

The 378<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 03<sup>rd</sup> July, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

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

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

1. **Case No. - 5743/2018 M/s Satya Infrastructures Ltd, Through Mr. Mayank Pathak, Director 34, Babar Lane, Bengali Market, New Delhi – 110001. Prior Environment Clearance for Proposed Residential Development (Total Plot Area = 4,42,890 sqm, Net Planning Area = 4,37,915 sqm, Built up Area = 1,48,895.85 sqmt.) at Village - Raukhedi, Tehsil – Sanwer, Distt. - Indore, (M.P.) Category: 8 (a) Building & Construction Project. ENV Developmental Assistance Systems Pvt. Ltd, Lucknow (U.P.).**

This is case of Proposed Residential Construction Project (Total Plot Area = 4,42,890 sqm, Net Planning Area = 4,37,915 sqm, Built up Area = 1,48,895.85 sqmt.) at Village - Raukhedi, Tehsil – Sanwer, Distt. - Indore, (M.P.). Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 331<sup>st</sup> SEAC meeting dated 25/10/2018, wherein PP and their consultant were present. PP has submitted the following details of this project:

**Salient features of the project:**

Particulars	Details
Location	Village Raukhedi, Tehsil Sanwer, Distt, Indore, Madhya Pradesh
Coordinates	22°49'32.69"N; 75°56'37.80"E
Type of Industry	Building & Large Construction project
Category	A, Type- 8(a) Under violation cases as per notification on 14.03.2017.
Current status of land Use	Residential Land use as per Indore Master Plan, 2021
Type of facilities	Residential, Commercial, Parks, Club House, Primary School & Lush green open spaces
Nearest Road Connectivity	NH 3- Agra Mumbai Road- Adjacent (W) SH-27-9 km (W)

	M.R 10: 9 km (SW)
Nearest railway station	Barlai Railway station - 8 km (NE)
Nearest airport	Devi Ahliyabai Holkar Airport: 18 km (SW)
Protected areas as per Wildlife Protection Act, 1972 (Tiger reserve, Elephant reserve, Biospheres, National parks, Wildlife sanctuaries, community reserves and conservation reserves)	Rala Mandal Sanctuary: 20 km (SW)
Reserved/Protected Forests	▪ Ralamandal- Devgurariya forest: 20 km (SW)
Rivers/Lakes	▪ River Khan: 4.5 km (W) ▪ River Shipra: 7 km (NE) ▪ Bilawali lake: 20 km (SW)
Industrial Area	▪ Sanwer Road Industrial Area: 20 KM (NW)
STP/ Landfill site	▪ Kabir Khedi STP: 10 km (SW) ▪ Landfill site Indore: 17 km (S)
Archaeological important places	Krishnapura Chhatris, Lalbaug Palace, Khajrana Temple, Rajwada, Annapurna Temple, Geeta Bhavan, Kanch Mandir & Bada Ganpati lie within 15 km from proposed site.
Seismic zone	Seismic Zone II
Defense installations	Indore Cantonment Area: 14 km* (SW)

### Area Statement details

S.NO	Particulars	Total Area(m <sup>2</sup> )
1	Total land area	4,42,890
2	Area Under Road	4,975
3	<b>Net Planning Area</b>	<b>4,37,915</b>
4	Total green area	1,52,956 (@35.18%)
5	<b>Land use</b>	
<b>A</b>	<b>Area for Plotted Development</b>	<b>86,370.89</b>
<b>B</b>	<b>Group housing: (block A,B,C1, C2, E,&amp; F)</b>	<b>18,873.0</b>
	➤ Permissible FAR (1.5)	28,309.5
	➤ Proposed FAR (1.49)	28,131
	➤ Services	10,696.5
<b>C</b>	<b>Group housing: (block C3, D)</b>	<b>1,330.74</b>
	➤ Permissible FAR (1.5)	1,996.11
	➤ Proposed FAR (1.37)	1,823.11
	➤ Services	605.48
<b>D</b>	<b>Row housing area (Malwa Jewels)</b>	<b>3,381.37</b>
	➤ Permissible FAR (1.5)	5,072.06

