

The 428th meeting of the State Expert Appraisal Committee (SEAC) was held on 29th February, 2020 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. R. Maheshwari, Member.
5. 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.5949/15 M/s Aarone Developers Pvt. Ltd, 6th floor, Office Tower Select City Walk, A-3 District Center Saket, New Delhi – 110017 Prior Environment Clearance for Proposed Area Development and Township Project "County Walk" (Total Plot Area: 8,08,110 sqm, Total Planning Area: 7,81,340.0 sqm) at Khasra no 12/3, 12/7, 12/4, 12/5, 46/1/2/3, 12/6 (P), 12/8, 14, 15/1, 17/1, 17/2, 19, 18/1, 36, 37, 38, 39, 48, 49,40/1, 46/1/1(P), 46/1/1/2, 46/1/2/1, Village - Jalariya, Tehsil & Dist. Indore, MP.Environment Consultant- ENV DAS (India) Pvt. Ltd.**

This is case of Prior Environment Clearance for Proposed Area Development and Township Project "County Walk" (Total Plot Area: 8,08,110 sqm, Total Planning Area: 7,81,340.0 sqm) at Khasra no 12/3, 12/7, 12/4, 12/5, 46/1/2/3, 12/6 (P), 12/8, 14, 15/1, 17/1, 17/2, 19, 18/1, 36, 37, 38, 39, 48, 49,40/1, 46/1/1(P), 46/1/1/2, 46/1/2/1, Village - Jalariya, Tehsil & Dist. Indore, MP.

This case was scheduled in 352nd SEAC meeting dated 18/03/2019 wherein ToR (for Violation) was recommended.

PP has submitted the EIA report vide letter dated 10/12/2019 which was forwarded through SEIAA vide letter no. 3661 dated 02/01/2020.

The case was scheduled for EIA presentation in the 422nd SEAC meeting dated 10/02/2020, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in 418th SEAC meeting dated 23/01/2020. Committee decided to call the PP in subsequent meetings giving last chance to

present their case and even if 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 EIA presentation and discussion wherein it was brought to the notice of committee that PP vide letter dated 27/02/20 has requested that due to unavoidable condition he is unable to appear for the presentation and requested for 60 days time for presentation. Committee after deliberation decided to call the PP after 45 days in subsequent meetings of SEAC to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

2. **Case No 6851/2020 M/s Indian Railway Stations Development Corporation Ltd., Mr. V.B.Sood, CGM (Civil), 7th Floor, Tower - 1, Konnectus Building, Bhavbhuti Marg, Opp. Ajmeri Gate Side New Delhi Station, New Delhi – 110002 Prior Environment Clearance for Redevelopment of Gwalior Railway Station to provide superior passenger facilities to International Standards, with commercial Development on Transit Oriented Development Principles, at Khasra No.- Mahalgaon– 114-125, 127-133, 135-142, 146, 147, 153-160, 164, 165, 168, 171, Gauspura- 856-859, 876, 878, 879-884, 887-888, 895, 900-902, 904-911, 912-915, Mahalgaon- 105-107, Gauspura- 759-761, 848-849, Lashkar (Gadrola Malibag) – Z4-Z12, Z14,Z16, Z18, Z19, Z21, 7, 22, 25, Village - Mahalgaon, Gauspura, Lashkar (Gadrola Malibag), Tehsil - Gwalior, Dist. Gwalior (M.P.). Plot Area- 4,84,247 m² (48 Ha.) Built up Area – 5,91,296 m² (59 Ha.). Category: 8(b) Township and Area development Project.**

This is case of Prior Environment Clearance for Redevelopment of Gwalior Railway Station to provide superior passenger facilities to International Standards, with commercial Development on Transit Oriented Development Principles, at Khasra No.- Mahalgaon– 114-125, 127-133, 135-142, 146, 147, 153-160, 164, 165, 168, 171, Gauspura- 856-859, 876, 878, 879-884, 887-888, 895, 900-902, 904-911, 912-915, Mahalgaon- 105-107, Gauspura- 759-761, 848-849, Lashkar (Gadrola Malibag) – Z4-Z12, Z14,Z16, Z18, Z19, Z21, 7, 22, 25, Village - Mahalgaon, Gauspura, Lashkar (Gadrola Malibag), Tehsil - Gwalior, Dist. Gwalior (M.P.). Plot Area- 4,84,247 m² (48 Ha.) Built up Area – 5,91,296 m² (59 Ha.). Category: 8(b) Township and Area development Project.

The case was presented by the PP and their consultant for obtaining TOR for conducting EIA. The salient features of the project:

Project Category: 8(b)

Land Use of area (Whether lie in no development zone/buffer zone/flood plain):
Commercial (Land belongs to Indian Railways)

Net Plot Area: 484247 m² (48 Ha) Lat.: 26°13'3.02"N Long.: 78°10'57.77"E

Green building registration: Yes

Total Built-up Area: BUA- 591296 m² (59 Ha)

Parking Details: 2,016 ECS

Water Requirement: Total water requirement will be 3580 KLD, total treated water availability will be of 2145 KLD, total fresh water requirement is 1887 KLD, out which 824KLD will be met through bore well and 1063KLD through municipal supply.

Wastewater generated: 2390 KLD

STP Details: STP of capacity 1575KLD is proposed for commercial section of the project while STP of capacity 1300KLD is proposed for rest of the facilities including station, office and residential area

STP Technology: MBBR

Source of Power and Capacity: Present electricity load is 1250 KVA, after implementation of this project additional load will be 10838KVA

Details of DG Sets: 16850 KVA (500 KVA, 250 KVA, 62.5 KVA (2 numbers) and 160 KVA)

Green Area: 74,347 m² i.e. 15.35% of total plot area

Solid Generated: 78 ton/day (@ 0.15 kg per capita per day for staff and visitors, Kitchen waste, E-waste, STP sludge and landscape waste (for green belt) @ 5 kg/acre/day).

Rain Water Harvesting Pits: 19

Eco-Sensitive Zone in 10 km radius:

Ghatigaon Hukna/Son Chhriya Wildlife Sanctuary (ESZ boundary) at 4.7km in WSW direction. As per the office memorandum (F. No. 22-43/2018-IA-III) dtd. 8/08/2019, sub clause no. ii of clause no. 4 "Proposals involving developmental activity/project located outside the stipulated boundary limit of notified ESZ and located within 10 km of National Park/ Wildlife Sanctuary, prior clearance from Standing Committee of the National Board for Wildlife (SCNBWL) may not be applicable. However, such proposals from environmental angle including impact of developmental activity/project on the wildlife habitat, if any, would be examined by the sector specific Expert Appraisal Committee and appropriate conservation

measures in the form of recommendations shall be made. These recommendations shall be explicitly mentioned in the environmental clearance letter and shall be ensured by the member secretary concerned”. Hence, prior clearance from standing committee of the National Board for Wildlife (SCNBWL) may not be applicable. However, we have applied for NOC to DFO and WLW.

