

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

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

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

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

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

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

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

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

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

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

19. Case No. 4070/15 Shri Om Prakash Rai R/o P.O. Maihar, District-Satna (MP)-485771 prior Environment Clearance for approval of Barahiya Limestone Mine in an area of 2.017 ha. (Lime Stone – 17,600 TPA and Reject Stone – 10,000 TPA) at Khasra no.-206, 128, 204, 214, -133, 134, 126, 127, 205, 212, 213, Village-Barahiya, Tehsil-Maihar, District-Satna (MP). EIA Presentation. Env.Consultant: Aplinka Solutions & Technologies Pvt. Ltd.

The case was presented by the PP and their consultant in 267th SEAC meeting dated 15/01/2016. It being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.

The case was discussed in 340th SEAC meeting dated 30/01/2019 as ToR Valid was up to 14/01/2019. Since PP neither has applied for TOR validity expansion nor has submitted EIA report, case may be delisted.

SEIAA forwarded this case file to SEAC vide letter no 2439 dated 01/03/2019 stating that: PP has submitted an application on 21.01.2019 with revised Form-I and PFR for reconsideration the case as per OM dated 29.08.2017 issued by MoEF&CC and requested to extend ToR validity for

one year from the completion of three years with additional capacity of Reject Stone 10,000 TPA.

The case was presented by the PP and their consultant in 353rd SEAC Meeting dated 19/03/2019 wherein during discussion PP informed that there is no change in the production and requested committee that in the light of the above notification dated 29/08/2017 for extension in the validity of TOR for one year. After deliberations, the committee recommends that the TOR validity may be extended for one year with validity up to 13/01/2020 based on revised from-1 and PFR submitted by PP as per MoEF&CC OM No. J-11013/41/2006-IA-II (I) (part) dated 29/08/2017.

PP has submitted the EIA report vide letter dated NIL which was forwarded through SEIAA vide letter no. 3593 dated 20/12/2019.

In 415th SEAC meeting dated 07-01-2020 the EIA was presented by the PP and their consultant wherein during presentation PP has submitted Detailed Chronology of this project:

PARTICULARS	FILE NO. /DOCUMENT NO
1 st grant for 10 years period	02.10.1992 to 01.10.2002
1 st renewal of Mining Lease for 20 years period	02.10.2002 to 01.10.2022
50 years extension as per MM(D & R) Amendment act 2015	02.10.1992 to 01.10.2042
Approval of Mining plan along with progressive mine closure plan has been approved by IBM, O/O The Regional Controller of Mines, Jabalpur	Letter no MP/SATNA/LIMESTONE/RMP-35/18-19 dated 20/11/2018
Forest NoC	No. 5273 9/9/2015
ToR letter was granted by SEIAA, MP	264/PS-MS/MPPCB/SEAC/M/TOR (267)/2016 dated 2/03/2016
TOR Extension	170/PS-MS/MPPCB/SEAC/ (353)/2019 dated 24/04/2019
Public Hearing was done at mine site in the presence of ADM, Satna (Sh. I.J.Khelkho)	14/06/19

During presentation it was observed by the committee through the Google image that no significant plantation was done since grant of lease which was also confirmed by the consultant for which committee recommended that additional 1000 trees shall be planted by the PP as compensatory plantation (environmental compensation) along with proposed 2000 trees. Committee further recommends that out of additional 1000 trees, 200 trees shall be planted within 15 days and proof of same shall be submitted with photographs and Drone videography of lease area for considering this case. Following additional query reply shall be submitted by the PP for further consideration of this project:

- Top soil management plan is to be submitted.
- Revised plantation scheme by replacing जामुन species to सिसू as suggested by the committee.
- Revised CER as suggested by the committee during presentation.
- Commitment from the PP that 300 meters of safeguard shall be maintained from the blasting area.

PP in the 419 SEAC dated 24 .01.2020 has shown the photographs and Drone videography of lease area wherein showing plantation which has been done in last 15 days carried- out by PP. Moreover PP has already submitted the query reply vide dated 16.01.2020 which was asked in the 415th SEAC meeting dated 07-01-2020. The submitted query replies which were placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Prior Environment Clearance for approval of Barahiya Limestone Mine in an area of 2.017 ha. (Lime Stone – 17,600 TPA and Reject Stone – 10,000 TPA) at Khasra no.- 126, 127, 128, 133, 134, 204, 205, 206, 212, 213, 214 at Village Barahiya, Tehsil Maihar, District Satna (MP), subject to the following special conditions:

(A) PRE-MINING PHASE

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

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

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast

- growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 2000+1000 (compensatory plantation)=3000 trees shall be planted (out of which 1150 plants shall be planted within ML area and 1850 trees shall be planted on barrier zone, along transportation road and in the open area) .
21. Transportation of material shall be done in covered vehicles.
 22. Transportation of minerals shall not be carried out through forest area.
 23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
 24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 700 m x 2.0m X 1.5 m=2100 cum.
 25. The settling tank will be two in number of size 15 x 10 x 2.0= 600 cum each with a mine sump of 30.0 x 15.0 x 3.0 =1350 cum.
 26. 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.
 27. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
 28. The existing and proposed land use plan of the mine is as follows:

S. No	Particular	Existing	Proposed period end	Conceptual Period
1.	Total area excavated (broken)	0.65	1.32	(1.562)
2.	Area fully mined out (out of 1)	0.2	0.50	(1.562)
3.	Area fully reclaimed (Backfilled out of 2)	-	0.2	(0.662)
4.	Area rehabilitated out of 3 by afforestation	-	0.03	0.662
5.	Area reclaimed by water harvesting	-	-	0.9
6.	Total area under dumps	0.3	0.1	-
7.	Area under active dumps (out of 6)	-	-	-
8.	Area under mineral stack	-	-	-
9.	Area under Road	0.10	0.10	-

10.	Area under Green belt	0.10	0.455	0.455
11.	Area under infrastructure	-	0.01	-

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

(C) ENTIRE LIFE OF THE PROJECT

34. In the proposed EMP, capital cost is Rs. 7.50 Lakh is proposed and Rs.4.85 Lakh /year as recurring expenses.
35. Under CSR activity, Rs. 1.25 Lakh as capital and Rs. 1.0 Lakh /year as recurring.
36. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
37. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
38. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
39. PP will comply with all the commitments made vide letter dated 24.01.2020
40. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