	➤ Proposed FAR (1.365 )	3,836.12
<b>E</b>	<b>Space for E.W.S</b>	<b>10,372.0</b>
	➤ Permissible FAR 1.3	13,483.6
	➤ Proposed FAR 1.01	10475.72
<b>F</b>	<b>Club house area</b>	<b>4,375.0</b>
	➤ FAR Permissible (1)	4,375.0
	➤ Proposed FAR ((0.37)	1621.03
	➤ Services	661.14
<b>G</b>	<b>Primary school</b>	<b>5,854.0</b>
	➤ FAR Permissible 1.5	8,781.0
	➤ FAR Consumed 1.2	7,024.8
<b>H</b>	<b>Local shop and milk parlor</b>	<b>2,093.0</b>
	➤ Permissible FAR 1.5	3,139.5
	➤ Proposed FAR 1.5	3,139.5
<b>I</b>	<b>Commercial area</b>	<b>46,965.00</b>
	➤ Permissible FAR 1.5	70447.5
	➤ Proposed FAR 1.45	68099.25
<b>J</b>	<b>Nursing home area</b>	<b>2,486.00</b>
	➤ Permissible FAR 1.5	2,486.00
	➤ Proposed FAR 1.4	3,729.00
6	Over head water tank area	778
7	Space for M.P.S.E.B.	1150
8	Stilt area	9,053.20
9	Road area	100930
10	Total proposed FAR	1,27,879.53
11	Total Non-FAR	21,016.32
12	<b>Total Built-up area</b>	<b>1,48,895.85</b>
<b>Water/Waste Water Details</b>		
Fresh Water		698 KLD
Flushing		279 KLD
Horticulture / Landscape		460 KLD
Other low end uses		14 KLD
<b>Total Water Requirement</b>		<b>1451KLD</b>
<b>Source of water</b> - Groundwater till municipal supply is available		
Waste water - 928 KLD		
STP Capacity - 1100 KLD		

**Population Details:**

S.No.	Unit Type	Area/Unit	PPU	Total Population
1.	Plots	963 DU	5	4,815
	Flats	460 DU	5	2,300
	Row House	29 DU	5	145
	EWS	351 DU	5	1,755
	Staff	-	-	450
	Visitor	-	-	902
2.	Club House • Staff • Visitor	4375 sq.m.	(@10m <sup>2</sup> /person)	437
3.	Primary School Staff Students	5845sq.m	(@10m <sup>2</sup> /person)	585
4.	Commercial Area Staff Visitors	46,965 Sq.m	(@10m <sup>2</sup> /person)	4697
5.	Nursing Home	20 Bed		-
	In Patient			20
	Out Patient			30
	Visitor			25
	Staff			28
6.	Local Shop and Milk Parlor	2093 Sq.m	(@10m <sup>2</sup> /person)	209
<b>Grand Total</b>				<b>16,398</b>

This case was presented by the PP and their consultant wherein it was recorded that it is a case of violation. After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8<sup>th</sup> March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Committee recommended to issue additional TOR in 331<sup>st</sup> SEAC meeting dated 25/10/2018 as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage).
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PM2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic

benefits derived due to violation.

15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

PP has submitted the EIA report vide letter dated 13/05/2019 which was forwarded through SEIAA vide letter no.-708 dated 20/05/2019.

EIA was presented by PP and their consultant. After presentation and discussions it was observed by the committee that the remediations plan and natural community resource augmentation plan submitted by PP needs to be revised as follows:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. An undertaking that
  - i. The area is developed as per the approved master plan.
  - ii. No tree cutting was carried out during execution of this project.
  - iii. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.
  - iv. No issue pertaining to R&R and land ownership is pending.
  - v. Commitment of PP regarding no tree felling is being done for construction activity.
  - vi. No GW was extracted during construction & operation of project.
  - vii. During construction phase RMC was used with its documentary evidence (bills copy to be annexed).
  - viii. Entire top soil was used for plantation & land scape development and no top soil was wasted.
  - ix. No DG sets were used during construction phase along with electricity bills.
3. Utilization- wise Land Use details as per approved T& CP approved layout.
4. Proposed Energy conservation plan.
5. Copy of fire and CGWB NOC.
6. Map showing natural drainage all around the site.
7. Revised CER and it should be proportionate with the project cost as per O.M dated 01/05/2018.
8. CA audited report of all these expenditure made.

9. Records of occupational health check-up during construction shall be provided.
10. RWH details in separate sheet shall be submitted.
11. Inventory of trees with species and number that have been planted till date with photographs.
12. Justification for no remedial plan for air and noise during construction phase.
13. Proposal for solar power in the project.
14. Contour map of the project site with depiction on map that the storm/natural water of surrounding area is flowing according to surface topography.
15. STP's status (1 of STP's 700 KLD and 2 of 400 KLD) with photographic proofs.
16. Photographs of the first-aid facility, lightning arrester at mine site during construction phase.

