

The 401st meeting of the State Expert Appraisal Committee (SEAC) was held on 1st November, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

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

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

1. **Case No. - 5554/2017 Shri Kishanchand Thadlani, 72, Shahpura, Katni, MP – 483501 Prior Environment Clearance for Limestone & Dolomite Mine in an area of 4.20 Ha. (21,473 ton per annum) (Khasra no. 252) at Village- Bhatgawan Sunhera, Tehsil - Murwara, Dist. Katni (MP) (Consultant: M/s C.E.S., Bhopal).**

This is case of Limestone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra no. 252) at Village- Bhatgawan Sunhera, Tehsil - Murwara, Dist. Katni (MP) 4.20 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-4612, dated: 28/10/15, has reported that there are 08 more mines operating or proposed within 500 meters around the said mine with total area of 63.15 ha including this mine.

The case was presented by the PP and their consultant in 76th SEAC-II meeting dated 23/05/2017 wherein following details were provided by the PP:

Village	Bhatgawan Sunehar
Tehsil	Murwara
District	Katni
Area	4.20 ha
Type of Mine	Open cast Manual

Land status	Pvt. Land.
Lease Period	from 12/04/2002 to 11/04/2022
Minerals	Limestone & Dolomite
Khasra no.	252
Nearest City	Katni- 32 km
Nearest Highway	(NH-7) 14 km
Nearest Village	Pondi – 1.4 km in NE
Nearest Railway Station	Niwar- 8.6 km in NW
Nearest Airport	Jabalpur – 110.0 km
National Park/ Heritage site	None in 10 km radius
Ecological Sensitive Zone	None in 10 km radius
Nearest Forest	non within 250 meters
Latitude	23 ⁰ 40'40.15" to 23 ⁰ 40'37.80"
Longitude	80 ⁰ 26'47.67" to 80 ⁰ 26'49.00"
Water requirement	7 kld
Source of water	Ground water
Man power requirement	40Nos.
Total Available Reserve	236451 tonne (Limestone and Dolomite)
Life of mine	11 years

It's being a case of major mineral, committee consider this case as B-1 category and recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. Approved mining plan to be submitted at the time of EIA Presentation.
3. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
6. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.

7. Compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board.
8. Year wise details of minerals already excavated till date should be submitted with EIA report.
9. Hydro geological study should be carried out if ground water intersection is proposed.
10. Top soil management plan should be addressed in EIA report.
11. Input data of modeling should be addressed in EIA along with this all back up calculation.
12. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
13. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
14. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
15. Water quality of all the villages within 10 k.m radius should be studied and result should be incorporated in final EIA report.
16. Since the mining site is in close proximity of city area hence atleast 08 stations should be selected for monitoring and results should be discussed in the EIA report.
17. PP would follow environmental extend rules.

PP has submitted the EIA report vide letter dated 03/09/2019 which was forwarded through SEIAA vide letter no. 2401 dated 25/09/2019 which was placed before committee.

The case was scheduled for the EIA presentation and discussion 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 of SEAC.

2. Case No. – 6420/2019 Shri Jaiwant Singh S/o Shri Ranjeet Singh, Village - Parha, tehsil - Mahoba, Dist. Mahoba, UP. Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (77,000 cum per annum) (Khasra No. 1348P), 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. 1348P), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Assistant Mining Officer (Collector Office) letter No. 1051 dated: 14/02/19 has reported that there are 09 more mines operating or proposed within 500 meters around the said mine total area of 23.917 ha., including this mine.

The case was presented by the PP and their consultant in 389th SEAC meeting dated 09/08/2019 to obtain TOR, during presentation as per Google image based on coordinates provided by PP it has observed that that this lease is falling on the hillock where elevation difference from the hillock peak point to surface level approximately is 19 meters. During presentation it was observed that the co-ordinates of this lease and co-ordinates of lease case no. Case No. – 6409/2019 Shri Honey Bhasin, Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur, MP, Email - honeygsm123@gmail.com, Mobile – 9425170871 Prior Environment Clearance for Stone Quarry in an area of 3.40 ha. (1,00,000 cum per annum) (Khasra No.1348), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP) are intersecting with each other. Thus committee recommends that PP shall obtain authenticated actual DGPS co-ordinates duly verified by competent authority of both the mines and submit for further appraisal of this case.