Project Details:

Items	Description
Total Plot Area	484247 m2 (48 Ha)
Build Up Area	591296 m2 (59 Ha)
Total Water Requirement	3580 KLD (During Operation)
Fresh Water Requirement	1887 KLD (During Operation)
Wastewater Generation	1071 KLD Rest of facilities 1319 from Commercial section
STP Capacity	1575KLD is for commercial section,1300KLD is for rest of the facilities
STP Technology	MBBR
Solid Waste Generation	Total 78 Ton/day
Power Demand	Present electricity load- 1250 KVA Additional load- 10838KVA provided by MPMKVVCL
Back up	16850 KVA
Parking	2,016 ECS
Seismicity	Zone- II (Least Active)

- Gwalior Station building redevelopment proposal is to make it a world class station with segregated passenger movement and upgraded passenger amenities. The proposed station is planned with horizon year 2060 (40 years) for handling passenger traffic.
- The project will apply for Green Building three stars Griha or equivalent so all the guidelines as per the applicable norm will be followed.
- In the proposed station redevelopment program, parts of the railway land are proposed to be with commercial / real estate development in order to regenerate revenues and make the station self-sustaining.
- Gwalior is listed under Smart city with area based development proposed in it. Gwalior being a heritage city, it is proposed to follow heritage and culture module with revitalization of heritage monuments, up gradation of facilities, façade restoration wherever required.

Concept of Redevelopment of Railway Station:

A special purpose company, 'Indian Railway Stations Development Corporation Limited' ("IRSDC"), incorporated under the Companies Act, 1956 with equity participation of Rail Land Development Authority (RLDA) and Ircon International Limited (IRCON), has been approved as the project development agency. IRSDC, as the project development agency, will be carrying out the bidding process for the Project, including provision of development plans – master plan, architectural drawings etc., consult with urban local bodies/other statutory authorities while approving the plans, so that the development is harmonious with surrounding development, generally following National Transit Oriented Development (TOD) Policy.

Tentative Key facilities in Station Area (including but not limited to):

- PASSENGER CONCOURSE AND CIRCULATION AREAS- Departure Passenger Entry Hall, Arrival Passenger Exit Hall, Baggage security check in area, Information centre / Enquiry centre, etc.
- PASSENGER WAITING / HOLDING FACILITIES - Unreserved waiting hall, Reserved waiting hall, 1st Class lounge, Executive lounge & Ladies waiting hall.
- TICKETING - Current Booking Service, Computerised Reservation Centre (Ticketing , queuing & waiting), Enquiry Counters, Ticket Counters & Booking Supervisor's office.
- PASSENGER AMENITIES AREA - Food Court/ Food plaza, Jan Aahar- Railway Refreshment Room, Cloak Room, Retail Area, Retiring rooms and suites, VIP dining hall & pantry, Staff rest room & Dormitories.
- STATION OPERATIONAL AREAS- Main Administrative Offices, Security and Station Operation Staff Areas, Station Administrative Rooms & Misc. Technical Areas.

Benefits Expected from the Project:

Railway station buildings all over the world are not just transportation hubs, rather they create the city centre. They change the whole urban fabric due to the commercial pull of the activities associated with them. The station buildings have a great social & economic impact and bring commercial value to the surrounding buildings as well.

Efficient Mobility - Promoting multi-modality & seamless interchange

- Functional Integration to Improve Operational Efficiency of the Transit Systems
- Improve Transit Options for Communities in Need (modern, sustainable & affordable)
- Increasing choice and congestion relief for all commuters.

- **Economic Growth - Large concentration of high-end employment**
- Catalyse high-value employment activity
- Connect people to economic opportunities:
- Provide networked transit service to many of the region’s hinterland
- Accessibility to high end jobs
- **Efficient Urban Land use – Improved Urban Structure (City Centre Primacy)**
- By strengthening concentration of high-value, economic activity in the city centre enables to keep the Primacy.
- Development of Railway land for commercial, residential and city centre.

Environment

- Support the reduction in greenhouse gas emissions and other pollution within a concentrated area as well as city wide.
- Mode shifts in favour of non-motorised and public transport modes. Reduction in trip lengths due to concentration

FAR Calculation	Total	Unit
Total Site area	484,247	Sqm
Proposed Built-up area	275,531	Sqm
Existing Built-up area (Approx.)	313,577	Sqm
Existing station	2,188	Sqm
Total Built-up area	591,296	Sqm
Achieved FAR	1.22	
Total Green Area	74,347	Sqm
	15.35%	
Roof Area		
Proposed Buildings	83,509.33	Sqm
Existing Built-up area (Approx.)	67,442	Sqm
Total Roof Area	150,951.33	Sqm
	31.17%	%
Road & Pavement Area	258,948.23	Sqm
	53.47%	

PP further submitted that it is a case of area development projects under category 8 (b), with Build Up Area-5,91,296 m² (59 Ha). After presentation committee asked PP to submit revised area statement including roads and pavement area. After presentation PP submitted, revised area statement to SEIAA with copy to SEAC . Details are as:

Total Built-up area (A) = 591,296,

Road & Pavement Area (B)= 258,948.23,

Total Area (A+B)= 85,02,44 Sqm.

After deliberation the committee recommended to issue standard TOR as prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and as per Annexure-D:-

- 1) In the EIA report commitment that no R& R issues are involved in the project.
- 2) In the EIA report elaborate C& D details (if any proposed).
- 3) As proposed 19 bore well are existing in the area to meet the fresh water requirement. PP will submit permission from CGWB for using ground water.
- 4) For power back up 16850 KVA is proposed, for which contribution from solar power and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency shall be discussed in the EIA.
- 5) In the EIA report enclosed NOC from state and central archeological department, if any heritage building is involve in this project.
- 6) Proper management plan to drain out of excess water on railway tracks.
- 7) Tree falling of 319 nos. is proposed thus inventory of trees with species, girth, and number which shall be uprooted during this project with its plan for compensatory plantation shall be discussed in the EIA report.
- 8) Quantify the amount of oxygen depletion due to proposed 319 trees falling and submit plan for proportionate oxygen enhancement with EIA report.
- 9) Environmental Monitoring should be conducted minimum on 10 locations for Air, Noise, Soil, Ground & Surface waters. In soil samples heavy metal and pesticides (minimum in 02 samples) analysis shall also be conducted).
- 10) Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
- 11) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 12) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

- 13) Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
- 14) Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
- 15) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 16) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

3. Case No 6786/2020 Shri Manoj Kumar Jain, M/s Gosai Dhan Krapa Stone Crusher, R/o Village - Abhou, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471515 Prior Environment Clearance for Stone Mine in an area of 3.90 ha. (2,48,204 cum per annum) (Khasra No. 151), Village - Dhujaura, 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. 151), Village - Dhujaura, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.90 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Assistant Draft Man (Collector Office Chhatarpur) letter dated: 10/12/2018 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine total area of 9.616 ha., including this mine.

