

The 530<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 25<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 8791/2021 M/s Amaltas India Ltd, Shri Abdullah Hussain, Director, S-09, Sachi Complex, Infront of Board Office, Dist. Bhopal, MP - 462011 Prior Environment Clearance for Development of Residential Apartments, Economical Weaker Section, Low Income Group “THE CITADAL” [Total Plot Area - 20235 sqm, Net Plot Area - 15257.19 sqm, Built-up Area - 78126 sqm] at Khasra No. 114/2/2/1, 114/2/2/2, 114/2/2/3, Village - Misrod, Tehsil - Huzur, Dist. Bhopal (MP) Env. Consultant- M/s. Oceao Enviro Management Solutions India Pvt. Ltd., Ghaziabad (U.P.).**

This is case of Prior Environment Clearance for Development of Residential Apartments, Economical Weaker Section, Low Income Group “THE CITADAL” [Total Plot Area - 20235 sqm, Net Plot Area - 15257.19 sqm, Built-up Area - 78126 sqm] at Khasra No. 114/2/2/1, 114/2/2/2, 114/2/2/3, Village - Misrod, Tehsil - Huzur, Dist. Bhopal (MP).

The case was presented by Env. Consultant Shri Krishna Chandra Panda from M/s. Oceao Enviro Management Solution (India) Pvt. Ltd., Ghaziabad (U.P.) and Shri Vishal Kumar Chandani on behalf of PP. Following details regarding project were presented by PP:

- M/s Amaltas India Ltd in JV with Shri Vinayak Buildcon is developing a Residential Apartments Project “THE CITADAL” Located at Village: Misrod, Sub District:

Huzur, Bhopal, Madhya Pradesh on a land admeasuring 20235.00 i.e 4.99 acres and the net plot area after leaving road area is 15257.19Square meter (3.77 Acres). This project has been approved by T&CP vide no. BPLLP-7210/L.P. 200/29(1)/NAGARANI/GIGA/2020 Dated. 03/02/2021.

- As the BUA is > 20000 sqm the project attract EIA notification 2006 and its amendments under 8a category.

S. No.	Description	Existing	Units
<b>AREA DETAILS</b>			
1.	Total land Area (4.99 Acres)	20235.00	Sq m
2.	Road Area Surrendered	4978.00	Sq m
3.	Net plot Area( 3.77 Acres)	15257	Sq m
4.	Proposed Coverage Area	4436.45	Sq m
5.	Total Permissible FAR area	48128.32	Sq m
6.	Consumed FAR	48128.32	Sq m
7.	Basement- single	6420.38	Sq m
8.	Stilts	11659.3	Sq m
9.	Services(including lift , lobby, staircase etc)	11918.4	Sq m
10.	Built up Area	78126.4	Sq m
11.	Green Area	4577	Sq m
12.	Parking & Road Area	6243	Sq m

S. No.	Description	Existing	Units
<b>WATER AND WASTE WATER REQUIREMENTS</b>			
13.	Total Fresh Water Requirement	249	KLD
14.	Wastewater Generation	326	KLD
15.	No. of Rain Water Harvesting Pits Required	04	-
<b>PARKING</b>			
16.	Basement	156	ECS
17.	Stilt	350	ECS

POWER			
18.	Total Power Requirement	2300	KW
19.	Power Source	Madhya Pradesh State Electricity Board (MPSEB).	
20.	Total DG Set proposed	1 X 1150	KVA
WASTE GENERATION			
21.	Municipal Solid Waste Generation	1425	Kg/day

### **Breakup of the Area Details of Tower A &B**

S. No.	Floors	Super built up (FAR & FAR Free space) (sqm)	Non-FAR (Sq. Mt.)
1	Basement	.	5829.65
2	Stilt 1		5829.65
3	Stilt 2		5829.65
4	1st	5587.34	
5	2nd	5587.34	
6	3rd	5587.34	
7	4th	5587.34	
8	5th	5587.34	
9	6th	5587.34	
10	7th	5587.34	
11	8th	5587.34	
12	9th	5587.34	