2. **Case No. - 5788/2018 Shri Dinesh Devendra Agrawal, Khasra No. 274, Village - Sonegaon, Tehsil - Tirodi, Dist. Balaghat, MP Prior Environment Clearance for Modernization of Manganese Mine in an area of 4.99 Ha. (4,961 tonne per annum of Mn + 2,126 tonne per annum of rejects + 4,687 tonne per annum of Waste) (Khasra No. 274) at Village- Sonegaon, Tehsil - Tirodi, Dist. Balaghat (MP). Env. Con.: CSIR-Central Institute of Mining and Fuel Research (Council of Scientific & Industrial Research) Barwa Road, Dhanbad Jharkhand.**

This is case of Modernization of Manganese Mine in an area of 4.99 Ha. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra No. 274) at Village- Sonegaon, Tehsil - Tirodi, Dist. Balaghat (MP) The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in 335th SEAC meeting dated 01/12/2019. It being a case of major mineral, after presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR's and as per annexure-D:

- Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
- If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
- Top soil management plan.
- Land use plan should be plotted on the map.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- Hydro geological studies should be carried out and be discussed in the EIA report.
- DFO Certificate to be submitted by PP along with EIA report.

PP has submitted the EIA report vide letter dated 04/12/2019 which was forwarded through SEIAA vide letter no. 3468 dated 09/12/2019.

In the 415th SEAC meeting dated 07-01-2020, the EIA was presented by the PP and their consultant wherein during presentation several anomalies/mistakes were observed by the committee in the final EIA report/ data of the EIA report and shown in presentation were not corresponding with each other which is not acceptable and therefore after presentation committee asked PP to submit Revised EIA Report (as per EIA Notification, 2006) making necessary corrections as pointed out during presentation. PP was also asked to submit details on following:

- Point-wise TOR compliance with its proper indexing of the content.
- Inventory of the trees in lease area.
- Revised & complete DFO certificate as per additional ToR point.
- Some scheduled –I species are recorded in study area as per the submitted EIA report, hence protection Plan is needed, as per wildlife protection and conservation act.
- All the original reports, back-up data, copy of log books with its calculation of air, water, noise and soil are to be submitted from accredited labs.
- Average values of P.M 2.5 needed to be cross check as they are entirely different in EIA report and final presentation.
- Revised EMP & CER as suggested during presentation.
- Revised plantation scheme as suggested during presentation.

PP has submitted the response of above queries with revised EIA report vide letter dated 22.01.2019. The query reply presentation was made by the PP and their consultant wherein it was observed by the committee that proposal of total 5400 nos. of plants has submitted at back filled area, reclaim area and proposal for procurement of additional land for plantation is also given by PP. PP has also proposed quantity of 2600 cum. soil which shall be utilized for plantation. The submissions made by PP before the committee found satisfactory. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for Modernization of Manganese Mine in an area of 4.99 Ha. (4,961 tonne per annum of Mn + 2,126 tonne per annum of rejects + 4,687 tonne per annum of Waste) (Khasra No. 274) at Village- Sonagaon, Tehsil - Tirodi, Dist. Balaghat (MP), subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed expansion shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. For dust suppression, regular sprinkling of water should be undertaken.
6. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

7. No intermediate stacking of soil is permitted and same shall be utilized for plantation
8. No tree falling is proposed during the mining activity.
9. The proposed mining shall be opencast followed by drilling and controlled blasting is proposed.
10. The controlled blasting technique will not be exceeded 1.5 meter in one slice. The face will be oriented in such a way so throw of blasted material / fly rocks should always be opposite of the habitation.
11. The height will be maintained as 2-6 meters and width of the benches will be 6 meters.
12. The individual bench face will kept nearly 80⁰-85⁰ while the overall pit slope is approx. 45⁰.
13. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for mining period including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) including the village side to provide

additional protection in one year only. As proposed in the EMP minimum of 5400 no's of trees will be planted within five years which shall be covered 5.507 ha. at back filled area, reclaim area and on additional land as proposed in the proposal by PP .

14. Transportation road shall be made pucca.
15. Transportation of material shall be done in covered vehicles.
16. Transportation of minerals shall not be carried out through forest area.
17. The OB till its utilization for backfilling shall be properly stacked as per approved mining plan and disposed off as per the submitted proposal. PP shall bound to compliance the final closure plan as approved by the IBM.
18. As proposed Garland drains 1147MX4MX2.0M (LXWXD) and 02 nos. of settling pitss (size 25 m x 10 m x 2 m =500 cum (total 1000 cum) (LXWXD) should be provided to avoid silt discharge. Settling tanks shall be connected with garland drains for proper sedimentation.
19. The existing and proposed land use plan of the mine is as follows:

S. No.	Land Use category	5th Year (in Ha)	Conceptual Period (in Ha)
1	Excavation	1.89	
2	Waste Dump	0.631	---
3	Top Soil Dump	--	---
4	Road	0.16	---
5	Built Up Area	---	---
6	Water reservoir	---	0.430
7	Afforestation	0.161	3.6631
8	Reclamation (Backfilled)	0.158	0.8969
9	Mineral Storage	---	---
10	Processing (Crushing)	---	---
11	Undisturbed Area	2.151	---
	Total	4.99	4.99

20. Appropriate and submitted activities shall be taken up for social upliftment of the Region. Funds reserved towards the same shall be

utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.

21. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
22. The commitments made in the public hearing are to be fulfilled by the PP.
23. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
24. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

25. The proposed EMP cost is Rs. 30.069 Lakhs and Rs. 4.877 Lakhs /year are proposed as capital and recurring expenses.
26. Under CER activity total Rs. 5.00 Lakhs will be as capital cost and Rs. 9.0 Lakhs/year as recurring cost has proposed for different activities and should be implemented through respective committees.
27. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
28. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
29. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
30. PP will comply with all the commitments made vide letter dated 22.01.2019
31. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

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

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

EXECUTIVE SUMMARY

Sr. No.	Particulars	Details
1	Name of the Project	Environment Clearance for Expansion in Construction of Residential & Commercial Development by M/s. Sai Charan Properties Ltd.
	Location	Plot No. 27, Yashwant Niwas Road, Tehsil & Dist. Indore, (MP)
2	Name of the Company	M/s. Sai Charan Properties Ltd.
	Address	101, Kalpataru Synergy Opp. Grand Hyatt, Santacruz East, Mumbai 400055 (India)
3	Latitude and Longitude of the project	Latitude 22°43'31.95"N Longitude 75°52'30.18"E
4	If a Joint venture, the names & addresses of the JV partners including their share	NA
5	Type of Building	Residential & Commercial
	Project brief: nature of proposal (new/expansion,)	New
6	Total Plot Area	Total Land Area = 12,515.17 sq.m
7	Total Ground Coverage	Ground Coverage =2236.08Sq.m
8	Total Builtup Area	Existing Built Up area : 63,802.97 sq.mt. Proposed Built Up area = 2850.09sq. mt.

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

Sr. No.	Particulars	Details
		supply.
19	Estimated population (Fixed)	Residential: 640 Nos. Commercial: 734 Nos.
20	Height of the building	45.0 M
21	Connectivity	Railway Station Indore 1.0 km, W Indore Airport– 7.0, Km W

In the SEAC 417th meeting dated 22.01.2020 the case was presented by PP and their consultant PP stated that there are 05 wings namely A,B,C,D & E were proposed for Residential & Commercial Development. The “B wing” was initially intended to be 12 floors above podium. In the subsequent approvals but due to FAR/planning/business considerations, the number of floors of Wing B was reduced temporarily. The foundation of wing B were structurally designed to take the load for the configuration of 2 Basements + Ground (clubhouse) + Mezzanine (clubhouse) + Podium / Stilt + 12 residential floors. After presentation and deliberation the committee was asked to the PP to submit following details for further consideration of the project:

- Chronology of Wing- B status till date.
- NOC from the competent authority/ Structural Design Engineer regarding existing building i.e. “Block -B” (proposed for upliftment) can base work is capable to withstand load upto 12th floor ?
- Lay out/ design of the proposed building.
- MoEF&CC compliance report.

PP vide letter dated 28/01/2020 has submitted the queries reply which was asked in the in the SEAC 417th meeting dated 22.01.2020, which was placed before the committee. Committee considered the query reply submitted by the PP:

- That, the proposal for Environmental clearance was submitted in the year 2013 by considering FAR of 2.25 as per Madhya Pradesh Bhumi Vikas Rules, 2012. The said proposal envisaged 1 bldg. with 5 wings viz. A,B,C,D & E, all having the configuration Basement + Ground Floor + Podium + Stilt +12 upper floors. It was expected that Madhya Pradesh Bhumi Vikas Rules, 2012 would be incorporated in Master Plan 2021 of Indore.
- That, the Indore Municipal Corporation approved the plans for the residential and commercial (on ground floor) development at plot no.

27, Yashwant Niwas Road, Tehsil and District - Indore. (MP) vide their letter dated 21.01.2015 as per the Master Plan of Indore 2021 i.e by granting FAR of 4.00 instead of expected FAR of 2.25. As per the said approved plans, the configuration of the building was as follows:

- a. Wing A: 2 Basements + Ground (Shopping) + Mezzanine (Shopping) + Podium / Stilt + 12 residential floors.
 - b. Wing B: 2 Basements + Ground (clubhouse) + Mezzanine (clubhouse) + Podium / Stilt + 12 residential floors.
 - c. Wing C: 2 Basements + Ground (Shops, EWS & UG) + part 1 floor (EWS & UG) + Podium / Stilt + 8 residential floors.
 - d. Wing D: 2 Basements + Ground (Shops, EWS & UG) + part 1 floor (EWS & UG) + Podium / Stilt + 8 residential floors.
 - e. Wing E: 2 Basements + Ground (Shopping) + Mezzanine floor (Shopping) + Podium / Stilt + 12 residential floors.
- The plans were approved by Indore Municipal Corporation on 01.11.2017.
 - Now, due to proposed increase in permissible FAR by introduction of TDR, we to utilize this potential on Wing B, thus restoring the configuration of wing B as per the amendment to EC issued vide letter dated 18.11.2015 read with corrigendum dated 29.03.2016.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Expansion in Construction for Residential & Commercial Development (Total Area = 12,626.00 sqm, FAR- 28,657.86 sqm, Non- Far- 40,231.28 sqm, Total Construction Area = 68,889.14 sqm) at Plot No. 27, Yashwant Niwas Road, Tehsil & Dist. Indore, (MP). , Category: 8 (a) Building & Construction Project., 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 lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
 - iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
 - v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 - vi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
 - vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 - viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 02 Diesel power generating sets 1 X 380 kVA & 1 X 600 kVA = 980 kVA proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.

- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from DG sets 1 X 380 kVA & 1 X 600 kVA = 980 kVA shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
- iii. The total water requirement during operation phase is 147 KLD out of which 78 KLD is fresh water requirement and 124 KLD will be the sewage generation out of which 111 KLD total recycled water recovered from STP,

out of which 54 KLD recycled water will be used for flushing and 15 KLD for Horticulture / Landscape .

- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, 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, 07 recharge pits will be constructed for harvesting rain water.
- 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 STP with MBBR technology (Capacity - 150 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 with MBBR technology of 150 KLD capacity 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-law's 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 560 Kg/day, this consist all types of wastes (Bio- Degradable Waste: 325 Kg/day and Non- Bio Degradable 235.0 Kg/day , E-waste 115

kg / annum) and shall be treated/ disposed off as per provision made in the MSW Rules 2016.

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

VII. Green Cover

- i. Total 210 trees shall be planted in the area of 3021.17 sq. m sq.m. (which is 23.92% of total plot area) which is developed as greenbelt development. No tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age

regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).

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

VIII Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
 - b) Traffic calming measures.
 - c) Proper design of entry and exit points
 - d) Parking norms as per local regulation
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement for 352 ECS (in which 288 ECS provided for basement parking 46 ECS for Silt parking and 18 for open parking).