The case was scheduled for the presentation in 423th SEAC meeting dated 11/02/2020 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 PP has submitted the salient features of this project:

Salient features of this project:

BASIC INFORMATION	
Name of Project	DHUJAURA STONE MINE
Project Proponent	M/s. Gosai Dhan Kripa Stone Crusher
Status of Mine	New

Location		Latitude: 25°16'31.40" to 25°16'40.92"N Longitude: 80°02'31.40" to 80°02'45.32" E Toposheet No. : 63C/3
Proposed Production/ Mine Lease Area		248204 Cum/Annum / 3.90 Ha
Validity of Lease	Lease Period	The lease has been sanctioned vide order no 18804/Khanij/U.P/N.Kr.7/2009 dated 27.11..2010 by the Director(DGM) Bhopal for the period of 10 yrs. Lease period is from 24.02. 2011 to 23.02.2021
Mineable Reserves		Proved Mineral Reserve= 39,000 cum Probable Mineral Reserve = 8,29,485 cum
Proposed Mining Process		Opencast Semi mechanized method
Daily Water Demand		5.0 KLD, Source – Bore well and sump
Manpower		67
Estimated Project Cost		60 Lakh

During presentation as per the Google image based on coordinates provided by PP it was observed that this site is located at height of approximately 55 meters and a pucca road is at a distance of approximately 85 meters towards west side. Some trees are in existence in lease. 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. 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.
4. Free silica with its mineralogical composition shall be analyzed in P.M 10.
5. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.

6. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report.
 7. 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.
 8. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.
4. **Case No 6787/2020 M/s Gosai Dhan Krapa Stone Crusher, R/o Village - Abhou, Tehsil - Gaurihar, Dist. Chhatarpur, MP - 471515, Prior Environment Clearance for Stone Mine in an area of 2.00 ha. (20,000 cum per annum) (Khasra No. 584 Part), Village - Tikari, 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. 584 Part), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur (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 Assistant Draft Man (Collector Office Chhatarpur) dated: 15/11/2018 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine total area of 8.400 ha., including this mine.

The case was scheduled for the presentation in 423th SEAC meeting dated 11/02/2020 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 PP has submitted the salient features of this project:

Salient features of this project:

BASIC INFORMATION	
Name of Project	TIKRI STONE MINE
Project Proponent	M/s. Gosai Dhan Kripa Stone Crusher
Status of Mine	New
Location	Latitude: N 25°15'33.35" to 25°15'38.17" Longitude: E 80°01'48.54" to 80°01'54.29" Toposheet No. : 63C/3

Proposed Production/ Mine Lease Area		20000 Cum/Annum / 2.0 Ha
Validity of Lease	Lease Period	The lease has been sanctioned vide order no 3072-98 /Khanij/2012 Chhatarpur dated 9/3/2011 for 10 yrs .
Mineable Reserves		Proved Mineral Reserve= 499557 cum Probable Mineral Reserve = cum
Proposed Mining Process		Opencast Semi mechanized method
Daily Water Demand		3.0 KLD, Source – Bore well and sump
Manpower		14
Estimated Project Cost		20 Lakh

During presentation as per the Google image based on coordinates provided by PP it was observed that Human settlement is at a distance of approximately 250 meters towards North side. Some trees are in existence in lease. 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. Protection plan for nearest human settlement at a distance of approximately 250 meters towards North side.
3. 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.
4. Free silica with its mineralogical composition shall be analyzed in P.M 10
5. Proposed evacuation route with gradient shall be discussed in the EIA report.
6. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
7. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report.

8. 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.
9. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.

5. Case No 6818/2020 M/s Gosai Dhan Krapa Stone Crusher, R/o Village - Abhou, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471515 Prior Environment Clearance for Stone Quarry in an area of 0.75 ha. (20,000 cum per annum) (Khasra No. 151(P)), Village - Dhujaura, 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. 151(P)), Village - Dhujaura, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 0.75 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 Chhatarpur) letter no 2676 dated 12/06/2019 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine total area of 9.616 ha., including this mine.

The case was presented by PP and their consultant wherein PP has submitted the salient features of this project:

Salient features of this project:

BASIC INFORMATION	
Name of Project	DHUJAURA STONE MINE
Project Proponent	M/s. Gosai Dhan Kripa Stone Crusher
Status of Mine	New
Location	Latitude: N 25°16'31.37" to 25°16'31.68" Longitude: E 80°02'51.36" to 80°02'55.43" Toposheet No. : 63C/3
Proposed Production/ Mine Lease Area	20,000 Cum/Annum / 0.75 Ha
Validity of Lease	Lease Period
The lease has been sanctioned vide order no 18804/Khanij/U.P/N.Kr 7 /2009 dated 27.11.2010 by the Director (DGM.) Bhopal for the period of 10 years.	
Mineable Reserves	Total Mineral Resources:57220 cum Probable Mineral Reserve:49471 cum
Proposed Mining Process	Opencast Semi mechanized method
Daily Water Demand	3.0 KLD, Source – Bore well and sump
Manpower	22
Estimated Project Cost	10 Lakh

During presentation as per the Google image based on coordinates provided by PP it was observed that this site is located at height of approximately 55 meters. Some trees are in existence in lease. 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. 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.
 4. Free silica with its mineralogical composition shall be analyzed in P.M 10
 5. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
 6. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report.
 7. 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.
 8. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.
6. **Case No. – 6717/2019 Smt. Santo Choursiya, Near Village Biloua, Tehsil - Dabra, Dist. Gwalior, MP. Prior Environment Clearance for Stone Quarry in an area of 1.214 ha. (30,000 cum per annum) (Khasra No. 3624/1), Village - Biloua, Tehsil - Pichhore, Dist. Gwalior (MP).**

This is case of Stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3624/1), Village - Biloua, Tehsil - Pichhore, Dist. Gwalior (MP).1.214 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 dated 07.04.2016 has reported that there are (not mentioned) more mines operating or proposed within 500 meters around the said mine total area of 10.264 ha., including this 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 424th SEAC meeting dated 12/2/2020 and in 417th SEAC meeting dated 22/01/2020. 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.

7. 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 in 401st SEAC meeting dated 01/11/2019, 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.

This case was placed before committee as on PP's request Collector Office Dhar has send the DGPS survey report with revised co-ordinates of the lease boundary vide letter no 33 dated 10/01/2020, which was forwarded through SEIAA vide letter dated 01/02/2020.

Based on above submission i.e. DGPS survey report with revised co-ordinates of the lease boundary vide letter no 33 dated 10/01/2020 this case was placed before committee, after deliberation committee recommended to issue Revised TOR 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.
2. Since there are 03 more mines in 500m radius of lease boundary, hence complete drainage plan shall be discussed in final EIA report.
3. PP shall submit inventory of these trees with details of girth, species, photographs, and further plan for protection.