13	10th	5587.34	
	Services = STP, UG, Tank, ESS		500
Total		55873.4	17988.95

S. No.	Floors	Super built up (FAR & FAR Free space) (sqm)	Non-FAR (Sq. Mt.)
1	Basement		590.73
2	1st	612.22	
3	2nd	612.22	
5	3rd	612.22	
6	4th	612.22	
7	5th	612.22	
8	6th	612.22	
Total		3673.32	590.73

During presentation it was observed by the committee that PP and consultant has uploaded incomplete project details and many of the documents necessary as per the SEIAA OM's issued time to time (dated 20/06/19, 01/10/21, 13/10/21) are not attached with the case file. After deliberations committee recommends that SEIAA may be requested to accept only complete application as per their OM dated 20/06/19, 01/10/21,

13/10/21 to avoid unnecessary pendency at SEAC. After presentation, PP was asked to provide following information for further appraisal.

1. NOC for water supply and if water supply is proposed through bore well, copy of application submitted to CGWA/SGWA as per MoEF&CC OM dated 02/11/18.
2. NOC for MSW disposal as per SEIAA OM dated 20/06/19.
3. NOC for extra treated water disposal as per SEIAA OM dated 20/06/19.
4. Copy of provisional fire NOC is application is made.
5. Submit land use details data as per approved master plan of Bhopal city.
6. All Layout plans/maps on A-3 map.
7. Drainage map of the proposed site for pattern of the area.
8. Dual plumbing plan if same is proposed.
9. C& D waste volume details (if any demolition is proposed).
10. Excavated soil management plan.
11. Plantation Scheme as suggested by committee.
12. Justify how does project qualifies for low income group where most of the houses are bigger ones.

**2. Case No 8790/2021M/s Amaltas India Ltd, Shri Abdullah Hussain, Director, S-09, Sachi Complex, Infront of Board Office, Dist. Bhopal, MP - 462011 Prior Environment Clearance for Construction of Shops cum Low Income Group and Economically Weaker Section Housing "Amaltas Urban City" [Total Land Area - 19260 sqm, Net Plot Area - 17780.9 sqm, Built-up Area - 79175.44 sqm] at Khasra No. 33/1/1, 35, Village - Raslakhedi, Tehsil - Huzur, Dist. Bhopal (MP) Env. Consultant- M/s. Oceao Enviro Management Solution (India) Pvt. Ltd., Ghaziabad (U.P.)**

This is case of Prior Environment Clearance for Construction of 300 Bedded Sagar Multispecialty Hospital Project at Village - Bawadia Kalan, Tehsil - Huzur, Dist. Bhopal (MP).

The case was presented by Env. Consultant Shri Krishna Chandra Panda , M/s. Oceao Enviro Management Solution (India) Pvt. Ltd., Ghaziabad (U.P.) and Shri Vishal Kumar Chandani on behalf of PP. Following details of the project were presented by PP:

- M/s Amaltas India Ltd in J.V. M/s Palak Construction and Developers is developing a Shops cum Low Income Group (LIG) And Economically Weaker Section (EWS) Housing Project “AMALTAS URBAN CITY” Located at Village: Raslakhedi, Tehsil: Huzur District: Bhopal, Madhya Pradesh on a land admeasuring 19260 i.e.

4.84 acres and the net plot area after leaving road area is 15257.19 Square meter (3.77 Acres). This project has been approved by T&CP vide no. 6284/L.P. 220/29(1)/NAGARANI/GIGA/2020 Dated. 10/12/2020.

- As the BUA is > 20000 sqm the project attract EIA notification 2006 and its amendments under 8a category.

S. No.	Description	Existing	Units
<b>AREA DETAILS</b>			
1.	Total land Area (4.76 Acres)	19260	Sq m
2.	Road Area Surrendered	1480	Sq m
3.	Net plot Area( 4.4 Acres)	17780.9	Sq m
4.	Proposed Coverage Area	5334.02	Sq m
5.	Total Permissible FAR area	34886.42	Sq m
6.	Consumed FAR	34886.42	Sq m
7.	Basement- single	7227.23	Sq m
8.	Stilts	14454.46	Sq m
9.	Services(including lift , lobby, staircase etc)	22607.33	Sq m
10.	Built up Area (6+7+8+9)	79175.44	Sq m
11.	Green Area	5334.02	Sq m
12.	Parking & Road Area	7112.86	Sq m