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

IX. Human health issues

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

X. Corporation Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have

defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.

- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. PP proposed Rs. 121.40 lakh as capital cost and Rs. 14.44 lacks/year for recurring expenses in the project for EMP. However, for plantation, PP has proposed 52.00 Lakh as capital cost and 3.9.00 lakh / year as recurring in the EMP of operation phase.
- vi. For this project PP has proposed Rs 12.35 Lakhs as Corporate Environment Responsibility (CER).
- vii. 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 report.
- viii. 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.
- ix. 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.

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.
- vi. **Case No. – 6706/2019 Shri Rajesh Chauradiya S/o Shree Babulal Chauradiya, 14, Neem Chauk, Jaora, Dist. Ratlam, MP – 457226. Prior Environment Clearance for Crusher Stone Quarry in an area of 4.00 ha. (48,500 cum per annum) (Khasra No. 116), Village - Banwada, Tehsil - Jaora, Dist. Ratlam, (MP).**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 116) Village - Banwada, Tehsil - Jaora, Dist. Ratlam, (MP).4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2049 dated: 06/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in 418th SEAC meeting dated 23/1/2020 and in 415th SEAC meeting dated 07/01/2020. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

1. **Case No 6757/2020 M/s Sankalp Stone Crusher Udyog, Smt. Rekha Patidar, Village - Kukshi, Dist. Dhar, MP. Prior Environment Clearance for Stone and Murrum Quarry in an area of 3.00 ha. (Basalt – 11,036 cum per annum, Murrum – 14,715 cum per annum) (Khasra No. 1/1), Village - Kavadiya Kheda, Tehsil - Kukshi, Dist. Dhar (MP).**

This is case of Basalt Stone and Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/1), Village - Kavadiya Kheda, Tehsil - Kukshi, Dist. Dhar (MP) 3.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Officer letter no 2066 dated 28/04/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation in 420th SEAC meeting dated 27/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by PP and their consultant wherein during presentation as per Google image based on coordinates provided by PP, within 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	70	South-East	Provision of Garland drain & settling tanks.

PP further stated that all mining operations in Lease area of 3.00 ha., will be undertaken by open cast semi-mechanized method by deploying machineries and control blasting will be done with arrangement of sand bags. After presentation the committee asked to submit following details:

- Revised CER with addition to proposal for development of charnoi land designated in the village with appropriate budget for growth of fodder, and traffic awareness camp.
- Revised plantation proposal as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 10.02.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Basalt – 11,036 cum per annum, Murum – 14,715 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.89 Lakh as capital and Rs. 4.68 Lakh/year. Under CER Rs. 0.60 Lakh/ year has proposed.

2. Case No 6780/2020 M/s Tirupati Balaji Associates, Partner - Shri Aditya Awasthi, Kothibazar, Tehsil & Dist. Betul, MP – 460001 Prior Environment Clearance for Basalt Stone Quarry in an area of 1.00 ha. (6,346 cum per annum) (Khasra No. 273, 274), Village - Bothiya Brahmanwada, Tehsil - Amla, Dist. Betul (MP).

This is case of Basalt Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 273, 274), Village - Bothiya Brahmanwada, Tehsil - Amla, Dist. Betul (MP) 1.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no 91 dated 16/01/2020 has reported that there are 01 more mines

operating or proposed within 500 meters around the said mine with total area of 4.90 ha including this mine.

The case was presented by PP and their consultant wherein PP submits that the mining of 1.00 hectare will be undertaken using bench method. And all mining operations will be undertaken by Semi-Mechanized Method by deploying machineries. Mining progression (year wise) will be from North to South, whereas mine face will be west to east. Control blasting will be done with arrangement of sand bags. After presentation the committee asked to submit following details:

- Revised EMP proposal with addition to proposal for re-grassing the mining area at closure time, on the OB dumps, on the soil of garland drain and on the back filled area (if any)
- Revised CER with addition to proposal for development of charnoi land designated in the village with appropriate budget for growth of fodder, and traffic awareness camp.

PP has submitted the response of above quarries same date vide letter dated 10.02.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Basalt Stone 6,346 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.53 Lakh as capital and Rs. 2.24 Lakh/year. Under CER Rs. 0.70 Lakh/ year has proposed.
3. **Case No. – 6726/2020 Shri Devendra Singh Thakur S/o Late ShriHarnam Singh Thakur, Ward No. 1, Tehsil - Shahpur, Dist. Saugar, MP - 410001, Prior Environment Clearance for Basalt Quarry in an area of 1.10 ha. (9,095 cum per annum) (Khasra No. 1162, 1178/2, 1179/2, 1184/1), Village - Padariya, Tehsil - Padariya, Dist. Saugar (MP).**

This is case of Basalt Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1162, 1178/2, 1179/2,

1184/1), Village - Padariya, Tehsil - Padariya, Dist. Saugar (MP) 1.10 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. 1289 dated: 07/09/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 2.44 ha., including this mine.

The case was scheduled for the presentation in 418th SEAC meeting dated 23/1/2020, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Forest area	120	-	Copy of approval from DCLC is needed

The case was presented by the PP and their consultant, wherein during presentation it was observed by the submitted DFO letter no 288 dated 05/09/2019 that the forest area is a distance of approximately 120 meters from the lease boundary for which PP has taken approval from DCLC in their meeting dated 06/03/2019. Further it was recorded that the lease is in two parts for which PP submitted that since the area of one block is < than 1.00 ha and thus in order to make area > than 1.00 ha this second block was sanctioned and mining will be carried-out only in 0.76 ha block and in next block thick green belt shall be developed by PP.

PP submits that mining of 1.10 hect. will be undertaken using bench method. All mining operations will be undertaken by Semi-Mechanized Method by deploying machineries i.e. 1no.-JCB (4dx), 01no. dumpers (TATA) etc.