PP vide letter dated 14/10/2019 has submitted the DGPS Survey report with corrected co-ordinates of the lease boundary duly authenticated by the concerned Mining Officer vide Collector's Office letter no 4868 dated 26/09/2019

Based on the above submission this case was scheduled for ToR presentation, wherein following details were submitted by PP:

Machinery Details:

Bench Height	6m
Drill hole dia	100mm
Burden	3m
Spacing	3.5m
Bulk Density insitu	2.7 MT/m3
Depth of hole including sub-grade drilling	6.6m

Yield per meter of drilling	25.77 MT
Meterage required per day	25.77
Rate of drilling	25 m per hour
Drilling capacity per day with effective working of 6 hrs per shift.	6 hr x 25m = 150 m
No of drill required for one shift in a day	25.43/150= 0.101 say 1

During presentation PP submits that Baseline monitoring of this project area is already done in March –May 2019. Committee after deliberations decided that being it's a case Stone Quarry with total area of 23.917 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. Explore such evacuation road that should be left minimum disturbance to surrounding villages.
 2. Any issue related to R&R shall be detailed out in the EIA report.
 3. Inventory of existing trees in lease area are to be submitted in Final EIA Report.
3. **Case No. – 6409/2019 Shri Honey Bhasin, Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur, MP, Email - honeygsm123@gmail.com, Mobile – 9425170871 Prior Environment Clearance for Stone Quarry in an area of 3.40 ha. (1,00,000 cum per annum) (Khasra No. 1348), 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. 1348), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.40 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the (Assistant Mining Officer) Collector Office letter No. 1084 dated: 14/02/19 has reported that there are 09 more mines operating or proposed within 500 meters around the said mine total area of 23.40 ha., including this mine.

Earlier this case was presented by the PP and their consultant in 389th SEAC meeting dated 09/08/2019 to obtain TOR, during presentation as per Google image based on coordinates provided by PP it was observed that the co-ordinates of this lease and co-ordinates of lease case no. Case No. – 6420/2019 Shri Jaiwant Singh S/o Shri Ranjeet Singh, Village - Parha, tehsil - Mahoba, Dist. Mahoba, UP. Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (77,000 cum per annum) (Khasra No. 1348P), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP).are intersecting with each other. Thus committee recommends that PP shall obtain authenticated actual DGPS co-ordinates duly verified by competent authority of both the mines and submit for further appraisal of this case.

PP vide letter dated 14/10/2019 has submitted the DGPS Survey report with corrected co-ordinates of the lease boundary duly authenticated by the concerned Mining Officer vide Collector's Office letter no 4869 dated 26/09/2019

Based on the above submission this case was scheduled for ToR presentation, wherein following details were submitted by PP:

SALIENT FEATURES OF THE MINE

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	3.40 ha
Mineable Area	3.40 ha
Existing Pits & Quarries	Nil
Existing Dumps	Nil
Plantation	Nil
Recoverable / Mineable Reserve	504095cum
Method of mining	FM
Ultimate Depth of Mining	17 m bgl (187 mRL)
Ultimate Pit Slope	45o
Expected Life of Mines	5 years
Lease Period	10year
Capacity per year	100000cum
mode to transportation	Road

Area to be covered under dumps in conceptual period	Nil
Area covered under pit in conceptual period	2.7309ha
Area to be backfilled by conceptual period	Nil
Area to be covered under plantation by conceptual period	0.75ha
Area to be covered under water reservoir	2.5462ha
Elevation	211-204m MSL
Ground water table	
Monsoon period	54 m bgl (150 m MSL)
Dry month	59 m bgl (145 m MSL)
Production per day @300day	333cum
Dumper required per day @20cum/40T	17 nos.