S. No.	Description	Existing	Units
<b>WATER AND WASTE WATER REQUIREMENTS</b>			
13.	Total Fresh Water Requirement	369	KLD
14.	Wastewater Generation	562	KLD
15.	No. of Rain Water Harvesting Pits Required	05	-
<b>PARKING</b>			
16.	Basement	176	ECS
17.	Stilt	434	ECS
<b>POWER</b>			
18.	Total Power Requirement	2860	KW
19.	Power Source	Madhya Pradesh State Electricity	

		Board (MPSEB).	
20.	Total DG Set proposed	1 X 1430	KVA
<b>WASTE GENERATION</b>			
21.	Municipal Solid Waste Generation	3374.486	Kg/day

S. No.	Particulars	Total (m2)
1.	Total land Area(4.76 Acres)	19260
2.	Road Area Surrendered	1480
3.	Net plot Area( 4.4 Acres)	17780.9
4.	Permissible Coverage Area <ul style="list-style-type: none"> <li>• Commercial Area</li> <li>• Residential Area</li> </ul>	1:1.75 1:1.25
5.	Proposed Coverage Area ( @ 30% of Net Plot Area) <ul style="list-style-type: none"> <li>• Commercial Area</li> <li>• Residential Area</li> </ul>	5334.27
6.	Total Permissible FAR area	34886.42
7.	Consumed FAR	34886.42

S. No.	Particulars	Total (m2)
8.	Basement- single	7227.23
9.	Stilts	14454.46
10.	Services(including lift , lobby, staircase etc)	22607.33
10.	Built up Area	79175.44
11.	Green Area	5334.02
12.	Parking & Road Area	7112.86

During presentation it was observed by the committee that PP and consultant has uploaded incomplete project details and many of the documents necessary as per the SEIAA OM's issued time to time (dated 20/06/19, 01/10/21, 13/10/21) are not attached with the case file. After deliberations committee recommends that SEIAA may be requested to accept only complete application as per their OM dated 20/06/19, 01/10/21, 13/10/21 to avoid unnecessary pendency at SEAC. After presentation, PP was asked to provide following information for further appraisal.

1. NOC for water supply and if water supply is proposed through bore well, copy of application submitted to CGWA/SGWA as per MoEF&CC OM dated 02/11/18.
2. NOC for MSW disposal as per SEIAA OM dated 20/06/19.
3. NOC for extra treated water disposal as per SEIAA OM dated 20/06/19.
4. Copy of provisional fire NOC is application is made.
5. Submit land use details data as per approved master plan of Bhopal city.
6. All Layout plans/maps on A-3 map.
7. Drainage map of the proposed site for pattern of the area.
8. Dual plumbing plan if same is proposed.
9. C& D waste volume details (if any demolition is proposed).
10. Excavated soil management plan.
11. Some trees are in existence in the allotted area. Thus their comprehensive management plan shall be submitted.
12. Plantation Scheme as suggested by committee.
13. Justify how does project qualifies for low income group where most of the houses are bigger ones.

**3. Case No 8794/2021 Sr. GM Mining , M. P. State Mining Corporation Ltd, Paryavas Bhawan, Block No. 1, 2nd floor, (A), Jail Road, Arera Hills Prior Environment Clearance for Capacity Expansion Jhabua Rock Phosphate mine in area of 37.70 ha. , Khasra No. 21, 23 (Production 1,50,000 TPA to 5,16,026 TPA ) at Village- Kachaldara, Tehsil - Meghnagar, Dist- Jhabua . Env. Consultant- M/s. Creative Enviro Services , Bhopal.**

This is case of Rock Phosphate mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site Village- Kachaldara, Tehsil - Meghnagar, Dist- Jhabua M.P. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant, being it's a case capacity Expansion of Rock Phosphate mine from 1,50,000 TPA to 5,16,026 TPA with total area of 37.701 ha. and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated



12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Being expansion, MoEF&CC compliance report shall be submitted with EIA report.
- Analysis of rare earth elements shall also be carried –out and should be discussed in the EIA report.
- Level of mechanization should be discussed in the EIA report.
- Hydro-geological study should be carried out if ground water intersection is proposed.
- If re-handling of dumps is involved their complete details, methodology and protection plan shall be discussed in the EIA report.
- Mineral evacuation route avoiding human settlement shall be proposed.
- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
- Comprehensive plantation scheme with proposal for broad leaves plantation.