Control blasting will be done with arrangement of sand bags. Committee after deliberation recommended that PP shall submit following details:

- Copy of complete documents of forest approval from DCLC in their meeting dated 06/03/2019.
- Legible copy of approved mining plan is to be submitted.
- Revised surface map as PP submits that no crusher shall be installed within lease boundary
- Revised EMP by adding cost of grazing land.
- Revised CER by adding funds for maintenance of grazing land of nearest reserved land as per latest O.M dated 16/01/2020.

PP has submitted the response of above quarries same date vide letter dated 10.02.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Basalt 9,095 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.50 Lakh as capital and Rs. 0.90 Lakh/year. Under CER Rs. 1.00 Lakh has proposed.
3. PP shall follow all the conditions as per DCLC approval letter dated 06/03/2019.
4. **Case No 6777/2020 Shri Yashwardhan Singh, R/o Rajendra Nagar, Nishant Colony, Ward No. 26, Dist. Satna, MP – 485001 Prior Environment Clearance for Murrum Quarry in an area of 2.00 ha. (24,175 cum per annum) (Khasra No. 256/1/1 Part), Village - Kathwariya, Tehsil - Nagod, Dist. Satna (MP).**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 256/1/1 Part), Village - Kathwariya, Tehsil - Nagod, Dist. Satna (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 92 dated: 09/01/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	>95	South-West	Three rows plantation towards road side with arrangements of sand bags and three rows of Plantation in this side.
Major District Road	>390	South-east	

During presentation, it was observed through Google image that within 500 meters radius, three more mines are appears to be in operation i.e. one in east side adjacent to the lease and two are in south - west side near the pucca road. Mining Officer vide letter no. 90 dated 09.01.2020, have mentioned no mines within 500 meters radius which creates uncertainty regarding number of mines within 500 meters radius as through Google back images it is evident that excavation in two of these three mines have started after the year 2015. After presentation the committee asked PP to submit clarification of mining officer on above issue.

- 1. Case No 6779/2020 M/s. Natural Mining and Minerals, Partner - Shri Aadil Khan, Jawahar Chouk, Jirapur, Dist. Rajgarh, M.P., Prior Environment Clearance for Marble Quarry in an area of 2.50 ha. (Marble – 9,230 cum per annum, Fractured Marble – 14,315 cum per annum) (Khasra No. 90/2), Village - Sobalyapura, Tehsil - Udaynagar, Dist. Dewas (MP)**

This is case of Marble Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 90/2), Village - Sobalyapura, Tehsil - Udaynagar, Dist. Dewas (MP) 2.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 28 dated: 16/01/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein PP stated that it is case of marble quarry which is fractured in nature , during presentation as per Google image based on coordinates provided by PP, within 500 meters following following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
State Highway	>180	East	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.

PP further stated that no on-site crushing and grinding unit are proposed. After presentation the committee asked to submit following details:

- Slurry management plan with quantum, frequency of cleaning and their disposal.
- Details of blasting and their parameters.
- Slurry management plan with quantum, frequency of cleaning and their disposal.
- Details of blasting and their parameters.
- Revised CER.

PP has submitted the response of above quarries same date vide letter dated 11.02.2020, which was placed before the committee and the same found

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

1. Production shall be as per mine plan with quantity not exceeding for Marble – 9,230 cum per annum, Fractured Marble – 14,315 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.19 Lakh as capital and Rs. 4.752 Lakh/year and under CER Rs. 0.80 Lakh/year has proposed.

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

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

Earlier this case was presented by PP and their consultant in 350th SEAC Meeting dated 15/03/2019, wherein ToR was recommended

PP has submitted the EIA report vide letter dated Nil which was forwarded through SEIAA vide letter no. 3852 dated 08/01/2020.

The case was scheduled for the presentation in 417th SEAC meeting dated 22/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by PP and their consultant wherein following project details were submitted by PP;

- Initially, prospecting lease was sanctioned by Government of Madhya Pradesh, Mineral Resource Department; Bhopal vide its letter No. F – 2-31/2014/12/2 Bhopal dated 24.05.2014 to M/s Mangal Murti Minerals (Khasra No. 143, 155, 158, 159, 181, 183, 184 & 192), having an area of 34.290 Ha., for mineral Red Ochre and Laterite for two years. In compliance of sanctioned prospecting license, agreement had been signed between project proponent and District Collector; Burhanpur on 19.06.2014, period of prospecting license is valid up to 19.06.2014 to 18.06.2016.
- Subsequently, a Letter of Intent has been issued by the Under Secretary Mineral Resource Division, Government of Madhya Pradesh vide its letter No. F-3-51/2018/12/1 dated 11.09.2018 for grant of mining lease over an area of 19.60 Ha., within Khasra Nos. 143,181,183,184 & 192 for the minerals Red Ochre & Dimensional Stone (Basalt) for a period of 30 years, under Rule 18 (2) of Madhya Pradesh Minor Mineral Rules 1996.
- The Mining Plan with Progressive Mine Closure Plan has been approved under Rule 42 of Madhya Pradesh Minor Mineral Rules 1996, by The Director of Geology & Mining Madhya Pradesh Bhopal vide his letter no. 2268/M.Plan/Cell-1/Na Kra/51/2018, Bhopal Date 05.02.2019.
- The field studies for environmental attributes have been carried out during the period March, 2019 to May, 2019 representing the summer season, as per the guideline issued by the MoEF&CC.
- Public Hearing has been carried on 20.11.2019 as per the provisions of the EIA Notification, 2006.

Method of Mining: Mining is done by Semi mechanized open cast method. Normally 3m high benches are formed.

Basalt (Mineral Reject) in top layer is drilled by Jackhammer run by tractor compressor and controlled blasted. The deep hole drilling and blasting is done where the mineralized portion containing Basalt is broken by drilling 1.5 m deep holes with jack hammers, whereas the rock continuing only

waste mineral is broken by drilling 3.5 m. deep holes with wagon drills. The blast holes are blasted with manually ANFO mixture being boosted by special gelatin.

Red Ochre (Mineral) in 2nd layer – The existence of Basalt of varying thickness intercepted by Red Ochre which makes mining work difficult. In order to extract maximum percentage of mineral, open cast semi mechanized method of mining will be started. Red Ochre mineral being very soft in nature so no blasting is required and only excavator use to extract the mineral. Shovel and dumpers are deployed in removing Basalt, which is hard in nature. The height of benches is height of 3.00 m. The work will be concentrated in Red Ochre and Basalt mine at area in the lease and development and waste disposal.