**2. Case No. - 6321/2019 Smt. Manjula Jain W/o Shri Sanjay Jain, 168, Main Post Office Near Kila Road, Dist. Bhind, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (85,035 cum per annum) (Khasra No. 3619/3), Village - Bilaua, Tehsil - Dabra, Dist. Gwalior (MP). EIA Consultant: Green Circle INC, Vadodara.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3619/3), Village - Bilaua, Tehsil - Dabra, Dist. Gwalior (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. QL-58 dated: 29/12/14 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 11.625 ha., including this mine.

<b>Project Proponent</b>	Smt. Manjula Jain, W/O Shri Sanjay Jain Village: Bilaua, Tehsil: Dabra , District: Gwalior (M.P.)
Project Name	Bilaua Stone Quarry
Location	Khasra No.- 3619/3, Area- 2.0 Hect. Village : Bilaua, Tehsil: Dabra , District: Gwalior(M.P.)

Latitude & Longitude	26° 2'53.83"N 78°18'15.02"E 26° 2'53.91"N 78°18'21.36"E 26° 2'50.20"N 78°18'21.36"E 26° 2'50.20"N 78°18'15.00"E
New/ existing / Renewal mine/Lease Period	Existing Increase in production capacity from 15,894m <sup>3</sup> Per Year to Max 85,035 m <sup>3</sup>
Life of Mines	Approx. 9 years @ 85,035 m <sup>3</sup> /year
Reserve Depth & Total Geological Reserve-Stone	47 m BGL / 9,25,583 m <sup>3</sup>
Available Movable Reserve-Stone	730,218 m <sup>3</sup>
First Five Year Depth	36 m (BGL)
Water Requirement	4.0 KLD (Source: Tanker water/ mine pit water)
Manpower Requirement	40-45 Nos.

#### MINING RESERVE DETAILS

Sr. No.	Particulars	Details
1	Type of Mining	Stone Quarry
2	Method of mining	Open cast manual/Semi mechanized
3	Total Reserve	9,25,583 m <sup>3</sup>
4	Mineable Reserve	730,218m <sup>3</sup>
5	Proposed production	Max. 85,035 cum./year, Stone Quarry

The case was presented by the PP and their consultant, wherein it was recorded that this is a case of Expansion in production capacity from 15,894 to 85,035 m<sup>3</sup>. Committee after deliberations decided that being it's a case Stone Quarry with total area of 11.625 ha., including this mine. 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 05 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. Compliance of earlier EC conditions are to be annexed in final EIA report
2. Level of mechanization should be discussed in the EIA report.
3. Hydro geological study should be carried out if ground water intersection is proposed.
4. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
5. A list of all the mines located in the Billaua, Rafadpur and Chirpura cluster along with their lease area, lease period, existing production, proposed production as per approved mine plan, production for which the EC is desired ( Form 1), available minable reserve, proposed ultimate depth, post mining land use, details of crusher if located within the lease area, if crushing is done outside the lease area its location and details, details of any habitation, water body, road, school, or hospital or any other public place within 500 m of the cluster.
6. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry and other mines etc located within 5 km radius of the cluster.
7. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
8. Air pollution control measures adopted by each mine and crusher in the cluster.
9. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.
10. Ambient Air Quality Monitoring on following locations be conducted for one season (winter):-
  - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
  - (b) Two monitoring station one each at main evacuation road and Billaua village road.
  - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
  - (d) Three monitoring station within the cluster area near installed crushers.
  - (e) One monitoring station close to water body i.e. Udalpara Tal.
11. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.

12. Photography and Videography should also be done during collection of baseline data.
  13. Noise Monitoring on following locations be conducted for one season (winter):-
    - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
    - (b) Two monitoring station one each at Naktapata square and nearby water body.
    - (c) Three monitoring station within the cluster area near installed crushers.
  14. Discuss in EIA report the present scenario of OB management with locations of OB dump marked on map, measures taken for stabilization of dump, photographs of OB dump and proposed OB management plan for entire cluster.
  15. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
  16. 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.
  17. A drainage plan for entire cluster and surface run off management plan.
  18. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.
  19. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
  20. Public consultation be conducted as per EIA Notification, 2006.
  21. In addition to EMP for entire cluster in the EIA report a site specific EMP for each mine should also be prepared and submitted separately.
  22. Provide details of court cases/ litigations pending, if any.
3. **Case No. - 6318/2019 Shri Sardar Singh Gurjar, Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 1.00 ha. (42,923 cum per annum) (Khasra No. 147/2), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (MP). EIA Consultant: Green Circle INC, Vadodara.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 147/2), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. QL-75 dated: 27/03/19 has reported that there are 14 more mine operating or proposed within 500 meters around the said mine with total area of 28.131 ha., including this mine.