During presentation PP submits that Baseline monitoring of this project area is already done in March –May 2019. Committee after deliberations decided that being it's a case Stone Quarry with total area of 23.40 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. Explore such evacuation road that should be left minimum disturbance to surrounding villages.
 2. Any issue related to R&R shall be detailed out in the EIA report.
 3. Inventory of existing trees in lease area are to be submitted in Final EIA Report.
4. **Case No. – 6534/2019 M/s Jabalpur Ispat Pvt. Ltd, 907/1, Badi Omti, Dist. Jabalpur, MP Prior Environment Clearance for Granite Deposit in an area of 7.350 ha. (Granite-3,290 & Sallable waste material-23,043 cum per annum) (Khasra No. 2678, 2679, 2680, 2683/2, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2722/1, 2722/2), Village - Chhilpa, Tehsil - Anuppur, Dist. Anuppur (MP).**

This is case of Granite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2678, 2679, 2680, 2683/2, 2687, 2688, 2689, 2690,

2691, 2692, 2693, 2694, 2722/1, 2722/2), Village - Chhilpa, Tehsil - Anuppur, Dist. Anuppur (MP) 7.350 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. 357 dated: 08/03/2019 has reported that there are 03 more mine operating or proposed within 500 meters around the said mine total area of 28.998 ha., including this mine.

SALIENT FEATURES OF THIS PROJECT:

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	7.350ha
Mineable Area	7.350 ha
Existing Pits & Quarries	Nil
Existing Dumps	Nil
Plantation	Nil
Recoverable / Mineable Reserve	179478m ³
Method of mining	Mechanized
Ultimate Depth of Mining	20 m bgl (436 m MSL)
Ultimate Pit Slope	45°
Expected Life of Mines	55years
Lease Period	30years
Capacity per year	Granite- 3290 cum, sellable waste material- 18644 cum
mode to transportation	Road
Area to be covered under dumps in conceptual period	NIL
Area covered under pit in conceptual period	6.2435ha
Area to be reclaimed by conceptual period	4.00ha
Area to be covered under plantation by conceptual period	5.00ha
Area to be covered under water reservoir	2.00ha

Elevation	466-456 m MSL
Ground water table	
Monsoon period	40 m bgl (416m MSL)
Dry month	45m bgl (411m MSL)
Production per day @300 day	11m ³ granite & 62m ³
Dumper required per day @5 & 12m ³	2.00 & 5nos.

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's as annexed as annexure "D":-

- Any issue related to R&R shall be detailed out in the EIA report.
- Slurry management plan is to be annexed in final EIA report.
- Inventory of trees in lease area.
- A natural drain is at 100 meters from lease boundary towards Eastern side so protection plan is needed.

5. Case No. – 6561/2019 M/s Untra Mines and Minerals, Smt. Pushpa Parmer, Village - Chainpura, Tehsil - Thandla, Dist. Jhabua, MP, Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (48,500 cum per annum) (Khasra No. 550, 552, 577), Village - Manpur, Tehsil - Thandla, Dist. Jhabua (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 550, 552, 577), Village - Manpur, Tehsil - Thandla, Dist. Jhabua (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 Tehsildar's Office letter No. 4417 dated: 12/09/2019 has reported that there are 02 more mine operating or proposed within 500 meters around the said mine total area of 8.00 ha., including this mine.

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 of SEAC.

6. **Case No. – 6553/2019 Shri Ravindra Singh Yadav, Jagnapura No. 2, Ghasmandi, Dist. Gwalior, MP – 474003 Prior Environment Clearance for Stone Quarry & Murrum in an area of 2.940 ha. (Stone-59,205 cum per annum & Murrum- 26,660 cum per annum) (Khasra No. 32/1, 32/2, 33), Village - Lakhanpura, Tehsil - Dabra, Dist. Gwalior (MP).EIA Consultant: Green Circle Inc. Vadodara.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 32/1, 32/2, 33), Village - Lakhanpura, Tehsil - Dabra, Dist. Gwalior (MP) 2.940 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. Q-L 297/17/2019 dated: 23/09/2019 has reported that there are 05 more mine operating or proposed within 500 meters around the said mine total area of 16.20 ha., including this mine.