Basalt Blockable (Mineral) – Blockable Basalt will be extracted by using rock breaker. Mineral soon will load into tippers by excavator and brought to mineral yard within the leasehold and dispatch to the market.

During presentation PP submitted that approx. 381654 cum of mineral reject (low grade basalt) and 178663 cum blockable basalt is proposed to be generated and as per their mine plan same shall be permitted to use for masonry stone or manufacturing of sand after getting necessary from competent authority such as department of mines & geology. After presentation the PP was asked to submit following information for further consideration of the project.

- Revised EMP proposal with addition to proposal for re-grassing the mining area at closure time, on the OB dumps, on the soil of garland drain and on the back filled area (if any) as per the latest O.M dated dated 16/01/2020.
- Revised CER with addition to proposal for development of charnoi land designated in the village with appropriate budget for growth of fodder as per the latest O.M dated dated 16/01/2020.
- Revised plantation species as suggested by the committee during presentation.

PP vide their letter dated 12.02.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Prior Environment Clearance for Red Ochre & Basalt Mine (Dimensional Stone) in an area of 19.60 Ha. (Red Ochre – 21,000 cum per annum, Basalt – 3,000 cum per annum) (Khasra No. 143, 181, 183, 184 & 192), Village- Dabalikhurd, Tehsil - Nepanagar, Dist. Burhanpur (MP). subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone 381654 cum of low grade basalt and 178663 cum blockable basalt shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out.

13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine for water sprinkling.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP total 6470 number of trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 1.5 m wide & 1.0 m deep.
25. The settling tank will be of size of 3.0 m wide, 5.0 m long & 3.0 m deep.
26. 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.
27. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
28. The existing and proposed land use plan of the mine is as follows:

S. No	Description	Area put to use at start of plan (in Ha.)	Area after 5 years (in Ha.)	End of the Mine Life
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1.	Mining	0.1550	2.4600	17.421
2.	O.B. and waste dump	0.0000	0.8268	-
3.	Infrastructure	0.0000	0.0096	-
4.	Road	0.0000	0.0324	-
5.	Green belt	0.0000	0.3500	2.179
6.	Mineral stack	0.0000	0.1822	-
7.	Mineral Reject	0.0000	4.000	-
8.	Water reservoir	-	-	17.421*
9.	Used area	0.1550	7.8610	-
10.	Unused area	19.4450	11.739	-
	Total lease area	19.60	19.60	19.60

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

(C) ENTIRE LIFE OF THE PROJECT

34. In the proposed EMP, capital cost is Rs. 12.49 Lakh is proposed and Rs. 10.48 Lakh /year as recurring expenses.
35. Apart from EMP a separate budget of Rs. 12.59 Lakh capital and 05.00 as recurring cost has proposed for re-grassing the mining area at the mine closure in the light of recent H'ble Supreme Court order.
36. Under CER activity, Rs. 5.10 Lakh /year have proposed for different activities and should be implemented through respective committees.
37. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under

utilization of budgetary provisions for EMP should be addressed in annual return.

38. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
39. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
40. PP will comply with all the commitments made vide letter dated 12.02.2020
41. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

42. Case No 6735/2020 Shri Manoj Kumar Singh, R/o 8B/K.K. 25 Krishna Puram, Devnagar, Dist. Agra, UP. Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (1,10,000 cum per annum) (Khasra No. 523), Village - Bilharikalan, Tehsil - Datia, Dist. Datia (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 523), Village - Bilharikalan, Tehsil - Datia, Dist. Datia (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no 735 dated 15/10/15 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 11.80 ha including this mine.

The case was scheduled for the presentation in 420th SEAC meeting dated 27/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any

commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by PP and their consultant wherein during presentation it observed that Environmental clearance (EC) for a production of 25,000 cum of stone (gitty) per year has been obtained from DEIAA, vide letter no. Q/Khanij/3-6/DEIAA/36833/2015 Dated on 8/6/2016. Now it is proposed to enhance the production of stone (gitty) to 1,10,000 cum per year. Therefore, a fresh EC is required to be obtained from SEIAA (M.P.) For this purpose a modified mining plan for producing 1,10,000cum stone (gitty) per annum has been approved by Regional Head Department of Geology & Mining Madhya Vide his letter no. 51/M.Plan Cell/Na. Kra. 1/2018-19 Gwalior Date 29. 01.2019. PP was also instructed to obtain compliance report of earlier EC conditions from competent authority.

Being it's a case Stone with total area of 11.80 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance. As per the Google image based on the co-ordinates submitted by the PP, a water body can be seen within lease area, for this PP submits that this is old quarry pit. Committee further observed that bunding can be seen through the Google image for which PP submitted that it's a kachha road developed by villagers for crossing the lease. Hence committee after deliberation decided to carry-out site visit of this area in order to verify the facts and ToR shall be recommended after site visit.

4. Case No 6747/2020 Shri Mukhtiyar Gadwi, R/o Multanpura, Tehsil & Dist. Mandsaur, and M.P Prior Environment Clearance for Shale Stone Quarry in an area of 0.880 ha. (1,800 MT per annum) (Khasra No. 1676, 1677, 1678, 7679, 1718), Village - Kanaghati, Tehsil - Malhargarh, Dist. Mandsaur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1676, 1677, 1678, 7679, 1718), Village - Kanaghati, Tehsil - Malhargarh, Dist. Mandsaur

(MP) 0.880 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Officer letter no 2150 dated 10/12/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation in 421th SEAC meeting dated 28/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by PP and their consultant wherein during presentation as per Google image based on coordinates provided by PP, within 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	70	North	No drilling, blasting is proposed

During presentation an existing pit is seen through Google image for which PP submitted that it is an old mine pit and no mining is carried-out since 2013. PP further submitted that mining operation will be carried out by manual opencast method with the help of JCB, tractors etc without blasting. Mineral shale stone will be loaded by manual in tractor and reach factory. The mine will be attaining a depth of about 9m in plan period of 5 years. After presentation the committee asked to submit following details:

- Revised EMP by replacing water sprinkling system by tanker and proposal with addition to proposal for re-grassing the mining area at

closure time, on the OB dumps, on the soil of garland drain and on the back filled area (if any)

- Revised CER with addition to proposal for development of charnoi land designated in the village with appropriate budget for growth of fodder.