**PROJECT AT A GLANCE:**

<b>Project Proponent</b>	Shri Sardar Singh Gurjar, S/o. Shri Pratap Singh Gurjar, R/o- Rafadpur, District - Gwalior (M.P.)
Project Name	Rafadpur Stone Quarry of Shri Sardar Singh Gurjar
Location	Khasra NO.- 147/2, Village – Rafadpur Tehsil – Dabra, Dist. – Gwalior, Madhya Pradesh
Latitude & Longitude	A) 26° 2'25.63"N 78°18'55.60"E B) 26° 2'25.59"N 78°18'58.24"E C) 26° 2'20.92"N 78°18'57.98"E D) 26° 2'20.96"N 78°18'55.50"E
New/ existing / Renewal mine/Lease Period	Existing (2017 - 2027) /10 year
Life of Mines	Approx. 6 years @ 42,923 m <sup>3</sup> /year
Reserve Depth / Total Geological Reserve-Stone	15 m AGL & 20 m BGL / 3,50,000 m <sup>3</sup>
Available Movable Reserve-Stone	2,60,600 m <sup>3</sup>
Mine depth for 1st five years	13.5 m
Water Requirement	3.0 KLD (Source: Tanker water/ mine pit water)
Manpower Requirement	20 Nos.

**PROPOSED MINING RESERVE DETAIL:**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Details</b>
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1	Type of Mining	Stone Quarry
2	Method of mining	Open cast manual /mechanized
3	Total Reserve	3,50,000 m <sup>3</sup>
4	Mineable Reserve	2,60,600 m <sup>3</sup>
5	Proposed production	Max. 42,923 m <sup>3</sup> /year, Stone Quarry

Committee after deliberations decided that being it's a case Stone Quarry with total area of 28.131 ha., including this mine. 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 05 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. Level of mechanization should be discussed in the EIA report.
2. Hydro geological study should be carried out if ground water intersection is proposed.
3. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
4. A list of all the mines located in the Billaua, Rafadpur and Chirpura cluster along with their lease area, lease period, existing production, proposed production as per approved mine plan, production for which the EC is desired ( Form 1), available minable reserve, proposed ultimate depth, post mining land use, details of crusher if located within the lease area, if crushing is done outside the lease area its location and details, details of any habitation, water body, road, school, or hospital or any other public place within 500 m of the cluster.
5. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry and other mines etc located within 5 km radius of the cluster.
6. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
7. Air pollution control measures adopted by each mine and crusher in the cluster.
8. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.
9. Ambient Air Quality Monitoring on following locations be conducted for one season (winter):-
  - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.

- (b) Two monitoring station one each at main evacuation road and Billaua village road.
  - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
  - (d) Three monitoring station within the cluster area near installed crushers.
  - (e) One monitoring station close to water body i.e. Udalpara Tal.
10. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
  11. Photography and Videography should also be done during collection of baseline data.
  12. Noise Monitoring on following locations be conducted for one season (winter):-
    - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
    - (b) Two monitoring station one each at Naktapata square and nearby water body.
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  13. Discuss in EIA report the present scenario of OB management with locations of OB dump marked on map, measures taken for stabilization of dump, photographs of OB dump and proposed OB management plan for entire cluster.
  14. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
  15. 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.
  16. A drainage plan for entire cluster and surface run off management plan.
  17. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.
  18. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
  19. Public consultation be conducted as per EIA Notification, 2006.
  20. In addition to EMP for entire cluster in the EIA report a site specific EMP for each mine should also be prepared and submitted separately.
  21. Provide details of court cases/ litigations pending, if any.
4. **Case No. - 6322/2019 M/s Sai Minerals, Shri Sanjay Jain, CL 34, Deendayal Nagar, Dist. Gwalior, MP – 474020 Prior Environment Clearance for Stone Quarry in an area**

**of 2.00 ha. (85,034 cum per annum) (Khasra No. 3619/3), Village - Bilaua, Tehsil - Dabra, Dist. Gwalior (MP).EIA Consultant: Green Circle INC, Vadodara.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3619/3), Village - Bilaua, Tehsil - Dabra, Dist. Gwalior (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. QL-104 dated: 29/12/14 has reported that there are 05 more mine operating or proposed within 500 meters around the said mine with total area of 11.625 ha., including this mine.

