection measures is proposed as Rs. 0.33Crores. The annual recurring cost towards the environmental protection measures is proposed as Rs. 0.12 Crores. The employment generation from the proposed expansion is 70. The details of cost for environmental protection measures is as follows:

S. No.	Description of Item	Existing (Rs. In Lakhs)	
		Capital Cost	Recurring Cost
i.	Air Pollution Control/Noise	12.5	2.0
ii.	Water Pollution Control	7.5	2.5
iii.	Environmental Monitoring and Management	0.5	2.5
iv.	Green Belt Development	4.5	1.0
v.	Miscellaneous	8.0	4.0

- Greenbelt will be developed in 0.3445 ha which is about 33% of the total project area. A 3.0m wide greenbelt, consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 2500 trees per hectare. Total no. of 475 saplings will be planted and nurtured in 0.1895 hectares in 1years.

During appraisal it was observed by the committee that complete details are not uploaded by PP through online Form-II and even the all additional TOR points are also not addressed in EIA submitted by PP. Since SEAC is appraising cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee asked PP to submit response on following issues and revised/updated information in From-II, such as:

1. In the From-II, in point no. such as 8.1, 9.1, 10- e, 13.b, 14.2, 15.0 16.1, 17.3, 18.2, 19.0, 22.0, 32, etc wherein details are wrongly mentioned as follows and needs revision/ factual information:
  - b. Public Hearing: Incomplete documents.
  - c. Point 8.1, List mismatches with the Table 2.3 of EIA.
  - d. Points 9.1 (i) & (ii) are wrong should not be NA (CTO dated 10.06.21 is attached)
  - e. Point 10 Fund allocated for the Environmental Management is only 1%
  - f. Point 13, (b) is wrong information, (a) & (c) does not match with 13.1
  - g. Point 14.2 TSS Max Permissible Limit Zero?
  - h. Point 15 Water Requirement 25 KLD, Outside Tanker?? How ?
  - i. Point 15 attachment, copy of permission letter is irrelevant document.
  - j. Point 17 (3) used oil disposal is not proper.
  - k. Point 18.2, Thermic Fluid Heater Stack Height is not proper should be 30 m.
  - l. Point 19, copy of agreement letter is irrelevant document.
  - m. Point 21. All values if given in unit Hectare are wrong.
  - n. Point 22. Land fill?? Difference between built up area & main plant?
  - o. Point 32. Copy of Green Belt Plan, Does not exhibit present plantation in the unit.
2. MSDS for only 6 chemicals: Phenol, Para-formaldehyde, Sodium Hydroxide, Xylene, Maleic Anhydride and Pthalic Anhydride is provided though there are many other chemicals (LiOH, KOH, KHSO<sub>4</sub>, Toluene, Ethanol etc. etc. are used, thus MSDS of all chemicals shall be submitted.
3. Worst case scenario as per specific TOR not submitted, please provide.
4. Details of solvents and their recovery plan not provided in EIA report.
5. How noise pollution will be reduced to substantial level as stated in EIA, please provide details.

6. Details of process emissions and proposed control masseurs.
7. Justify 33% green belt area w.r.t. canopy crown / basal area cover and which are the species planted (ever green or deciduous) shall be furnished with details of species and their number. Comprehensive green belt plan shall be submitted.
8. Proposed water supply is from tanker. How long this arrangement will be continued and is there any alternate proposal?
9. Commitment that thermic fluid heater stack height will be minimum 30 meters.
10. Commitment that used oil will be disposed through sale to authorized recyclers.
11. Details plan for commitment made during public hearing shall be submitted with commensurate budgetary allocations.

PP vide their letter dated 29/09/2021 uploaded online query reply and hard copy as well as on “Parivesh Portal”. The point wise query reply was presented by PP & their Env. Consultant. PP submitted that water supply proposed through tankers and PP stated that in future it will be through Borewell. Whenever PP intends to use bore well for water supply, permission from CGWA shall be obtained for this undertaking submitted by PP. Stack height will be increase to 30 m . Used oil will be disposed off through sale to authorized vendors. Committee observed that PP has not /addressed/ submitted complete query reply raised in the 511st SEAC meeting dated 26.08.2021. Hence , after presentation committee asked PP to submit Following information for further consideration of the project:

1. Only selected MSDS were submitted by the PP. PP was asked to submit MSDS of all chemicals (raw materials, intermediates and products).
2. Comprehensive details of Worst case scenario as per specific TOR not addressed properly.