**4. Case No 8793/2021 Purushottam Pandey, Ward no.7, Anup Ganj, Seoda, Datia, Madhya Pradesh-475661 Prior Environment Clearance for Soil Deposit in area 1.10 ha. (3300 cum per annum) Khasra No. 22,26, Village – Mubarikpura, Tehsil Seoda, Distt. Datia (M.P.)**

This is case of Soil Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site Khasra No. 22,26, Village – Mubarikpura, Tehsil Seoda, Distt. Datia (M.P.) 1.10 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo 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 (Ekle Praman-patra) letter No. Q-3 dated 31/03/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation PP submits that since it is a Soil Quarry

where no drilling & blasting is proposed. Mining shall be done through Opencast Semi Mechanized Method. As per Google image based on coordinates provided by PP, it was observed that the lease is in 02 parts for which Pp submitted that to make one ha. area lease is sanctioned in two parts. 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>
Kachha Road	100	East	Three rows of Plantation towards road side.
Pucca Road	160	West	Three rows of Plantation towards road side.

During presentation PP submitted that manually soil will be excavated and transported to the nearby kiln and kiln will be installed in this lease. After presentation committee asked PP to submit following information:

- PP's commitment depth shall not be >2.0 m .
- PP's commitment Manual mining shall be carried out.
- PP's commitment Chimney shall not be installed within lease area.
- Revised plantation species as suggested by committee.
- Revised CER species as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 25.11.2021, which was placed before the committee and the same found satisfactory. 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 Soil 3300 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.50 Lakh as capital and Rs. 01.11 Lakh/year and .
3. As proposed, a minimum of 1500 trees shall be planted as per the submitted plantation scheme under CSR Rs. 0.30 Lakh/years is proposed.

**5. Case No 8784/2021 Shri Pradhum Singh Chauhan R/o- House No. 15, Blue Bird Premium Bungalow, Aakriti Eco City, Babadiya Kalan, Dist. Bhopal, MP – 462039 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (Flagstone - 5000 Cum per annum, Dhoka Boulder - 1667 Cum per annum) (Khasra No. 47P), Village - Murelkhurd, Tehsil - Raisen, Dist. Raisen (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 47P), Village - Murelkhurd, Tehsil - Raisen, Dist. Raisen (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma 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 (Ekle Praman-patra) letter No. 1036 dated 08/11/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. Mining shall be carried out by Open cast manual method & No drilling & blasting required as it is Flagstone Quarry. During presentation it was observed that In the DFO, letter vide dated 03/08/2021 forest area is at a distance of approx. 200 meters from the lease boundary for which PP has obtained approval from Divisional Commissioner Level Forest Committee in their meeting dated 04.09.2021 with following conditions:

- Towards the forest boundary, Stone wall shall be constructed by the lessee, under the direction of the Divisional Forest Officer.
- Overburden will not be kept in the forest area, and will keep overburden only in the approved lease area.
- By getting the demarcation done in the presence of the staff of Revenue Department and Forest Department, Munare of cement concrete will be constructed all around the lease area.
- CCTV camera installation with 15 days recording.

As per Google image based on coordinates provided by PP, it was observed that an old pit is in existence, PP submitted that this is an old pit and they have got the lease in such condition and pit has shown in the surface map of approved Mining Plan. 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
Human settlement	190	West	Three rows of plantation in this side.
Kachha Road	27	SW-South	Three rows of plantation in this side.
Natural Drain	115	South	Provision of Garland drain & settling tanks.

During presentation it was recommended by committee that since the lease is allotted in the forest area, in case of any illegal mining the information shall be passed on the concerned DFO by PP. After presentation the committee asked to submit following details:

- Revised Plantation scheme as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 24.11.2021, which was placed before the committee and the same found satisfactory. 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 Flagstone – 5,000 Cum per annum, Dhoka Boulder – 1,667 Cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.95Lakh as capital and Rs. 7.90 Lakh/year.
3. As proposed, a minimum of 4800 trees shall be planted in barrier zone, evacuation road, village area etc. as per the submitted plantation scheme and under CSR Rs. 0.250 Lakh/years is proposed.
4. All conditions stipulated by Divisional Commissioner Level Forest Committee in their meeting held on 04.09.2021 shall be complied by PP and any illegal mining in area shall be immediately brought in to the knowledge of DFO.