**PROJECT AT A GLANCE:**

Project Proponent	M/S Sai Minerals Prop. Shri Sanjay Jain Village: Bilaua, Tehsil: Dabra , District: Gwalior (M.P.)
Project Name	Bilaua Stone Quarry
Location	Khasra No.- 3619/3, Area- 2.0 Hect. Village : Bilaua, Tehsil: Dabra , District: Gwalior(M.P.)
Latitude & Longitude	26° 2'58.93"N 78°18'14.72"E 26° 2'58.93"N 78°18'17.21"E 26° 2'56.75"N 78°18'18.23"E 26° 2'56.00"N 78°18'21.36"E 26° 2'53.91"N 78°18'21.36"E 26° 2'53.83"N 78°18'15.02"E
New/ existing / Renewal mine/Lease Period	Existing -Increase in production capacity from 15,894 m3 Per Year to Max 85,034 m3 Collector Sanctioned letter
Life of Mines	Approx. 7 years @ 85,034 m3/year
Reserve Depth & Total Geological Reserve-Stone	45 m BGL / 8,36,878 m3
Available Movable Reserve-Stone	5,90,384 m3

First Five Year Depth	30 m (BGL)
Water Requirement	4.0 KLD (Source: Tanker water/ mine pit water)
Manpower Requirement	40-45 Nos.

**MINING RESERVE DETAILS:**

Sr. No.	Particulars	Details
1	Type of Mining	Stone Quarry
2	Method of mining	Open cast manual/Semi mechanized
3	Total Reserve	8,36,878 m <sup>3</sup>
4	Mineable Reserve	5,90,384 m <sup>3</sup>
5	Proposed production	Max. 85,034 m <sup>3</sup> /year, Stone Quarry

The case was presented by the PP and their consultant, wherein it was recorded that this is a case of Expansion in production capacity from 15,894 to 85,034 m<sup>3</sup>. Committee after deliberations decided that being it's a case Stone Quarry in cluster with total area of 11.625 ha., including this mine. 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 05 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. Compliance of earlier EC conditions are to be annexed in final EIA report
2. Level of mechanization should be discussed in the EIA report.
3. Hydro geological study should be carried out if ground water intersection is proposed.
4. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
5. A list of all the mines located in the Billaua, Rafadpur and Chirpura cluster along with their lease area, lease period, existing production, proposed production as per approved mine plan, production for which the EC is desired ( Form 1), available minable reserve, proposed ultimate depth, post mining land use, details of crusher if located within the lease area, if crushing is done outside the lease area its location and details, details of any habitation, water body, road, school, or hospital or any other public place within 500 m of the cluster.
6. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry and other mines etc located within 5 km radius of the cluster.

7. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
8. Air pollution control measures adopted by each mine and crusher in the cluster.
9. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.
10. Ambient Air Quality Monitoring on following locations be conducted for one season (winter):-
  - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
  - (b) Two monitoring station one each at main evacuation road and Billaua village road.
  - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
  - (d) Three monitoring station within the cluster area near installed crushers.
  - (e) One monitoring station close to water body i.e. Udalpara Tal.
11. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
12. Photography and Videography should also be done during collection of baseline data.
13. Noise Monitoring on following locations be conducted for one season (winter):-
  - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
  - (b) Two monitoring station one each at Naktapata square and nearby water body.
  - (c) Three monitoring station within the cluster area near installed crushers.
14. Discuss in EIA report the present scenario of OB management with locations of OB dump marked on map, measures taken for stabilization of dump, photographs of OB dump and proposed OB management plan for entire cluster.
15. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
16. 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.
17. A drainage plan for entire cluster and surface run off management plan.
18. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining

can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.

19. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
20. Public consultation be conducted as per EIA Notification, 2006.
21. In addition to EMP for entire cluster in the EIA report a site specific EMP for each mine should also be prepared and submitted separately.
22. Provide details of court cases/ litigations pending, if any.

**5. Case No. - 6286/2019 M/s Jay Dau Baba Stone Industries, Shri Nishant Kumar Bhatt R/o Diwakar Complex, Anand Nagar Chouraha, Bahodapur, Dist. - Gwalior, (M.P.). Prior Environment Clearance for Stone Quarry in an area of 2.00 ha., Capacity – 75,000 cum per annum, at Khasra No. 2731/Min-1/2,2724/Min-1, Village - Biloua, Tehsil - Dabra, Dist. - Gwalior (M.P.)M/s Apex Mintech Consultants.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 2731/Min-1/2,2724/Min-1, Village - Biloua, Tehsil - Dabra, Dist. - Gwalior (M.P.) 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. QL-278 dated: 03/10/18 has reported that there are 02 more mine operating or proposed within 500 meters around the said mine with total area of 6.676 ha., including this mine.