4. Proposed evacuation route with gradient shall be discussed in the EIA report.
5. Blasting details with peak particle velocity of fly –rocks.
6. Free silica with its mineralogical composition shall be analyzed in P.M 10
7. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.

8. Case No. – 6118/2019 Shri Ishwar Patidar, Village - Kod, Tehsil - Badnawar, Dist. Dhar, MP – 454665 Prior Environment Clearance for 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).

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. 728 dated: 11/04/2018 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.00 ha., including this mine.

The case was scheduled for the presentation in 369th SEAC meeting dated 03/05/2019, 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.

In this meeting (382nd SEAC meeting dated 09/07/2019), this case was again scheduled for presentation, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 369th SEAC meeting dated 03/05/2019. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant in 388th SEAC meeting dated 08/08/2019, wherein being it's a case Stone Quarry with total area of 6.00 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 300 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.

This case was placed before committee as on PP's request Collector Office Dhar has send the DGPS survey report with revised co-ordinates of the lease boundary vide letter no 27 dated 10/01/2020, which was forwarded through SEIAA vide letter dated 01/02/2020

Based on above submission i.e. DGPS survey report with revised co-ordinates of the lease boundary vide letter no 27 dated 10/01/2020 this case was placed before committee, after deliberation committee recommended to issue Revised TOR 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 300 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.
 2. Since there are 02 more mines in 500m radius of lease boundary, hence complete drainage plan shall be discussed in final EIA report.
 3. PP shall submit inventory of these trees with details of girth, species, photographs, and further plan for protection.
 4. Proposed evacuation route with gradient shall be discussed in the EIA report.
 5. Blasting details with peak particle velocity of fly –rocks.
 6. Free silica with its mineralogical composition shall be analyzed in P.M 10
 7. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.
9. **Case No. – 6119/2019 Shri Ishwar Patidar, Village - Kod, Tehsil - Badnawar, Dist. Dhar, MP – 454665 Prior Environment Clearance for 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).**

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. 728 dated: 11/04/2018 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.00 ha., including this mine.

The case was presented by the PP and their consultant in 366th SEAC meeting dated 30/04/2019, during presentation as per Google image based on coordinates provided by PP, committee observed that coordinates are not matching with the actual lease shown by the PP during presentation. PP submitted that there are two identical leases with the same area and by mistake they have attached the details of other lease and will submit the revised Form -1 and other details duly authenticated by the concerned authority. Since the co-ordinates are not matching with the actual lease, this application is recommended for delisting to SEIAA.

This case was placed before committee as PP vide letter dtd. 14/01/2020 has submitted the desired information which was forwarded through SEIAA vide letter no 4327 dated 10/02/2020.

This case was placed before committee as on PP's request Collector Office Dhar has send the DGPS survey report with revised co-ordinates of the lease boundary vide letter no 27 dated 10/01/2020, which was forwarded through SEIAA vide letter dated 01/02/2020

Based on above submission i.e. DGPS survey report with revised co-ordinates of the lease boundary vide letter no 27 dated 10/01/2020 this case was placed before committee, after deliberation 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 protection plan for nearest hutments towards South side of lease boundary.
2. Since there are 02 more mines in 500m radius of lease boundary, hence complete drainage plan shall be discussed in final EIA report.
3. PP shall submit inventory of these trees with details of girth, species, photographs, and further plan for protection.
4. Proposed evacuation route with gradient shall be discussed in the EIA report.
5. Blasting details with peak particle velocity of fly –rocks.
6. Free silica with its mineralogical composition shall be analyzed in P.M 10

7. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.

10. Case No 6793/2020 Shri Tikam Singh, Gram - Khodi Useth, Tehsil -Parosa, Dist. Morena, MP Prior Environment Clearance for Sand Quarry in an area of 2.096 ha. (58,200 cum per annum) (Khasra No. 2053), Village - Useth, Tehsil - Porsa, Dist. Morena (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2053), Village - Useth, Tehsil - Porsa, Dist. Morena (MP) 2.096 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. 220 dated: 28/01/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 424th SEAC meeting dated 12/02/2020. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

11. Case No. - 6705/2018 Shri Subhash Patil, Office of Divisional Project Engineer, Project Implementation Unit, at Public Works Department, Dist. Satna,(M.P.), Prior Environment Clearance for Proposed 150 admissions medical college & hospital (Plot Area – 1,87,638.598 sqm, Built up Area – 84,096.575 sqm, FAR- 81,258.566 sqm) at Village - Kirpalpur, Tehsil - Raghuraj Nagar, Dist.- Satna,(M.P.) Cat. 8(a) Building & Construction Project Env. Con. – Amaltas Enviro Industrial Consultant.

This is case of Prior Environment Clearance for Construction of Proposed 150 admissions medical college & hospital (Plot Area - 177638.598 sqm, Built up Area - 84096.575 sqm) at Village - Kirpalpur, Tehsil - Raghuraj Nagar, Dist.- Satna,(M.P.),. hence requires prior EC from SEIAA before initiation of activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to carry out EIA and prepare EMP for the project.

The case was presented by the PP and their consultant in 413th SEAC meeting dated 10/12/2019 during presentation following basic details was provided by the PP.

- Proposed 150 Admissions Medical College and Hospital at Satna, Madhya Pradesh.
- Total Plot area is 1,87,638.598 m² (43.89 Acres). The built up area of the project is 84,096.575 m².
- Site is well connected to transport facilities. Proposed site is adjacent to Kushwaha road in north and having central jail road in its south.
- The proposed site is having residential as well as hospital block in planning however, currently development shall take place under phase-I having residential and college facility
- Since, the total plot area of the project is less than 50 hectares, it is categorized as 8(a) project, under the EIA Notification, 2006 and requires environmental clearance from the SEIAA, MP.

Particulars	Details
Name of the Project	Proposed 150 Admissions Medical College and Hospital at Satna, MP
S. No. in the schedule	8(a)
Total Plot Area	1,77,638.598m ²
Total Built Up Area	84,096.575 m ²
Cost of Project	230 Crores
Expected Population	16,364
Total Water Requirement	937 KLD
Total Fresh Water Demand and source	Municipal Authority
Recycled Water	564 KLD 373 KLD
STP Capacity and Technology	830 KLD & FAB; ETP 50 KLD
No. of Proposed RWH Pits	43 Pits
Parking Proposed	654 ECS
Solid Waste Generation	4,476 kg/day
Total Power Requirement	600 kVA; Madhya Pradesh Poorv Kshetra Vidyut Vitaran Company Ltd.
Power Back up	1 x 125 KVA, 415V radiator cooled DG set in acoustic enclosure

- Total green area proposed for project is 43,452.93 m² (24.46% of plot area). A combination of evergreen and ornamental, palms, shrubs and ground covers planted along the sides of the road and in open space and set back area within the complex layout.
- Landscaping is an important element in altering the microclimate of the place. Proper landscaping reduces direct sun from striking the buildings and heating up building surfaces, prevents reflected light carrying heat into a building from the ground or surfaces, creates different air flow patterns and can be used to direct or divert the wind advantageously by causing a pressure difference. Shade created by trees & the effects of grass & shrubs reduce air temperature adjoining the building and provide evaporative cooling.