PP has submitted the response of above quarries same date vide letter dated 12.02.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

3. Production shall be as per mine plan with quantity not exceeding for Shale Stone – 1,800 MT per annum.
4. A budgetary provision for Environmental management Plan of Rs. 8.15 Lakh as capital and Rs. 2.65 Lakh/year. Under CER Rs. 0.60 Lakh/ year has proposed.

5. Case No 6789/2020 Smt. Anju Choudhari, Keolari, Dist. Seoni, MP. Prior Environment Clearance for Crusher Stone Quarry in an area of 4.00 ha. (60,000 cum per annum) (Khasra No. 315 Part), Village - Bichhuaraiyat, Tehsil - Keolari, Dist. Seoni (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 315 Part), Village - Bichhuaraiyat, Tehsil - Keolari, Dist. Seoni (MP). 4.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 797 dated 02.12.2019 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine total area of 25.61 ha., including this mine.

Salient features of this project:

Mine Description	New
Name of the Mineral	Stone (Basalt)
Location	Khasra No: - 315 near Village Bichhuaraiyat, Tehsil Keolari, Distt. Seoni, State- Madhya Pradesh.
Toposheet	64 B/3
Type of Land	Private land
Lease Area	4.0 Ha
Lease Period	10 years
Geological Reserves	6,00,000 m ³
Mineable Reserves	4,36,993 m ³
Production Capacity	60,000 m ³ /year (maximum)
Avg. Bench Configuration	4x5
Ore to OB ratio	1:0.20
Mining Method	Open cast semi-mechanized mining method with drilling and controlled muffle blasting sand bags.
Man Power	25
Life of Mine	7 years
Project Cost	Rs. 50 Lakhs
CER Cost	Rs.-1,00,000/-

The case was presented by PP and their consultant wherein PP has submitted that baseline monitoring for collecting data has already carried-out during October to December 2019. Committee after deliberations decided that being it's a case Stone Quarry with cluster area of > 5.00 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:-

1. Copy of lease agreement letter is to be submitted by PP during final EIA presentation.

2. PP shall submit inventory of these trees with details of girth, species, photographs, and further plan for protection.
3. Proposed evacuation route with gradient shall be discussed in the EIA report.
4. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
5. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report.
6. Proposal for pucca evacuation road with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report as per Indian Road Congress standards.
7. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.
8. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.
6. **Case No 6765/2020 Smt. Reeta Singh, Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 2.20 ha. (29,998 cum per annum) (Khasra No. 2307), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2307), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.20 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Nayab Tehsildar letter No. 162 dated: 03/01/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 12.20 ha., including this mine.

Salient features of this project:

Mine Description	New Lease
Name of the Mineral	Granite Stone
Location	Khasra No: - 2307 near Village-Prakash Bamhauri, Teh Gaurihar, District-Chhatrapur, State- Madhya Pradesh.
Toposheet	63C/3
Type of Land	Private Land
Lease Area	2.20 Ha
Lease Period	10 years
Geological Reserves	313500 Cum
Mineable Reserves	1,94,584 Cum
Production Capacity	29,998 Cum/year
Avg. Bench Configuration	3x5
Mining Method	Open cast semi mechanized method with controlled drilling blasting with sand bags.
Avg. Soil Availability	0.20m
Water table	40 to 45m below ground level i.e. 163m
Man Power	15 Nos.
Life of Mine	7 years
Project Cost	Rs. 30.00 lakhs
CER Cost	Rs.-60,000/-

The case was presented by PP and their consultant wherein PP has submitted the salient features of this project. Committee after deliberations decided that being it's a case Stone Quarry with cluster area of > 5.00 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:-

1. PP shall submit inventory of these trees with details of girth, species, photographs, and further plan for protection.
2. Proposed evacuation route with gradient shall be discussed in the EIA report.
3. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
4. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report.
5. Proposal for pucca evacuation road with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report as per Indian Road Congress standards.
6. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.
7. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.
7. **Case No 6766/2020 Shri Yogendra Singh, Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 1.117 ha. (30,000 cum per annum) (Khasra No. 2303), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2303), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.117 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. 20 dated: 02/01/2020 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine total area of 18.617 ha., including this mine.

Salient features of this project:

Mine Description	New Lease
Name of the Mineral	Granite Stone
Location	Khasra No: - 2303 near Village-Prakash Bamhauri, Teh Gaurihar, District-Chhatrapur, State- Madhya Pradesh.
Toposheet	63C/3
Type of Land	Govt. Waste Land
Lease Area	1.117 Ha
Lease Period	10 years
Geological Reserves	2,22,841 Cum
Mineable Reserves	1,36,210 Cum
Production Capacity	30,000 Cum/year
Mining Method	Open cast semi mechanized method with controlled drilling blasting with sand bag.
Stripping Ratio	1:0.05
Man Power	15 Nos.
Life of Mine	Approx. 5 years
Project Cost	Rs. 30.00 lakhs
CER Cost	Rs.-60,000/-

The case was presented by PP and their consultant wherein PP has submitted the salient features of this project. Committee after deliberations decided that being it's a case Stone Quarry with cluster area of > 5.00 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:-

1. PP shall submit inventory of these trees with details of girth, species, photographs, and further plan for protection.
2. Proposed evacuation route with gradient shall be discussed in the EIA report.
3. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
4. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report.
5. Proposal for pucca evacuation road with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report as per Indian Road Congress standards.
6. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.
7. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.
8. **Case No 6741/2020 Shri Lakhan Singh Yadav, Village - Laxmanpura, Tehsil - Seondha, Dist. Datia. Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (60,000 cum per annum) (Khasra No. 434/1), Village - Richhara, Tehsil - Datia, Dist. Datia (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 434/1), Village - Richhara, Tehsil - Datia, Dist. Datia (MP) 4.00 ha. The project requires prior EC before commencement of any activity at site.