**17. Case No 8441/2021 Shri Gajraj Singh S/o Shri Pritam Singh, Village - Damejar, Tehsil - Kailaras, Dist. Morena, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (20,000 cum per annum) (Khasra No. 953), Village - Damejar, Tehsil - Kailaras, Dist. Morena (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 953), Village - Damejar, Tehsil - Kailaras, Dist. Morena (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. 459 dated: 19/03/2021 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 in 496<sup>th</sup> SEAC meeting dated 03.04.2021 wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed by committee that another mine is existence but MO has shown no mine within 500 meters around the said mine. After presentation PP was asked to submit Mining Officer Clarification regarding status of others mine seen within 500 meters of this mine. After presentation PP was asked to submit Mining Officer Clarification regarding status of others mine seen within 500 meters of this mine. PP's reply not received till date. 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.

The case was discussed in 679th SEIAA meeting dtd 13/7/21 and it has been recorded that.

*“to delist the case from MPSEIAA on the basis of the tenure of SEIAA will be over on 09<sup>th</sup> April, 2021 as per EIA Notification 2006 & its amendment “In the absence of a duly constituted SEIAA or SEAC, a Category ‘B’ project shall be treated as a Category ‘A’ project”.*

PP has submitted letter of Mining Officer, Morena (L.No. 595 dtd 09/4/21) vide letter dtd. Nil received in SEIAA Office on 29/6/21 and requested to relist the case. Therefore, it has been decided to relist the case and send technical file to SEAC for appraisal.

The case was scheduled in 508<sup>th</sup> meeting dated 11/08/2021 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.

The case was presented by the Shri Amit Saxena, Environmental consultant on behalf of PP in the 515<sup>th</sup> SEAC meeting dated 22-09-21, wherein it was informed that they have obtained revised MO certificate (issued vide letter no. 595 dated 09.4.2021 wherein M.O. stated the 02 more mines within 500 meters out of which 01 mine is lapsed on 31.3.2021 and other mine having an area of 2.0 ha. is valid and sanctioned till Nov. 2027. Thus the cumulative area shall be is 4.0 ha. hence same shall be considered as B-2. Within 500 meters following sensitive features were observed of the lease area:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Village	450	East	Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.

After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in Form-II, such as:

1. Revised Form-II as suggested by committee.
2. Proposal for plantation shall be carried out in the Village road, school as lease does area not have soil cover.
3. Under CER scheme with physical targets:
  - ✓ Activities such as solar panels & white wash in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to them who are residing in the nearby villages, shall be considered.
  - ✓ PP’s commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained by them.
4. Under Plantation Scheme with budgetary allocations:

- ✓ Comprehensive green belt plan as suggested by committee by adding native species like Babul, Khamar, Katang bamboo, Chirol and Neem etc) with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Babool seeds can be sown through trenching method on the periphery of lease for added protection along the fencing. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
- ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
- ✓ Commitment that high density plantation (preferably using “Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle, Gwalior or concerned DFO or any other competent agencies.
- ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
- ✓ Explore the possibility for plantation in adjoining forest land in consultation with concerned DFO.

PP vide their letter dated 21/10/2021 uploaded online query reply and hard copy as well as on “Parivesh Portal”. The point wise query reply was presented by PP’s Env. Consultant & RQP authorized by PP. PP submitted that as lease does area not have soil cover hence, plantation shall be carried out near Pnachayat Bhawan, Damejar village Khasra no. 858 and Govt. land at Khasra no. 859 and total 2600 nos. of plants shall be done. For which PP has submitted Gram Panchayat certificate vide no. 01/2021-22 dated 30.8.2021. Committee after deliberations asked PP to furnish following details:

1. Details of plantation done on other land with photo carrying co-ordinate to verify the locations.

2. Proposal for plantation in school building.

PP submitted the reply vide letter dated 10/11/21 with proposal for plantation in school and photographs with co-ordinates which was found satisfactory. Committee observed that PP has made necessary corrections in the proposal/documents. The EMP and other submissions made by the PP were found 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 20,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 5.47 Lakh as capital and Rs. 2.35 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 2600 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.90 Lakh/years is proposed.