The case was scheduled for presentation and discussion, wherein following details were submitted by PP:

SALIENT FEATURES OF THE MINE

Name of Mine	Lakhanpura Stone Quarry
Name of Mineral	Granite Stone
Project Proponent	Shri Ravindra Singh Yadav S/o Late Shri Gyansingh Yadav Resi- Jagnapura no.-2, Ghasmandi, Dist- Gwalior , Madhya Pradesh
Location of the mine	Khasra: 32/1, 32/2, 33 Private Land
	Tehsil: Dabra
Topo Sheet No.	64 J /8

Topography & Elevation Profile	Plain land with gentle slope towards east. The north-western side of the lease area has a highest elevation of 229m AMSL whereas lowest elevation of 226 m AMSL recorded in eastern portion of the lease. Drainage flow of the lease area - towards east
Pvt. land or Govt. land	Private Land (Khasra)
New/ existing / Renewal mine/Lease Period	New , sanctioned for 10 Years (2019-29) Collector Sanctioned letter
Lease area & Production of Stone	2.940 ha & Stone :- Max 59,205 cubic metre/year Stone and Max 26,660 cubic metre/year Murrum
Reserve Depth & Total Geological Reserve-Stone	22 meter/ 6,19,766 M3
Available Movable Reserve-Stone	2,88,818 M3
Conceptual Depth	22 m BGS
Mine Life	~5 years @ Max 59,205 m3 /year stone (Detail)
Water Requirement	4.0 KLD (Source: Tanker water/ mine pit water)
No. of Employees	20 Nos.

During presentation PP submits that Baseline monitoring of this project area is already done in March –May 2019. Committee after deliberations decided that being it's a case Stone Quarry with total area of 16.20 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 should explore the possibility of using SME (site mixed explosives) in blasting.
2. Address mine discharge in EIA report.
3. Detailed study of slope stability & ground vibration shall be done.

4. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA (if any).
5. Level of mechanization should be discussed in the EIA report.
6. Hydro geological study should be carried out if ground water intersection is proposed.
7. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
8. A list of all the mines located in the Lakhanpura, Rafadpur and Chirpura cluster along with their lease area, lease period, existing production, proposed production as per approved mine plan, production for which the EC is desired (Form 1), available minable reserve, proposed ultimate depth, post mining land use, details of crusher if located within the lease area, if crushing is done outside the lease area its location and details, details of any habitation, water body, road, school, or hospital or any other public place within 500 m of the cluster.
9. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry and other mines etc located within 5 km radius of the cluster.
10. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
11. Air pollution control measures adopted by each mine and crusher in the cluster.
12. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.
13. Ambient Air Quality Monitoring on following locations be conducted for one season :-
 - (a) Three monitoring station one each at three nearby villages i.e. Lakhanpura, Rafatpur & Chirpura.
 - (b) Two monitoring station one each at main evacuation road and cluster area road.
 - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
 - (d) Three monitoring station within the cluster area near installed crushers.
7. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
8. Photography and Videography should also be done during collection of baseline data.
9. Noise Monitoring on following locations be conducted for one season :-

- (e) Three monitoring station one each at three nearby villages i.e. Lakhanpura, Rafatpur & Chirpura.
 - (a) Two monitoring station one each at evacuation road and cluster area road.
 - (b) Three monitoring station within the cluster area near installed crushers.
10. Discuss in EIA report the present scenario of OB management with locations of OB dump marked on map, measures taken for stabilization of dump, photographs of OB dump and proposed OB management plan for entire cluster.
 11. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
 12. A blast induced ground vibration and air over pressure study for the mines located within 500 m of any dwellings or any other important structure. The study should clearly recommend a site specific square root predictor equation for determining the maximum charge/delay that can be safely used.
 13. A drainage plan for entire cluster and surface run off management plan.
 14. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.
 15. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
 16. Public consultation be conducted as per EIA Notification, 2006.
 17. In addition to EMP for entire cluster in the EIA report a site specific EMP for each mine should also be prepared and submitted separately.
 18. Provide details of court cases/ litigations pending, if any.