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

information in the prescribed format duly verified in the Collector Office letter no 989 dated 22/06/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation in 420th SEAC meeting dated 27/01/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by PP and their consultant wherein during presentation as per Google image based on coordinates provided by PP, within 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	20	West	<ul style="list-style-type: none"> Setback of 30 meters (including 7.5 m of barrier zone) in lease from the road shall be maintained. Orientation of mine shall be from West to East

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ring presentation an existing pit is seems through Google image for which PP submitted that it is an old mine pit and no mining is carried-out since 2013-2014 and PP has shown this pit on surface map. It is proposed to carry out mining operation by semi mechanized opencast method with the help of Hydraulic Excavator, dumpers, etc. The mine will attain a depth of about 21 meters after period of 5 years. The mine will be developed by forming benches of 3 meter high. After presentation the committee asked to submit following details:

- Revised production map showing orientation of mine shall be from West to East.

- Revised EMP with addition to proposal for re-grassing the mining area at closure time, on the OB dumps, on the soil of garland drain and on the back filled area (if any)
- Revised CER with addition to proposal for development of charnoi land designated in the village with appropriate budget for growth of fodder, school boundary wall and traffic awareness camp.

PP has submitted the response of above quarries same date vide letter dated 12.02.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 60,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 25.16 Lakh as capital and Rs. 2.33 Lakh/year. Under CER Rs. 1.00 Lakh/ year has proposed.
3. PP shall maintain the setback of 30 meters (including 7.5 m of barrier zone) in lease from the road towards West direction.

9. Case No. – 6485/2019 Smt. Sunayana Pandey W/o Shri Vinod Kumar Pandey, Village - Mahadeva, Post - Deora 1, Tehsil - Kotar, Dist. Satna, MP. Prior Environment Clearance for Murrum Quarry in an area of 1.60 ha. (10,000 cum per annum) (Khasra No. 02), Village - Bihara, Tehsil - Kotar, Dist. Satna (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 02), Village - Bihara, Tehsil - Kotar, Dist. Satna (MP) 1.60 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 leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Assistant Draftsman (Mining Office-Satna) letter No. Nil dated: Nil has reported that there are 01

more mines operating or proposed within 500 meters around the said mine with total area of 4.80 ha., including this mine.

The case was presented by PP and their consultant in 391st SEAC meeting dated 28/08/2019, wherein it was recorded from the Google image that this allotted lease is on hillock and some pit like structures can be seen on approximately > 75 % of lease area which might be dugged for plantation by Gram Sabah of gram panchayat. Committee after deliberation decided that PP should submit revised NOC of Gram Sabha with details about what are those pits like structures on lease area along with drone videography of complete lease area for further consideration of this project.

PP vide letter dated 24/01/2020 has submitted the reply of above raised queries in 391st SEAC meeting dated 28/08/2019 along with drone videography of lease area, which was placed before committee.

The case was presented by PP and their consultant wherein PP has presented the drone videography of complete lease area according to which it appears that trenches are dugged-out in proper way to conserve water, hence mining in this area shall not be permitted. Committee after deliberation decided that leaving this area as non-mining zone approximately 0.80ha of area shall be available for mineral excavation; hence PP shall submit the commitment with revised surface map by clearly showing the non-mining area towards trenches for further consideration of this project.

DISCUSSIONS BASED ON SITE VISIT REPORTS/QUERY REPLY SUBMITTED BY PP.

10. SITE INSPECTION REPORT OF STONE/BASALT MINES LOCATED IN CHHATARPUR DISTRICT AND HAVE APPLIED FOR GRANT OF TOR/ENVIRONMENTAL CLEARENCE (EC)

BACKGROUND

Following cases of stone/ basalt mining have applied for grant of TOR/EC through SEIAA, MP and the case files were forwarded to SEAC, MP for appraisal and during appraisal of these cases it was decided by committee to carryout site inspection of these mines as most of the cases are of > 5.00 ha area or falling under the cluster situation and located on higher elevation i.e. hill / hillock:

SL.NO.	Details of Mines	Remarks
1.	Case No. – 6547/2019 M/s Rajey Minerals, Sagar Road, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (2,00,000 cum per annum) (Khasra No. 655(P)), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP).	02 more mine operating or proposed within 500 meters around the said mine total area of 9.122 ha., including this mine.
2.	Case No. – 6548/2019 M/s Rajey Minerals, Sagar Road, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (2,00,000 cum per annum) (Khasra No. 655(P)), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP).	02 more mine operating or proposed within 500 meters around the said mine total area of 9.122 ha., including this mine.
3.	Case No. – 6536/2019 M/s Rajey Minerals, Sagar Road, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Stone Mine in an area of 5.30 ha. (2,50,000 cum per annum) (Khasra No. 689), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP).	07 more mine operating or proposed within 500 meters around the said mine total area of 24.00 ha., including this mine.
4.	Case No. – 6545/2019 Smt. Sangeeta Gupta W/o Shri Pannalal Gupta, Vivek Nagar, Dist. Kabrai, UP – 210424. Prior Environment Clearance for Stone Quarry in an area of 1.00 ha. (26,930 cum per annum) (Khasra No. 1348(P)), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP).	09 more mine operating or proposed within 500 meters around the said mine total area of 23.40 ha., including this mine.
5.	Case No. – 6546/2019 Ms. Sangeeta Gupta, R/o Village - Kabrai, Dist. Mahoba, UP – 210424. Prior Environment Clearance for Stone Quarry in an area of 1.80 ha. (81,56 cum per annum) (Khasra No. 151(P)), Village - Dhujaura, Tehsil - Gaurihar, Dist. Chhatarpur	04 more mine operating or proposed within 500 meters around the said mine total area of 9.616 ha., including this mine.

	(MP)	
6.	Case No 6756/2020 Shri Dharmendra Singh Tomer S/o Shri Betal Singh, C-99, Govindpuri, Thatipur, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 1.50 ha. (42,208 cum per annum) (Khasra No. 249), Village - Churiyari, Tehsil - Gaurihar, Dist. Chhatarpur (MP).	No more mines operating or proposed within 500 meters around the said mine.