**18. DISCUSSION ON ISSUES RECEIVED FROM SEIAA**

- (A) It was brought to the notice of the committee that MS, SEIAA vide note sheet dated 08/11/21 sought the opinion of SEAC on proposed amendments in “मध्यप्रदेश खनिज (अवैध खनन, परिवहन तथा भंडारण का निवारण) नियम, 2021” and the same as placed before the committee for discussion.

समिति ने चर्चा में पाया कि मध्यप्रदेश शासन खनिजों के अवैध उत्खनन, परिवहन तथा भण्डारण के संबंध में म.प्र. गौण खनिज नियम, 1996 के नियम 53 तथा मध्यप्रदेश रेत (खनन, परिवहन, भण्डारण तथा व्यापार) नियम, 2019 के नियम 20 तथा म.प्र. खनिज (अवैध खनन, परिवहन तथा भंडारण) नियम 2006 को पूर्णतः निरसित करते हुए नवीन म. प्र. खनिज (अवैध खनन, परिवहन तथा भंडारण का निवारण) नियम 2021 प्रस्तावित किया गया है ।

इन प्रस्तावित नियमों में (i) खनिजों का अवैध उत्खनन एवं भंडारण पाये जाने की स्थिति में रायल्टी का 15 गुना तक तथा इसके समतुल्य राशि पर्यावरण क्षतिपूर्ति के रूप में (ii) अवैध परिवहन के प्रकरण में प्राप्त खनिज की रायल्टी का 15 गुना तथा वाहन क्षमता अनुसार परिवहन क्षति की राशि का अर्थदंड के रूप में (iii) अधिवहन पार पत्र में दर्ज मात्रा के खनिज की रायल्टी का 15 गुना तथा वाहन क्षमता के अनुपातिक रूप में पर्यावरण क्षति दण्ड लिये जाने का प्रावधान किया गया है।



अतः समिति मा. न्यायालय तथा माननीय राष्ट्रीय हरित अधिकरण द्वारा समय-समय पर विभिन्न प्रकरणों जैसे (ओए 360/15, ओए 145/17, ओए 44/2016, ओए 726/18) में जारी निर्देशानुसार म. प्र. शासन द्वारा प्रस्तावित म. प्र. खनिज (अवैध खनन, परिवहन तथा भंडारण का निवारण) नियम, 2021 में पर्यावरणीय क्षति को प्रावधानित करने से समिति सहमत है ।

- (B) It was brought to the notice of the committee that MS, SEIAA vide letter no. 2404 dated 03/11/21 sought the opinion of SEAC on proposed amendments in Forest (Conservation) Act, 1980 and the Consultation paper with proposed amendments were placed before the committee for discussion.

समिति द्वारा इस विषय पर चर्चा उपरांत समिति द्वारा यह अनुशंसा की गई कि इस कंसल्टेशन पेपर में वन (संरक्षण) अधिनियम, 1980 में जो भी संशोधन प्रस्तावित किए गए हैं, वे मुख्यतः वन विभाग से संबंधित हैं, जिसमें Forest Clearance Act के कुछ प्रावधानों को सुगम किया जाना प्रस्तावित किया गया है ।

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

**(Dr. Praveen Chandra Dubey)**  
**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. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
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. Arrangements for overhead sprinklers with solar pumps / water tankers 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 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
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. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
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. 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.
24. 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.
25. 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, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs 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. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
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.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and along the fencing seed sowing of locally available seeds such as Neem, Babool, Castor etc shall also be carried out.
32. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

**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. Arrangements for overhead sprinklers with solar pumps / water tankers 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 with GPS 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 1/4<sup>th</sup> 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. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.
18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
19. 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".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
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.
30. 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 blow 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.
31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and

fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.

34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

**Annexure- ‘C’**

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Arrangements for overhead sprinklers with solar pumps / water tankers 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.
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, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, 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. 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.
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
29. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and along the fencing seed sowing of locally available seeds such as Neem, Babool, Castor etc shall also be carried out.
30. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
31. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on

“Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.

34. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

**Annexure- ‘D’**

**General conditions applicable for the granting of TOR**

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and 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 analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M. of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, 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 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" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna".
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The undertaking inter alia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2<sup>nd</sup> August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
  - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
  - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
  - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
  - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.

- ✓ Commitment that high density plantation (preferably using “Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
- ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
- ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
- ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.

**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.**

35. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
36. Detailed analysis of availability and quality of the drinking water resources available in the block.
37. 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.
38. The consent of Gram Sabah of the villages in the area where project is proposed shall be obtained.