**6. Case No 8785/2021 M/s Dhankot Energy Pvt. Ltd, Shri Neeraj Singh, Village - Dhankot, Tehsil - Rehti, Dist. Sehore, MP - 466331 Prior Environment Clearance for Stone Quarry in an area of 1.20 ha. (8094 Cum per annum) (Khasra No. 68), Village - Dhankot, Tehsil - Rehti, Dist. Sehore (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 68), Village - Dhankot, Tehsil - Rehti, Dist.

Shore (MP) 1.20 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Raheesh Patel 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 (Ekle Praman-patra) letter No.8891 dated 21/10/2021 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
03 Tree	Within lease	-	Tree management Plan
Natural drain	50 & 80	East & South	Provision of Garland drain & settling tanks.
Pucca Road	320	South	--
Human settlement	330	South -West	--

During presentation it was submitted by PP that out of three trees, two are in the mining area but will not be uprooted and sufficient space will be left around them for their protection and crushed/site office is planned in this area. After presentation the committee asked to submit following details:

- Revised form-II as suggested by committee.
- Revised Plantation scheme as suggested by committee with additional plantation.
- Revised EMP with adding cost of MS sheet wall of 04 m as suggested by the committee.
- CER as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 25.11.2021, which was placed before the committee and the same found satisfactory. 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 8094 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.12.31 Lakh as capital and Rs. 01.87 Lakh/year.
3. As proposed, a minimum of 1500 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.88 Lakh/years is proposed.

**7. Case No 8786/2021 Shri Hameed Khan, Jawar Jod, Tehsil - Jawar, Dist. Sehore, MP - 466221 Prior Environment Clearance for Murrum Quarry in an area of 4.0 ha. (8800 Cum per annum) (Khasra No. 400/1/1GA), Village - Shekhukheda, Tehsil - Jawar, Dist. Sehore (MP)**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 400/1/1GA), Village - Shekhukheda, Tehsil - Jawar, Dist. Sehore (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Vishal Shukla 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 (Ekle Praman-patra) letter No. 2585 dated 29/9/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP further submits that since it is a Murrum Quarry where no drilling & blasting is proposed. Mining shall be done through Opencast Semi Mechanized Method. During presentation as per Google image based on coordinates provided by PP, It was also observed that part of lease in the north side is excavated PP submitted that the excavated area has shown in the surface map of approved Mining Plan. 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
Kachha Road	106	West	Three rows of Plantation towards road side.
Water Body	25	West	75 meters setback.
Human settlement	640	SW	--

Ware house	230	North	--
01 shed	220	North	

During presentation it was observed by the committee that a seasonal water body is in existence on the western side of the lease for which PP submitted that 75 meters setback will be left as this a case of Murrum where no blasting is proposed. After presentation the committee asked to submit following details:

- Revised surface plan leaving 75 meters setback.
- Revised Plantation scheme as suggested by committee.
- Revised EMP as suggested by committee during presentation.
- Revised CER Propose proposal of physical target with budget as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 25.11.2021, which was placed before the committee and the same found satisfactory. 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 88,00 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.9.03 Lakh as capital and Rs. 03.21 Lakh/year.
3. As proposed, a minimum of 5000 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.65 Lakh is proposed.

**8. Case No 8787/2021 Shri Narendra Singh S/o Shri Nirbhay Singh Yadav, Village - Nandel, Tehsil - Tonkkhurd, District - Dewas, MP - 455116 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (6000 Cum per annum) (Khasra No. 1/1/1 (Part)), Village - Tumadiya, Tehsil - Suthaliya, Dist. Rajgarh (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1/1/1 (Part)), Village - Tumadiya, Tehsil - Suthaliya, Dist. Rajgarh (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Vishal Shukla 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. 1162 dated 15/9/2021 has reported that there are 05 more mines operating or proposed out of which 02 are cancelled and thus total area is 5.0 ha. Mining Officer in his letter stated additional 01 more mine of 2.0 ha. belong to same PP of 2.0 ha., and adding this area the cumulative area become 5ha.+2ha.= 7.0 ha, and case become B-1.