**Salient features of the project:**

Village	Biloua
Tehsil	Dabra
District	Gwalior
State	Madhya Pradesh
Latitude	26°02'33.90"N to 26°02'42.06"N
Longitude	78°17'10.74"E to 78°17'19.42" E
Toposheet	54 J/8
Topography	Regionally the area has flat Topography. The RL'S of the highest and the lowest points in the area 241m and 240m AMSL respectively .

Distance from nearest town	Biloua situated at a distance of 6.0 Km from lease area.
Land status	Private land
Buffer Zone	Buffer zone has been considered as an area covering 10 km. radius from the periphery of lease areas.

The case was presented by the PP and their consultant wherein during presentation it was recorded as per the Google image that this area is already excavated for which PP submits that this pit is pre-existing and they have got the site in this condition. Committee after deliberations decided that being it's a case Stone Quarry in cluster with total area of 6.676 ha., including this mine. 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 05 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. Compliance of earlier EC conditions are to be annexed in final EIA report
2. Level of mechanization should be discussed in the EIA report.
3. Hydro geological study should be carried out if ground water intersection is proposed.
4. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
5. A list of all the mines located in the Billaua, Rafadpur and Chirpura cluster along with their lease area, lease period, existing production, proposed production as per approved mine plan, production for which the EC is desired ( Form 1), available minable reserve, proposed ultimate depth, post mining land use, details of crusher if located within the lease area, if crushing is done outside the lease area its location and details, details of any habitation, water body, road, school, or hospital or any other public place within 500 m of the cluster.
6. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry and other mines etc located within 5 km radius of the cluster.
7. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
8. Air pollution control measures adopted by each mine and crusher in the cluster.
9. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.

10. Ambient Air Quality Monitoring on following locations be conducted for one season (winter):-
  - (f) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
  - (g) Two monitoring station one each at main evacuation road and Billaua village road.
  - (h) Three monitoring station i.e. one at windward direction and two at leeward direction.
  - (i) Three monitoring station within the cluster area near installed crushers.
  - (j) One monitoring station close to water body i.e. Udalpara Tal.
11. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
12. Photography and Videography should also be done during collection of baseline data.
13. Noise Monitoring on following locations be conducted for one season (winter):-
  - (d) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
  - (e) Two monitoring station one each at Naktapata square and nearby water body.
  - (f) Three monitoring station within the cluster area near installed crushers.
14. Discuss in EIA report the present scenario of OB management with locations of OB dump marked on map, measures taken for stabilization of dump, photographs of OB dump and proposed OB management plan for entire cluster.
15. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
16. 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.
17. A drainage plan for entire cluster and surface run off management plan.
18. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.
19. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
20. Public consultation be conducted as per EIA Notification, 2006.
21. In addition to EMP for entire cluster in the EIA report a site specific EMP for each mine should also be prepared and submitted separately.
22. Provide details of court cases/ litigations pending, if any.

**6. Case No. - 6300/2019 M/s Maa Shitla Stones Pvt. Ltd, R/o Infront of Gwalior Tyres, Roshni Ghar Road, Dist. Gwalior, (M.P.). Prior Environment Clearance for Stone Quarry in an area of 1.988 ha., Capacity – 40,000 cum per annum, at Khasra No. 51, Village - Kheriya Mirtyu, Tehsil - Gwalior , Dist. - Gwalior (M.P.).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 51, Village - Kheriya Mirtyu, Tehsil - Gwalior Dist. - Gwalior (M.P.) 1.988 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. QL 34 dated: 29/09/18 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that DFO (year 2012) has stated that Son Chariya Abhayaran is within 10 kms of this mine. The DFO certificate was issued in the year 2012 and now the ESZ of Son Charuya Abhayaran is declared by the MoEF&CC. Thus committee asked PP to obtain revised certificate from DFO regarding distance of this lease from the ESZ of Son Charuya Abhayaran for further consideration of this project.