7. Case No. – 6580/2019 M/s Siddhi Enterprises, Partner Shri Ranjeet Singh, Hotel Prince, Dist. Sidhi, MP - 486661 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.640 ha. (14,347.20 cum per annum) (Khasra No. 775, 776, 797), Village - Sihuliya, Tehsil - Bahari, Dist. Sidhi (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 775, 776, 797), Village - Sihuliya, Tehsil - Bahari, Dist. Sidhi (MP) 1.640 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter No. 1406 dated:

27/07/2019 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 features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural Drain	40	South-East	A setback of 10 meters shall be left in the lease area from Drain

This lease area is at foothill and there is possibility of water inundation during high flood time thus Run-off management plan is to address by PP. All mining operations will be undertaken by Semi-Mechanized Method. After presentation the committee asked to submit following details:

- Run-off management plan is to be submitted by the PP.
- Revised EMP

PP has submitted the response of above quarries same date vide letter dated 01.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 14,347.20 cum/annum.
2. A setback of 10 meters shall be left in the lease area from South-East due to existence of Natural Drain.
3. A budgetary provision for Environmental management Plan of Rs. 06.64 Lakh as capital and Rs. 02.76 Lakh/year. Under CER Rs. 0.45 lakhs/year has been proposed.

8. Case No. – 6404/2019 Shri Vivek Kumar Singh S/o Shri Arvind Kumar Singh, Village & Post - Chhitauni, Chaubeyour, Dist. Varanasi, UP – 486886. Prior Environment Clearance for Stone Quarry in an area of 2.80 ha. (24,767 cum per annum) (Khasra No. 1104), Village - Khurmucha, Tehsil - Chitrangi, Dist. Singrauli (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1104), Village - Khurmucha, Tehsil - Chitrangi, Dist. Singrauli (MP) 2.80 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1015 dated: 18/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for the presentation in 388th SEAC meeting dated 08.08.2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for the presentation and discussion in 392nd SEAC meeting dated 29/08/2019, wherein it was recorded that: As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Trees (>100)	Within lease	-	

The case was presented by the PP and their consultant, wherein it was observed by committee that most part of the lease is covered by trees for which PP submits that these are shrubs and they have submitted inventory of these shrubs. PP further commit that these will be up-rooted only after approval of competent authority. After presentation, committee deliberated that as per the co-ordinates provided by the PP, the lease is located on two hillocks and most parts (>

70%) of the lease is covered with fully grown trees which are in existence since 2012. (As per the available past Google images) Only some part in the middle of the lease is available for mining. Committee further observed that Tehsildar in his Ekal Praman Patra (issued vide letter no 2947 dated 29/08/2018) has mentioned that 100 trees of “Sendha” are in existence on the lease. Committee after deliberations recommends that EC is not recommended for this case as the most parts of the lease is covered by “Sendha” trees as per the Ekal Praman Patra by Tehsildar and observed by committee through Google image.

SEIAA vide letter no 2578 dated 14/10/2019 has forwarded this case to SEAC by stating that: PP has given representation vide letter dated 13/09/2019 that no trees shall be uprooted from lease area in northern and southern part within ML. Only 5-6 trees shall require to be uprooted after taking necessary permission from the concerned Authority. PP has submitted revised calculation table showing the reduced mineable reserve considering no mining zone. Considering above, PP has requested to reconsider the case.

Based on above submission this case was placed before the committee for discussion. The case was presented PP and their consultant wherein PP submitted that in the middle of the lease some area is available for mining and the area occupied by trees will be left as non mining area. Committee after deliberation decided that Since Tehsildar in his Ekal Praman Patra (issued vide letter no 2947 dated 29/08/2018) has mentioned that 100 trees of “Sendha” are in existence on the lease, committee after deliberation decided to carry-out the site visit of the QL area for further consideration of this project and to verify the submission made by PP that some area is available for mining leaving area occupied by trees as non mining area.

9. Case No. – 6130/2019 Shri Ajay Patidar, Village - Jalokheta, Tehsil - Badnawar, Dist. Dhar, MP – 454660 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (12,610 cum per annum) (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, 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. 1/1), Village - Nindwaniya, Tehsil - Badnawar, 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. 726 dated: 11/04/2018 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 8.00 ha., including this mine.

Earlier this case was presented by the PP and their consultant in 369th SEAC meeting dated 03/05/2019, during presentation as per Google image based on coordinates provided by PP, committee observed that coordinates of case no. 6119/2019 (belongs to Shri Ishwar Patidar, Village - Kod, Tehsil - Badnawar, Dist. Dhar, MP – 454665, Stone Quarry in an area of 2.00 ha. (14,559 cum per annum) (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP) are very close proximity/ overlapping with the actual lease which was showed by the PP. The PP was asked to submit revised Form -1 and accordingly revised coordinates in the mining plan duly verified by the competent authority and this case may be sent to SEIAA for delisting.