During presentation PP submitted that they have obtained revise M.O .certificate issued vide letter no. 1464 dtd, 23.11.21 and as per revised M.O., certificate only 03 mines are within 500 m and cumulative area is 5.0 ha. because the name of one lessee was mentioned twice in the old certificate. Further, As per Google image based on online KML file uploaded by PP, It was further observed that part of lease area mined out for which PP submitted they have got the lease in this condition and the pit have been shown on surface map of approved mining plan. 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	100	West	Three rows of Plantation towards road side.
Kachha Road	65	South	Three rows of Plantation towards road side.
Industrial shed	136	North	Muffle blasting with arrangements of sand bags and three rows of plantation.

After presentation the committee asked to submit following details:

- Copy of revised MO certificate dated 23/11/21.
- Revised Plantation scheme with distribution of fruit bearing saplings to the villagers as suggested by committee.
- Revised EMP- proposal of wind breaking wall as crusher is proposed within lease area as suggested by committee during presentation.
- Revised CER- as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 25.11.2021, which was placed before the committee and the same found satisfactory. 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 6,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.8.739 Lakh as capital and Rs. 03.21 Lakh/year.
3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.55 Lakh/years is proposed.

**9. Case No 8789/2021 Shri Rajendra Kumar Vijaywargiya, Village - Iklera, Tehsil - Pachore, Dist. Rajgarh, MP - 465683 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5001 Cum per annum) (Khasra No. 883/2), Village - Iklera, Tehsil - Pachour, Dist. Rajgarh (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 883/2), Village - Iklera, Tehsil - Pachour, Dist. Rajgarh (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Vishal Shukla 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 (Ekle Praman-patra) letter No.1285 dated 04/10/2021 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
Kachha Road	110	West	Three rows of Plantation towards road side.
Water structures	Nearby mine area	East	PP submitted these are water filled ditch created by farmers for storage of water. .

During presentation it was observed by the committee that eastern side of lease an area filled with water is visible for which PP submitted these are water filled ditch created by farmers for storage of rain water which is common in this area. After presentation the committee asked to submit following details:

- Revised Plantation scheme as suggested by committee.
- Revised EMP- proposal of wind breaking wall as crusher is proposed within lease area as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 25.11.2021, which was placed before the committee and the same found satisfactory. 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 5,001 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.08 Lakh as capital and Rs. 03.21 Lakh/year.
3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.55 Lakh/years is proposed.

**10. Case No 8788/2021 Shri Jagdev Singh S/o Shri Rajendra Singh, Village-Mohari Rai, Tehsi & District - Ashoknagar Prior Environment Clearance for Murrum Quarry in an area of 1.0 ha. (5200 Cum per annum) (Khasra No. 862/4/min-1, 862/4/min-2), Village - Bhonrakachhi, Tehsil - Ashoknagar, Dist. Ashoknagar (MP)**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 862/4/min-1, 862/4/min-2), Village - Bhonrakachhi, Tehsil - Ashoknagar, Dist. Ashoknagar (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo 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.1162 dated 15/9/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.0 ha. including this mine. PP further submitted that since it is a Murrum Quarry where no drilling & blasting is proposed. Mining shall be done

manually. 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
04 Trees	Within lease	-	PP submitted being Murrum hence, no tree feeling is proposed and these trees will be protected by leaving sufficient area around them.
Kachha Road	92 & 98	East & NW-SW	Three rows of Plantation towards road side.
Habitation	285 & 410	NE & NW	

After presentation the committee asked to submit following details:

- Maximum depth of mining shall be 04 meters.
- PP commitment that trees within lease area shall be left as non- mining area.
- Revised Plantation scheme as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 25.11.2021, which was placed before the committee and the same found satisfactory. 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 5200 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.20 Lakh as capital and Rs. 01.13 Lakh/year.
3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.50 Lakh/years is proposed.