During presentation as per Google image based on coordinates provided by PP, committee observed following features:

The satellite map of the area showed by the PP shows a residential colony within the periphery of project area in the North –West side. PP stated that its residential colony developed by Housing Board and a Kendriya Vidyalaya (Central School) which is in operational mode situated in just vicinity of the site. (South – East corner), moreover canal is passing from the North to south direction which is about 160 meters from the site. In the presentation PP showed total Plot area as 1,87,638.598 m² (i.e. 43.89 Acres) while PP stated that actual area where this project is proposed is 37.72 acre . The PP stated that the residential colony developed by Housing Board is not the part of this project. After presentation committee asked to PP to submit following details:

- Revised Form –I, disclosing exact project area and other details as discussed during presentation.
- Entire coordinates of the project showing actual project boundary.
- Lay-out and detailed drawing on large scale map of the project shall be submitted by PP.
- Mitigation measures to be adopted during construction phase considering Kendriya Vidyalaya and a residential colony.
- Inventory of the trees located in the plot and permission if any tree felling is proposed.
- Undertaking that no R&R involve in this project.
- Undertaking that no excavation done so far, for this project

PP vide letter dated 09/01/2020 has submitted the revised Form-I which was forwarded through SEIAA vide letter no 4275 dated 05/02/2020 which was placed before committee.

Based on above submission this case was placed before committee in 422nd SEAC meeting dated 10/02/2020 for presentation and discussion of query raised in 413th SEAC meeting dated 10/12/2019, 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.

In this meeting PP and their consultant presented the query reply presentation rose in the 413th SEAC meeting dated 10/12/2019. PP submitted that:

- Proposed 150 Admissions Medical College and Hospital at Satna, Madhya Pradesh.
- Total Plot area is 1,87,733.70 m² (46.39 Acres). The built up area of the project is **84,096.575 m²**.
- The proposed site is having residential as well as hospital block in planning however, currently development shall take place under phase-I having residential and college facility
- Since, the total plot area of the project is less than 50 ha. it is categorized as 8(a) project, under the EIA Notification, 2006 and requires environmental clearance from the SEIAA, MP.

PP submitted that only Medical College building is proposed in the Phase - I and hospital is proposed in the next phase for which separate EC will be taken. The residential building and Kendriya Vidyalaya are not the part of this project. PP further stated that there is no R& R issues are involved. However structures are situated within the project area for which PP (Project Implementation Unit, at Public Works Department, Distt. Satna) submitted that these are unauthorized houses and they have written a letter to the District Collectorate's Revenue Department for relocation of such structures. PP submitted that District administration has ordered for their relocation and they will submit the copy of the order issued by District administration. Moreover PP said these structures will be dismantled in future for which separate EC will be taken. After presentation committee asked PP to submit following information for further consideration of the project.

1. PP will submit relocation order/R&R plan regarding shifting of some houses falling within the project area. PP during presentation submitted that these are unauthorized encroachments.
2. Quantification of excavated soil and its disposal and management plan.

3. A map showing proposed lay out plan (structures) on Google image to verify that proposed structures are not falling on any existing green area. PP shall also submit a commitment that no tree felling is involved in this proposed project.
4. Commitment that intensive plantation shall be carried out around the boundary wall of the Kendriya Vidyalaya in the upcoming monsoon season to act as a curtain wall during construction activity.
5. Component- wise drawing and design of proposed STP of 830 KLD based on FAB technology.
6. Commitment that MS sheets will be erected to protect dust particles during construction phase (during loading and un-loading of construction material) particularly towards Kendriya Vidyalaya side.

12. Case No 6742/2020 Shri Kapoor Singh Gurjar, R/o Nainagarh Road, Back Hostel, Siddh Nagar, Dist. Morena, MP. Prior Environment Clearance for Stone Quarry in an area of 3.25 ha. (90,000 cum per annum) (Khasra No. 3000, 3001, 3002, 3190), Village - Dhanela, Tehsil - Morena, Dist. Morena (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3000, 3001, 3002, 3190), Village - Dhanela, Tehsil - Morena, Dist. Morena (MP) 3.25 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no 258 dated 14/11/19 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 424th SEAC meeting dated 12/2/2020 and in 420th SEAC meeting dated 27/01/2020. 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.

13. Case No 6772/2020 Smt. Kumkum Singh W/o Collector Singh, Village - Kubri, Tehsil - Bahari, Dist. Sidhi, MP – 486771 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (24,000 cum per annum) (Khasra No. 405, 409/2 Part), Village - Karaundi, Tehsil - Kubri, Dist. Sidhi (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 405, 409/2 Part), Village - Karaundi, Tehsil - Kubri, Dist. Sidhi (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 1569 dated 14/10/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 422nd SEAC meeting dated 10/02/2020. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

14. Case No 6796/2020 Shri Naval Kishore Baghel S/o Shri Nemi Singh Baghel, Mu. PO. Lakhnawada, Tehsil - Seoni, Dist. Seoni, MP – 480661 Prior Environment Clearance for Stone Quarry in an area of 3.00 ha. (20,064 cum per annum) (Khasra No. 187), Village - Phulara, Tehsil - Seoni, Dist. Seoni (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 187), Village - Phulara, Tehsil - Seoni, Dist. Seoni (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 Collector Office letter No. 888 dated: 20/12/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 424th SEAC meeting dated 12/02/2020. Committee decided to call the PP in

subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

15. Case No 6834/2020 M/s Sayyog Metals, Partner, Shri Ish Kumar Sood, D - 3, Shashtri Nagar, Tehsil - Huzur, Dist. Bhopal, MP – 462003 Prior Environment Clearance for Stone Quarry in an area of 4.830 ha. (26,600 cum per annum) (Khasra No. 140, 142, 143, 144, 145, 150), Village - Lasudiya Gosai, Tehsil - Huzur, Dist. Bhopal (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 140, 142, 143, 144, 145, 150), Village - Lasudiya Gosai, Tehsil - Huzur, Dist. Bhopal (MP) 4.830 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. 498 dated: 07/02/2020 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, it was recorded that highest elevation area 527m in SW Side while lowest one is 524 m in NE side, thus total elevation is of 3 m . Overall drainage is towards North East Side of area. Further 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
Human settlement	50	South-East	<ul style="list-style-type: none"> • Setback of additional 50m shall be maintained towards human settlement. • Controlled blasting with arrangements of sand bags. • Three rows of Plantation in this side.