SEIAA vide letter no 2646 dated 17/10/2019 has forwarded this case to SEAC by stating that: PP has requested vide letter dated 16.08.2019 to consider relisting the case. After considering the request of PP, case is relisted with direction to PP to submit revised Form-I and revised coordinates in the mining plan duly verified by the competent authority to SEAC and decided to send the case to SEAC for appraisal.

The case was presented by the PP and their consultant, being it's a case Stone Quarry with total area of 8.00 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. This mining is situated on the catchment area of the water body/small dam approximately 30 meters away from the lease hence, provision of garland drains & settling tanks should be provided considering FTL so that, soil erosion as well as silt mixing into the water body can be prevented.

10. Case No. – 6560/2019 Smt. Hansa Meda, Village - Bagvnya, Tehsil - Dharmapuri, Dist. Dhar, MP - 454552, Prior Environment Clearance for Stone Quarry in an area of 2.50 ha. (11,400 cum per annum) (Khasra No. 392), Village - Bagvnya, Tehsil - Dharampuri, 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. 392), Village - Bagvnya, Tehsil - Dharampuri, Dist. Dhar (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. 1860 dated: 15/07/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Water body	350	West	Provision of garland drain and settling tanks proposed in this direction.
Shed	>250	East	-
Trees (06)	Within lease	-	Commitment from PP that no tree failing shall be done and as and when tree failing required permission will be obtained from the competent authority.

After presentation the committee asked to submit following details:

- Revised dimension of settling tank
- Commitment that control blasting with sand bags shall be done.
- Revised budget for CER as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 01.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 11,400 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.59 Lakh as capital and Rs. 4.65 Lakh/year and under CSR Rs. 0.60 Lakh as capital has proposed.

11. Case No. – 6559/2019 Shri Rajendra Kumar Chandrawanshi, R/o H.No. 301, Mahajan Path, Punasa, Dist. Khandwa, MP – 450114 Prior Environment Clearance for Crusher Stone Quarry in an area of 3.54 ha. (40,000 cum per annum) (Khasra No. 165, 166/2, 166/4, 168), Village - Nandkheda Ryt, Tehsil - Punasa, Dist. Khandwa (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 165, 166/2, 166/4, 168), Village - Nandkheda Ryt, Tehsil - Punasa, Dist. Khandwa (MP) 3.54 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's Office letter No. 43 dated: 07/10/2016 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 submitted that a road is existing on the eastern side of the lease which is approx. 50 meters away. After presentation, PP was asked to submit:

- Commitment that control blasting with sand bags shall be done.
- Revised plantation proposal for 720 plants/ year as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 01.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 40,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.72 Lakh as capital and Rs. 4.89 Lakh/year and under CSR Rs. 1.00 Lakh as capital has proposed.

12. Case No. – 6562/2019 Shri Nitin Kumar Saravgi S/o Shri Om Prakash Jain, R/o 1680, Civil Line, Dist. Jhansi, UP – 284121 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (42,750 cum per annum) (Khasra No. 241), Village - Mohanpura, Tehsil - Niwari, Dist. Niwari (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 241), Village - Mohanpura, Tehsil - Niwari, Dist. Niwari (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 (Ekal Praman-Patr) letter No. 441 dated: 23/09/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha road	290	North-East	-

The method of mining will be open cast semi mechanized. The quarrying operation will be carried out with developing benches. After presentation the committee asked to submit following details:

- Revised EMP map showing settling tank and other facilities.
- Revised budget for CER as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 01.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 42,750 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 18.19 Lakh as capital and Rs. 4.64 Lakh/year and under CSR Rs. 1.20 Lakh as capital has proposed.