**11. Case No 8795/2021 M/S WASHUNDHRA MINING Partner Shri Vikram Singh, Village Amkui Post Amkui Distt. Satna, Madhya Pradesh-485551 Prior Environment Clearance for FLAG STONE QUARRY in an of 1.00 (3001 Cum per annum) Khasra No. 176/1 Bijadeh Khilsari, Tehsil. Pawai, distt Panna**

This is case of FLAG STONE QUARRY. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site Khasra No. 176/1 Bijadeh Khilsari, Tehsil. Pawai, distt Panna (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri 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.1252 dated 30/09/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.30 ha. including this mine. During presentation it was observed that In the DFO, letter vide dated 28.05.2020 forest area at a distance of 156 meters from the lease boundary for which PP has obtained approval from Divisional Commissioner Level Forest Committee in their meeting dated 01.07.2021 with following conditions:

- Towards the forest boundary, Stone wall shall be constructed by the lessee, under the direction of the Divisional Forest Officer.
- Overburden will not be kept in the forest area, and will keep overburden only in the approved lease area.
- By getting the demarcation done in the presence of the staff of Revenue Department and Forest Department, Munare of cement concrete will be constructed all around the lease area.
- CCTV camera installation with 15 days recording.

As per Google image based on coordinates provided 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
Kachha Road	Adjacent to lease	Eastern Corner	10 m setback with three rows of Plantation towards road side.
Kachha Road	Within lease	East to West	Protection Plan.
Natural Drain	115	South	Provision of Garland drain & settling tanks.

During presentation it was observed by the committee that a kachha road is passing from east to west side of the lease for which PP submitted that 10 meters setback is proposed on the northern side and entire area on the southern side of the road shall be left as non mining area as another kachha road is in existence on the eastern side of the lease as sanctioned volume can be excavated from the remaining area. After presentation the committee asked to submit following details:

- Revised surface plan showing appropriate setbacks and non- mining area as suggested by committee

- Revised Plantation scheme such as agave Americana as suggested by committee.
- Revised EMP proposed channel fencing of 6.5 feet height as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 25.11.2021, which was placed before the committee and the same found satisfactory. 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 Flagstone – 3,001 Cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.625Lakh as capital and Rs. 3.673 Lakh/year.
3. As proposed, a minimum of 4800 trees shall be planted in barrier zone, evacuation road, village area etc. as per the submitted plantation scheme and under CSR Rs. 0.675 Lakh/years is proposed.
4. All conditions stipulated by Divisional Commissioner Level Forest Committee in their meeting held on 01.07.2021 shall be complied by PP and in case any illegal mining is observed in the area same shall be immediately brought in to the knowledge of DFO.

**(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. During installation and operations of crushers, CPCB guidelines "Comprehensive Industry Document Stone Crushers", shall also be followed and complied.
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, Castor, Babool, Chirool 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. Sowing of seeds (such as Neem, Castor, Babool, Prosopis, Chirol/ locally available species etc) along the lease boundary fencing (trench size shall be 45cm depth x45 cm width) shall be carried out and excavated soil shall be placed between trench and fencing. Sowing of seeds shall be on the excavated soil.
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. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
5. Cumulative impact of air, noise & traffic shall be incorporated in final EIA Report.
6. An inventory of flora & fauna based on actual ground survey shall be presented.
7. Risk factors with their management plan should be discussed in the EIA report.
8. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
9. The EIA document shall be printed on both sides, as far as possible.
10. All documents should be properly indexed, page numbered.
11. Period/date of data collection should be clearly indicated.
12. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
13. 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.
14. 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.
15. Grant of TOR does not mean grant of EC.
16. 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.
17. 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.
18. 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.
19. All the necessary NOC's duly verified by the competent authority should be annexed.
20. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
21. 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.
22. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
23. 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.
24. 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.

25. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
26. 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.
27. 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.
28. 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.
29. 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.
30. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
31. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
32. 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).
33. 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.
34. 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.
35. 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.
36. 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.
- ✓ In the proposal for plantation, entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and. Sowing of seeds (such as Neem, Castor, Babool, Prosopis, Chirol / locally available species etc) along the lease boundary fencing (trench size shall be 45cm depth x45 cm width) shall be carried out and excavated soil shall be placed between trench and fencing. Sowing of seeds shall be on the excavated soil.
- ✓ 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 plants including herbs, shrubs, climber) 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.**

37. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
38. Detailed analysis of availability and quality of the drinking water resources available in the block.
39. 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.
40. The consent of Gram Sabah of the villages in the area where project is proposed shall be obtained.