PP further submits that all mining operations will be undertaken by open cast manual/semi mechanized Method. At the end of lease period about 2.2007 Ha., Area will be converted into water reservoir and remaining 2.6293 ha., area use for plantation. After presentation the committee asked to submit following details:

- Revised surface map showing setback of additional 50m towards human settlement towards South-East direction.
- Revised plantation scheme with commitment @ 5000 trees shall be planted by PP

PP has submitted the response of above quarries same date vide letter dated 29.02.2020, 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 26,600 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 29.91 Lakh as capital and Rs. 4.65 Lakh/year and under CER Rs. 1.88 Lakh/ year has proposed.
3. PP shall maintain the setback of 50 meters of area as non-mining towards human settlement at South-East direction.

16. Case No 6835/2020 Shri Mehtab Singh Mourya S/o Shri Gadiya Mourya, Village - Borjhiri, Tehsil - Manawar, Dist. Dhar, MP – 454001 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (7,600 cum per annum) (Khasra No. 230/1), Village - Pipalya, 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. 230/1), Village - Pipalya, 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. 2597 dated: 26/12/2019 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine total area of 4.00 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, it was recorded that this lease area is undulating hilly land having elevations from MRL 208 to 202m & having slope from NE to SW direction. Further 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
Natural drain	>120	North-East	Provision of Garland drain & settling tanks.
Dam	>170	East	-

PP further submits that mining of 2.000Hectare will be undertaken using bench method. All mining operations will be undertaken by Semi-mechanized method by deploying machineries i.e. JCB,(3dx), 1no Poclain (Hyundai), 1 nos dumpers Etc. Controlled blasting with arrangements of sand bags. All the blasting operations will be carried out by the license holder/authorized person of the company. Mining progression (year wise) will be from west to east. 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) as per the latest O.M 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 16/01/2020 and traffic awareness camp and nearest school maintainenece as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 29.02.2020, 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 7,600 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.82 Lakh as capital and Rs. 2.93 Lakh/year and under CER Rs. 0.52 Lakh/ year has proposed.

17. 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).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 249), Village - Churiyari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.50 ha project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in the 420th SEAC meeting dated 27/01/2020 wherein during presentation as per Google image based on coordinates provided by PP committee observed that some part of the QL area is mined out as a pit can be seen. PP submitted that this mining was done under Pradhan Mantri Gramin Sadak Yojna for road construction and this work was done in the year 2016-17. Committee after deliberation decided that site visit may be carried out to ascertain any violation has done than after this case may be appraised.

In 424th SEAC meeting dated 12/02/2020 site visit report were discussed before committee.

During site visit it was observed that the site is located on hillock and a kachha road exists to approach the mine site. However, PP has to construct approx. 75-100 meters road to reach mine site for mineral evacuation. The site is approx. approximately 350 to 400 meters away from the pucca road and habitations on the western side of the lease. During site visit it was observed by the committee that mining activities were carried out on this site and a pit is in existence on the lease area on the southern side. PP submitted that this pit was created in the year 2016-17 for evacuation of soil and Murrum for road construction work under Pradhan Mantri Gramin Sadak Yojna and for proof produced a letter issued by Mr. Prabhu Dayal, Sarpanch Gram Panchayat- Churyari, Gaurihar, District Chhatarpur vide No. 10 dated 25/01/2020 stating that this evacuation was done by the contractor for making road from Churyari to Kirathpurkala in the year 2016-17 under Pradhan Mantri Gram Sadak Yojna. (Annexure-2) During site visit the Sarpanch and villagers were also called by the committee for confirmation of the statement made by the PP and a Panchnama was also made signed by all who present during site visit. (Annexure-3) From the statement of Sarpanch and villagers it appears that the lease was excavated under Pradhan Mantri Gramin Sadak Yojna in the year 2016-17 and later on this lease was sanctioned to the present PP in the year 2018.

After site visit, committee asked PP to revised submit surface map showing the details of existing pit (with size & depth) and volume of mineral excavated from this lease for further consideration of this project.

As per site visit report this case was placed before committee for presentation and discussion. Committee after deliberation recommended that PP shall submit following details:

- 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 and traffic awareness camp.
- Revised plantation species as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 29.02.2020, 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 42,208 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.67 Lakh as capital and Rs. 4.09 Lakh/year and under CER Rs. 0.90 Lakh/ year has proposed.

18. Case No 6845/2020 Smt. Ravindra Arora W/o Shri Kuldip Arora, 42/4, Nai Abadi, Dist. Mandsaur, MP – 458001 Prior Environment Clearance for Shale Stone Quarry in an area of 3.00 ha. (3,000 MT per annum) (Khasra No. 4/1), Village - Gujarda, Tehsil - Mandsaur, 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. 4/1), Village - Gujarda, Tehsil - Mandsaur, Dist. Mandsaur (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 Collector Office letter No. 956 dated: 03/06/2019 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, it was recorded that this lease area is topographically of flat & moderate hill terrain. Highest elevation area 485 m in SE direction and lowest 481 m MRL in SW direction. Further 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	25	South	Setback of 25m shall be maintained in lease from road side.
Windmill	200	North	Setback of additional 50m (by maintaining 250m as per MMR 1996) shall be maintained in lease from windmill.

The case was presented by the PP and their consultant wherein during presentation and discussion it was observed as per the Google image that is at a pucca road is at a distance of approximately 25 meters towards south hence setback of 25m shall be maintained in lease from road side (by maintaining minimum 50m of area as non-mining zone from road side as per MMR 1996) and a windmill is at a distance of approximately 200 meters from lease towards North side, hence setback of additional 50m (by maintaining 250m of area as non-mining zone from windmill) shall be maintained. By considering this sensitivity and leaving setback as non-mining area no sufficient area is available for mining activity. Hence after detailed discussion committee recommends that in this situation, this case cannot be considered for grant of EC and case file be sent to SEIAA for further necessary action.

19. Case No 6847/2020 Shri Rajesh Mishra S/o Shri K.P.Mishra, Prabhu Narayan Nagar, Dist. Dewas, MP – 484661 Prior Environment Clearance for Stone Quarry in an area of 1.191 ha. (10,000 cum per annum) (Khasra No. 319, 320), Village - Banka, Tehsil - Chandia, Dist. Umaria (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 319, 320), Village - Banka, Tehsil - Chandia, Dist. Umaria (MP) 1.191 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 letter No. 174 dated: 28/08/2017 has reported that there are 02

more mines operating or proposed within 500 meters around the said mine total area of 4.191 ha., including this mine.

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

Sr. No	Sensitive Feature	Approximate aerial distance from the lease area in meters	Direction	Remarks.
1.	Pucca road	>110	South	-
2.	Pucca road	>75	North	Controlled blasting with arrangements of sand bags and three rows of plantation in this side.