13. Case No. – 6563/2019 Shri Vibhor Saravgi S/o Shri Pawan Kumar Saravgi, R/o 95/16, Civil Line, Dist. Jhansi, UP Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (40,000 cum per annum) (Khasra No. 03), Village - Biharipura, Tehsil - Niwari, Dist. Niwari (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 03), Village - Biharipura, Tehsil - Niwari, Dist. Niwari (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. 440 dated: 23/09/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha road	Crossing the lease	-	Right of access shall be provided through 7.5 meters of barrier zone
Natural Drain	400	East	Provision of garland drain and settling tanks proposed in this direction

The method of mining will be open cast semi mechanized. The quarrying operation will be carried out with developing benches. After presentation the committee asked to submit following details:

- Revised dimension of settling tank on EMP map.
- Revised budget for CER as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 01.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 40,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 23.74 Lakh as capital and Rs. 4.64 Lakh/year and under CSR Rs. 1.20 Lakh as capital has proposed.

14. Case No. – 6530/2019 M/s Dineshchandra R Agrawal Infracon Pvt. Ltd, 401, The Grand Mall, S.M.Road, Ambawadi, Dist. Ahmedabad, Guj., Prior Environment Clearance for Soil/Murram quarry in an area of 1.50 ha. (1,20,000 cum per annum) (Khasra No. 294), Village - Badoda, Tehsil - Satwas, Dist. Dewas (MP).

This is case of Soil/Murram quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 294), Village - Badoda, Tehsil - Satwas, Dist. Dewas (MP) 1.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar's Office letter No. 1487 dated: 27/08/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Road	200	East	-

The method of mining will be open cast semi mechanized. The quarrying operation will be carried out with developing benches. It is a case of Temporary Permit (TP) of 1 year. After presentation the committee asked to submit following details:

- Revised budget for EMP as suggested by committee.
- Commitment of PP to carry-out transportation through 40 MT truck load capacity in order to minimize the number of trips.
- Re-assess the the number of trips using 40 MT truck loading capacity trucks.
- Commitment of PP for providing pucca evacuation road to carry 40MT load considering the production very high capacity with at lease 7.5 meter width and shoulders of 0.5 meter each on both sides.
- Commensurate budget for evacuation route shall be provided in EMP.
- Commitment of PP that no evacuation shall be carried out from the village side.
- Propose how to avoid subsidence/collapse of mine wall

PP has submitted the response of above quarries same date vide letter dated 01.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Soil/Murram 1,20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.50 Lakh as capital and Rs. 5.00 Lakh/year and under CSR Rs. 0.30 Lakh as capital has proposed.

15. Case No. – 6533/2019 Shri Santosh Kumar Gupta S/o Shri Moti Lal Gupta, Village - Padkhudi Kothar and Kudiya Kothar, Tehsil - Rampur Naikin, Dist. Sidhi, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 2.924 ha. (10175 cum per annum) (Khasra No. 241, 267, 243, 269, 268 (Kudiya Kothar), 670, 671, 668, 673, 677, 393, 689, 392 (Padkhudi Kothar)), Village - Kudiya Kothar & Padkhudi Kothar, Tehsil - Rampur Naikin, Dist. Sidhi (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Kudiya Kothar), 670, 671, 668, 673, 677, 393, 689, 392 (Padkhudi Kothar)), Village - Kudiya Kothar & Padkhudi Kothar, Tehsil - Rampur Naikin, Dist. Sidhi (MP) 2.924 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. 1433 dated: 03/08/2019 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 features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	25	East	-
Natural Drain	Passing between the lease	-	-
Hutments	5	East	Protection plan is needed
Seasonal Nalla	50	South-West	-

During presentation it was observed that lease is dis-continuous and sanctioned in four parts for which PP submitted that due to natural drain passing between the leases it is sanctioned in this condition. Committee after discussion decided to refer this case to SEIAA for further necessary instruction/guidance as the lease is not continuous.

16. Case No. – 6571/2019 Shri Madan Mohan Pandey, R/o Kathwaria, Tehsil - Gunnor, Dist. Panna, MP- 488059. Prior Environment Clearance for Flag Stone Quarry in an area of 1.00 ha. (2,100 cum per annum) (Khasra No. 429/2), Village - Kothi, Tehsil - Semaria, Dist. Panna (MP).

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 429/2), Village - Kothi, Tehsil - Semaria, Dist. Panna (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. 1183 dated: 15/07/2019 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine total area of 3.00 ha., including this mine.