**7. Case No. - 6296/2019 M/s Garg Industries, R/o Sarawagi Mohalla Ward No. 4, Dist. - Sheopur, (M.P.) - 477001. Prior Environment Clearance for Soil Quarry in an area of 1.619 ha. Capacity – 2,000 cum per annum, at Khasra No. 1157/2, 1157/6, 1158), Village - Sai Kalan, Tehsil - Sheopur, Dist. - Sheopur (M.P.).**

This is case of Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 1157/2, 1157/6, 1158), Village - Sai Kalan, Tehsil - Sheopur, Dist. - Sheopur (M.P.) 1.619 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. 4718 dated: 05/10/18 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed that a canal is in existence at a distance of 55 meters and a river at 480 meters. After presentation PP was asked to submit:

1. Revised CER by replacing R.O water with simple filtered water.
2. Undertaking that depth will be restricted up to 2 meters as per the Brick Earth Notification dated 24/June/2013

PP has submitted the response of above quarries same date vide letter dated 03.07.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Soil Quarry 2,000 cum/annum.
2. Depth will be restricted up to 2 meters as per the MoEF&CC Notification dated 24/June/2013.
3. A budgetary provision for Environmental management Plan of Rs. 11.60 Lakh as capital and Rs 1.51 Lakh/year and under CSR Rs. 0.45 Lakh/years has proposed.

**8. Case No. - 6297/2019 Shri Jitendra Singh, R/o Village - Parouli, Tehsil & Dist. - Morena, (M.P.). Prior Environment Clearance for Flagstone Quarry in an area of 1.065 ha. Capacity – 4,000 cum per annum. at Khasra No. 109/1, 109/2, 112/7/4), Village - Parouli, Tehsil - Morena , Dist. - Morena (M.P.)**

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 109/1, 109/2, 112/7/4), Village - Parouli, Tehsil - Morena , Dist. - Morena (M.P.) 1.065 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. QL-6 dated: 27/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said.

The case was presented by the PP and their consultant wherein it was observed that a pucca road is in existence at a distance of 120 meters. After presentation the committee asked to submit following details:

- Revised Green belt as suggested by committee.
- Revised CER by replacing R.O water with simple filtered water.

PP has submitted the response of above quarries same date vide letter dated 03.07.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone Quarry 4,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.41 Lakh as capital and Rs 2.31 Lakh/year and under CER Rs. 1.50 Lakh/years has proposed.

**9. Case No. - 6316/2019 Shri Pramod Kaplish, H.No. 58-59, Shivalaya, Sankhedi, Kolar Road, Dist. Bhopal, MP – 462042 Prior Environment Clearance for Stone Quarry in an area of 1.570 ha. (5,979 cum per annum) (Khasra No. 90, 91, 92, 105/1/2, 106/1), Village - Sarvar, 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. 90, 91, 92, 105/1/2, 106/1), Village - Sarvar, Tehsil - Huzur, Dist. Bhopal (MP) 1.570 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. 476 dated: 22/10/18 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein as per Google image based on coordinates provided by PP, 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.	Trees (3 no.s)	With lease		No tree falling shall be done without permission

During presentation, following details were submitted by PP:

- Plantation is also recommended on both sides of the approach road with tree guards. A building in the north and a water bearing pit in the southeast, therefore 3 rows of plants will be grown along these sides to protect these structures from air pollution. Additionally 3 row plantation will be carried along the approach where it passes close to Beer factory in the west.
- Transportation through the densely populated area will be avoided.
- No explosives or hazardous material will be stored onsite.

After presentation the committee asked to submit following details:

- Revised Green belt as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 03.07.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Quarry 5,979 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.78 Lakh as capital and Rs 2.51 Lakh/year and under CER Rs. 0.50 Lakh/years has proposed.

**10. Case No. – 6332/2019 Shri Sachin Tiwari S/o Shri Raghunandan Tiwari, Khairi Singorgarh, Tehsil - Jabera, Dist. Damoh, MP – 470881 Prior Environment Clearance for Flagstone Quarry in an area of 1.00 ha. (500 cum per annum) (Khasra No. 512/1, 512/2), Village - Badguwan, Tehsil - Jabera, Dist. Damoh (MP).**

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 512/1, 512/2), Village - Badguwan, Tehsil - Jabera, Dist. Damoh (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 412 dated: 24/07/18 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, wherein following details were submitted by PP:

- All mining operations will be done by Manually & Semi-Mechanized Method with the help of ;1-tractor etc. Shorting, sizing & dressing will be done by labours by hand tools like hammers, Chisels, Spade, Bucket, etc.
- Drilling & Blasting may not be required.
- Soil/OB soil can be extracted with the help of tractor and mining can be done manually using bench method.