During presentation it was observed that Bandhavgarh Tiger Reserve Umariya is at a distance of 3.08 km from core zone of ESZ, for which it was submitted by PP that the site lies outside of ESZ (Notified ESZ of Bandhavgarh Tiger Reserve 2 kms as per S.O.4027 (E) Dec 2014) of Bandhavgarh Tiger Reserve.

Mining of 1.191 hectare will be undertaken using bench method. 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. Controlled blasting with arrangements of sand bags. All the blasting operations will be carried out by the license holder/authorized person of the company. During appraisal it was also observed by the committee that a pucca road is in existence on the northern side of the lease at 75 meters distance. After presentation the committee asked to submit following details:

- Revised CER by adding funds for maintenance of grazing land of nearest reserved land as per latest O.M dated 16/01/2020 and traffic awareness camp.

PP has submitted the response of above quarries same date vide letter dated 29.02.2020, 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 10,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.23 Lakh as capital and Rs. 2.19 Lakh/year and under CER Rs. 0.60 Lakh/ year has proposed.

20. Case No 6848/2020 Shri Aman Patel S/o Shri Mahesh Patel, Richariya Kadam, Tehsil - Nasrullaganj, Dist. Sehore, MP – 466111 Prior Environment Clearance for Stone Quarry in an area of 3.60 ha. (30,000 cum per annum) (Khasra No. 39), Village - Kankariya, Tehsil - Khategaon, Dist. Dewas (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 39), Village - Kankariya, Tehsil - Khategaon, Dist. Dewas (MP) 3.60 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 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. 1258 dated: 18/07/2018 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine total area of 4.60 ha., including this mine.

Proposed method of mining and blasting details –

- Opencast Semi Mechanized Method - Drill using jack hammer, - Subsequent blasting, - Loading manually and - Transportation by tipper
- Drilling of blast hole will be done on 1 x 1 m. x 0.8 m pattern where one meter each is the spacing and burden and 0.8 m. is the depth of the hole.
- About 250 gm of explosive would be charged in each hole.
- The blasting will be done in single row and about 6m. Holes will be blasted at a time.
- The blasting will be done in sequence maintaining some delay in subsequent shots.
- All the necessary precautions such as hoisting of red flags at a safe distance alarming the people by whistling and shouting and removing them to safe distance would be taken before blasting.
- The blasting operations will be done by a qualified blaster.

During presentation as per Google image based on coordinates provided by PP, it was observed by committee that a lease is already excavated an old pit seems to be exists within lease for

which PP submits that this lease is allotted to him in this condition & the same is shown by PP in surface map. Within 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha road	05	North-East	<ul style="list-style-type: none"> Setback of 05 meters shall be maintained. Three rows of Plantation in this side.
Road	>110	South	-

Mining of 3.60 hect., will be undertaken using bench method. All mining operations will be undertaken by Semi-Mechanized Method by deploying machineries i.e. 1no.-JCB (3dx), 1no Pocklane (Hyundai), 47no., dumpers (TATA) etc. Drilling will also be undertaken with the help of Tractor Mounted Compressor & Jack Hammer. (01) Loaders will be deployed for loading purpose. Control Muffle blasting will be carried out by keeping sand filled bag as on wire net placed on holes. After presentation the committee asked to submit following details:

- Copy of land agreement shall be submitted by PP.
- Setback of 05 meters marked on surface map.

PP has submitted the response of above quarries same date vide letter dated 29.02.2020, 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 – 30,000 cum per annum, Stone – 1,88,160 cum per annum
2. A budgetary provision for Environmental management Plan of Rs. 08.41 Lakh as capital and Rs. 2.07 Lakh/year and under CER Rs. 0.80 Lakh has proposed.

21. Case No 6849/2020 Shri Dheeraj Kumar Jaat S/o Shri Jagdish Kumar Jaat, 85K, MP 1 to 178, Station Ward No. 3, Timarni, Dist. Harda, MP – 461331 Prior Environment Clearance for Stone Quarry in an area of 3.906 ha. (40,000 cum per annum) (Khasra No. 109, 110), Village - Dhanwada, Tehsil - Khirkiya, Dist. Harda (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 109, 110), Village - Dhanwada, Tehsil - Khirkiya, Dist. Harda (MP) 3.906 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. 2342 dated: 26/02/2019 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine total area of 25.861 ha., including this mine.

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

22. Case No 6846/2020 Shri Sadik Khan S/o Shri Shabbir Khan, Village - Sala, Post - Khalghat, Dist. Dhar, MP – 451228 Prior Environment Clearance for Murrum Quarry in an area of 2.00 ha. (5,000 cum per annum) (Khasra No. 234), Village - Balkhad, Tehsil - Kasrawad, Dist. Khargone (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 234), Village - Balkhad, Tehsil - Kasrawad, Dist. Khargone (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 Ekal Praman-Patr (Collector Office) letter No. 3373 dated: 01/10/2018 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.00 ha., including this 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
Kachcha road	>40	North	<ul style="list-style-type: none"> • Three rows of Plantation in this side. • No blasting proposed.
Nallah	>250	South	Provision of Garland drain & settling tanks.

PP further submits that since it is a Murrum quarry, no drilling & blasting is proposed. All mining operations will be done by Manually & Semi-Mechanized method with bench method. Mining progression (year wise) will be from north to south, whereas mine face will be east to west. 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 EMP by adding proposal for grazing land as per latest O.M dated 16/01/2020.

PP has submitted the response of above quarries same date vide letter dated 29.02.2020, 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 Murrum 5,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 3.88 Lakh as capital and Rs. 1.61 Lakh/year and under CER Rs. 0.20 Lakh/ year has proposed.

23. Case No 6844/2020 Shri Vinod Patidar S/o Shri Dhartilal Patidar, Manawar, Tehsil - Manawar, Dist. Dhar, MP – 454446 Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (28,500 cum per annum) (Khasra No. 01), Village - Nigrani, 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. 01), Village - Nigrani, Tehsil - Manawar, Dist. Dhar (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. 378 dated: 27/02/2018 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine total area of 5.00 ha., including this mine.