The case was presented by the PP and their consultant wherein during scrutiny of documents it was revealed that DFO vide letter dated 16/02/2018 has stated that the site is 180 meters away from the forest boundary for which PP has already taken permission from Divisional

Commissioner Level Committee on dated 02/03/2019. Committee further recommends that conditions stipulated by DCLC vide letter dated 02/03/2019 shall be complied by PP.

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	10	West	Setback of 40 meters to be left including 7.5 meters barrier zone.
Habitation	350	East	No drilling & blasting proposed
Road	325	North-East	-

PP further submits that since it is a Flagstone Quarry, no drilling & blasting is proposed. All mining operations will be done by Manually & Semi-Mechanized Method with the help of; 1-tractor etc. Shorting, sizing & dressing will be done by labours by hand tools like hammers, Chisels, Spade, Bucket etc. 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 Flagstone 2,100 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 3.49 Lakh as capital and Rs. 1.43 Lakh/year. Under CER Rs. 0.15 Lakh/ year has proposed.
3. All the conditions stipulated by DCLC vide letter dated 02/03/2019 shall be complied by PP.

17. Case No. – 6573/2019 Smt. Geeta Pathak, W/o Shri Rajendra Pathak, R/o Pawai, Tehsil - Pawai, Dist. Panna, MP - 488446. Prior Environment Clearance for Flag Stone Quarry in an area of 1.030 ha. (2,520 cum per annum) (Khasra No. 193/2), Village - Ghona, Tehsil - Shahnagar, Dist. Panna (MP).

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 193/2), Village - Ghona, Tehsil - Shahnagar, Dist. Panna (MP) 1.030 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. 1658 dated: 16/09/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during scrutiny of documents it was revealed that DFO vide letter no 4437 dated 27/07/2016 has stated that the site is 50 meters away from the forest boundary for which PP has already taken permission from Divisional Commissioner Level Committee on dated 24/03/2018. Committee further recommends that conditions stipulated by DCLC vide letter dated 24/03/2018 shall be complied by PP.

During presentation it was recorded that Mining method is Open cast manual since it is flagstone mining hence no Blasting will not be required. 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 Flagstone 2,520 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 3.74 Lakh as capital and Rs. 1.43 Lakh/year. Under CER Rs. 0.20 Lakh/ year has proposed.
3. All the conditions stipulated by DCLC vide letter dated 24/03/2018 shall be complied by PP.

18. Case No. – 6604/2019 Shri Deepak Raja Bundela S/o Shri Jagat Pratap Singh Bundela, R/o Sugraha, Tehsil - Gunour, Dist. Panna, MP - 488001. Prior Environment Clearance for Flagstone Quarry in an area of 1.00 ha. (3,500 cum per annum) (Khasra No. 169, 166), Village - Kutmi, Tehsil - Pawai, Dist. Panna (MP).

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 169, 166), Village - Kutmi, Tehsil - Pawai, Dist. Panna (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. 1603 dated: 07/09/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during scrutiny of documents it was revealed that DFO vide letter dated 11/08/2016 has stated that the site is 60 meters away from the forest boundary for which PP has already taken permission from Divisional Commissioner Level Committee on dated 02/03/2019. Committee further recommends that conditions stipulated by DCLC vide letter dated 02/03/2019 shall be complied by PP.

During presentation it was recorded that given lease is in two parts, PP further submits that in order to make the ML area of 1 ha it is sanctioned in two parts. Mining method is Open cast manual since it is flagstone mining hence no Blasting will not be required.

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 Flagstone 3,500 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.61 Lakh as capital and Rs. 1.33 Lakh/year. Under CER Rs. 0.20 Lakh/ year has proposed.
3. All the conditions stipulated by DCLC vide letter dated 02/03/2019 shall be complied by PP.

(Dr. Sonal Mehta)
Member

(Dr. A.K. Sharma)
Member

(Dr. Mohd. Akram Khan)
Member

(Dr. Jai Prakash Shukla)
Member

(R. Maheshwari,)
Member

(R.S.Kori)
Member Secretary

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.

9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'C'

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the

- project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
 17. All the necessary NOC's duly verified by the competent authority should be annexed.
 18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
 19. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
 20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
 21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
 22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
 23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
 24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
 25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K shall be analyzed in all soil samples.

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

26. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
27. Detailed analysis of availability and quality of the drinking water resources available in the block.
28. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
29. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.