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

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

24. Case No. – 6277/2019 M/s Vidushi Stone Crusher, R/o 6-22, Shalimar 7Garden, Hoshangabad Road, Dist. Bhopal, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 2.003 ha. (14,300 cum per annum) (Khasra No. 14P), Village - Pipliyagoli, Tehsil - Gauharganj, Dist. Raisen (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 14P), Village - Pipliyagoli, Tehsil - Gauharganj, Dist. Raisen (MP) 2.003 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. 1307 dated: 07/10/15 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was presented before committee in 375th SEAC meeting dated 29/06/2019. During presentation, it was observed through DFO certificate dated 18/12/2015 that the lease is within the ESZ of Ratapani Abhayaran. However, PP stated that the lease area is 1.2 KM from the Ratapani Wildlife Sanctuary. In this context committee asked PP, to submit fresh certificate from the DFO regarding exact distance of lease area to the ESZ of the Ratapani Wildlife Sanctuary w.r.t. sanctuary, notified by the MoEF&CC vide S.O. 2605 (E), dated 11th August, 2017. During presentation it was further observed by committee that the lease area is already excavated for which PP submitted that this is pre excavation pit and they have also shown the same in the mine plan as 30,000 cum stone is excavated from this lease previously before allotment to them. 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
Pakka road	>205	SW	-
Settlement	>300 & >335	West & south	Three rows of plantation

After presentation the committee asked to submit following details:

- Fresh certificate from the DFO regarding exact distance of lease area to the ESZ of the Ratapani Wildlife Sanctuary w.r.t. MoEF&CC vide S.O. 2605 (E), dated 11th August, 2017.
- Revised CER as suggested by the committee for various school activities.
- DSR approval letter.

PP has submitted the response of above quarries same date vide letter dated 22.02.2020, which was placed before the committee wherein committee observed that DFO vide letter dated 18/02/20 has informed that the lease is outside of the eco sensitive zone of Ratapani Abhayaran 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 14,300 cum per annum.

2. A budgetary provision for Environmental management Plan of Rs. 6.98 Lakh as capital and Rs. 2.11 Lakh/year and under CER Rs. 1.42 Lakh/ year has proposed.

25. Case No 6751/2020 Shri Gajendra Singh Yadav S/o Shri Hargovind Yadav, R/o Kodra Bijori, P 33 PAC, Tahgarh Bijoli, Tehsil & Dist. Jhansi, UP – 472246 Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (1,08,909 cum per annum) (Khasra No. 315/8), Village - Pathari, Tehsil - Orcha, 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. 315/8), Village - Pathari, Tehsil - Orcha, 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 573 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 presented by the PP and their consultant in 420th SEAC meeting dated 27/01/2020, the PP stated that the lease area is 04.0 KM away from the Orchha Wildlife Sanctuary (ESZ) as per DFO letter vide no. 2169 dated 22.05.2018. In this context notification of Orchha Wildlife Sanctuary, Tikamgarh notified vide no. S.O.35 (E) 03.01.2018 also confirmed extent of the ESZ that are varying from 02 KM periphery of Orchha Wildlife Sanctuary, except at residential area of Orchha town (100 meters periphery).

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
Kachcha Road	within the lease	-	PP said that this kachha road is ending in their lease and no further is progressing outside the lease.
Settlement	>110	North-West	Protection plan controlled blasting with arrangements of sand bags and three rows of plantation in this side.

After presentation the committee asked PP to submit following details:

1. Commitment of PP to carryout transportation through 40 MT truck load capacity to minimize the number of trips.
2. Re-assess the number of trips/day with 40 MT loading capacity.
3. Commitment of PP for providing pucca evacuation route to carry 40 MT truck load considering the production vary high capacity with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides.
4. Commensurate budget for evacuation route shall be provided in the EMP.
5. Commitment of PP that no evacuation shall be carried out from the village side.
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 provided with Commensurate budget in EMP.
7. 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) and revised maintenance cost, plantation numbers etc.
8. 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 25.02.2020, 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 1,08,909 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 21.96 Lakh as capital and Rs. 3.18 Lakh/year and under CER Rs. 1.25 Lakh/ year has proposed.

26. Corrigendum in Case No. – 6168/2019 Shri Sanjay Khandelwal, Village - Balwarikalan, Tehsil - Gandhawani, Dist. Dhar, MP Prior Environment Clearance for Limestone Mine in an area of 4.90 ha. (57,475 tonnes per annum) (Khasra No. 1), Village - Balwarikalan, Tehsil - Gandhawani, Dist. Dhar (MP).

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1), Village - Balwarikalan, Tehsil - Gandhawani,

Dist. Dhar (MP). 4.90 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1840 dated: 22/8/2017 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant in 371st SEAC meeting dated 21/05/2019 wherein ToR was recommended. TOR was issued to the PP vide letter no 390 dated 17/06/2019.

PP vide letter dated 25/02/2020 has requested to correct the name of village as Gandhawani in TOR to Balwarikalan as per the Form-II and the case was placed before the committee. The committee observed that PP has mentioned the name of village as Balwarikalan in the relevant correspondence and forms however in TOR letter issued to the PP the village - Gandhawani & Tehsil - Dhar name is mentioned which is a typographical error. Committee after deliberations recommends that the name of village may be changed to Balwarikalan & Tehsil name as Gandhawani and other conditions remain unchanged as recommended in 371st SEAC meeting dated 21/05/2019.

27. Discussion based on “ Enforcement & Monitoring Guidelines for Sand Mining”

It was brought to the notice of the committee that Ministry of Environment, Forest and Climate Change has recently published “ Enforcement & Monitoring Guidelines for Sand Mining”, in January, 2020 and soft copies of above guidelines were made available to the committee members for perusal and necessary action. The objectives of these guidelines are as follows:

- Identification and Quantification of Mineral Resource and its optimal utilization.
- To regulate the Sand & Gravel Mining in the Country since its identification to its final end-use by the consumers and the general public.
- Use of IT-enabled services & latest technologies for surveillance of the sand mining at each step.
- Reduction in demand & supply gaps.
- Setting up the procedure for replenishment study of Sand.
- Post Environmental Clearance Monitoring.
- Procedure for Environmental Audit.
- To control the instance of illegal mining.

Committee discussed that earlier Ministry of Environment Forest & Climate Change has published “The Sustainable Sand Management Guidelines, 2016” which focuses on the Management of Sand Mining in the Country. Further, it is stated that this document is supplemental to the existing “Sustainable Sand Mining Management Guideline, 2016” and these two guidelines viz. “Enforcement & Monitoring Guidelines for Sand Mining” and “Sustainable Sand Management Guidelines, 2016” shall be read and implemented in sync with each other. In case, any ambiguity or variation between the provisions of both these document arises, the provision made in “Enforcement & Monitoring Guidelines for Sand Mining, 2020 “shall prevail.

Committee deliberated that in this recent guideline comprehensive instructions has been given for Prepration of District Survey Report, Grant of Letter of Intent to those mining leases which are falling in potential mining zone, Prepration of Mining Plan, Prepration Replanishment Plan, Physical of survey of mining lease, Post environmental monitoring, Environmental Audit, Approach to sustainable sand mining, Monitoring Mechanism etc with necessary formats. Committee after deliberations recommends that SEIAA may be requested to send a copy of these guidelines to the mining department and other concerned departments for its compliances.

(Dr. Sonal Mehta)
Member

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
Member

(Dr. Anil Sharma)
Member

(R.S.Kori)
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.
22. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

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.
25. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

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.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

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 and Heavy Metals shall be analyzed in all soil samples.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

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.

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