After presentation the committee asked to submit following details:

- Revised EMP by elimination VT as suggested during presentation.
- Revised Green belt as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 03.07.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone 500 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 3.82 Lakh as capital and Rs 1.68 Lakh/year and under CER Rs. 0.20 Lakh/years has proposed.

**11. Case No. - 6323/2019 Shri Subhash Pal S/o Shri Ramraj Pal, Dala Bazar, Dist. Sonbhadra, UP – 486886 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (25,086 cum per annum) (Khasra No. 1766, 1767, 1787), Village - Ramdiha, Tehsil - Chitrangi, Dist. Singrauli (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1766, 1767, 1787), Village - Ramdiha, Tehsil - Chitrangi, Dist. Singrauli (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 (Ekal Praman Patra) has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein as per Google image based on coordinates provided by PP, 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.	Trees (8 no.s)	With lease		Shall be uprooted after the approval of competent authority.
2.	Human settlement	60	East	Wind breaking wall of 3 m shall proposed
3.	Human settlement	60	North	Wind breaking wall of 3 m shall proposed

During presentation it was recorded that some houses are in existence approx. 60 meters away from the lease area, for which PP has submitted that these are isolated hutments and

even Tehsildar's vide letter no 2821 dated 03/10/2018 has mentioned that habitation is 120 meters away from the lease area. PP further submits that since hut/kaccha shelter for livestock located very close in the east-northeast, a wind breaking wall of 3 meters will be erected along these sides with following measures:

- Mining of 2.0 hect. will be undertaken using bench method.
- Mining progression (year wise) will be from south to north, whereas mine face will be east to west.
- It is not possible to reclaim the excavated pit fully by backfilling. So backfilling is not proposed. Generated waste/rejects from mineral will be used for making ramp, lease area road repairing.

After presentation the committee asked to submit following details:

- Revised EMP as suggested during presentation.
- Revised waste management details.

PP has submitted the response of above quarries same date vide letter dated 03.07.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation 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 Quarry 25,086 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.56 Lakh as capital and Rs 2.97 Lakh/year and under CSR Rs. 0.75 Lakh/years has proposed.

**12. Case No. - 6314/2019 Shri Gaurav Singh Baghel S/o SHri Rajendra Singh Baghel, 164, Navjeevan Vihar, Tehsil - Chitrangi, Dist. Singrauli, MP – 486882 Prior Environment Clearance for Stone Quarry in an area of 1.90 ha. (27,138 cum per annum) (Khasra No. 225/1/2, 225/1/3), Village - Piparwan, Tehsil - Chitrangi, Dist. Singrauli (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 225/1/2, 225/1/3), Village - Piparwan, Tehsil - Chitrangi, Dist. Singrauli (MP) 1.90 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 (Ekal Praman Patra) has reported that there are no more mine operating or proposed within 500 meters around the said mine.

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

<b>Sr. No</b>	<b>Sensitive Feature</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks.</b>
1.	Pucca road	100	North	-
2.	Natural drain	500	West	-
3.	Pit	70	West-East	-
4.	Trees	With lease		No tree falling shall be done without permission
5.	Houses	>160	South-West	-

During presentation PP submits that:

- Mining of 1.90 hect., will be undertaken using bench method.
- It is not possible to reclaim the excavated pit fully by backfilling. So backfilling is not proposed. Generated waste/rejects from mineral will be used for making ramp, lease area road repairing.
- Garland drain would be developed all along the dumps within the lease boundary.

After presentation the committee asked to submit following details:

- Revised EMP as suggested during presentation.
- Revised waste management details.
- Revised plantation details and inventory of trees as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 03.07.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence

committee after deliberation 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 Quarry 27,138 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.77 Lakh as capital and Rs 2.76 Lakh/year and under CSR Rs. 1.00 Lakh/years has proposed.

**13. Case No. – 6360/2019 Shri Jitendra Singh, Village - Basaii, Tehsil - Suvasara, Dist. Mandsaur, MP Prior Environment Clearance for Soil Quarry in an area of 1.70 ha. (3,500 cum per annum) (Khasra No. 2355), Village - Basaii, Tehsil - Suvasara, Dist. Mandsaur (MP).**

This is case of Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3500), Village - Basaii, Tehsil - Suvasara, Dist. Mandsaur (MP) 1.70 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. 3235 dated: 29/12/18 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 3.70 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, 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	120	East	-
2.	Natural drain	350	West	-
3.	Natural drain	230	South	-

After presentation PP was asked to submit:

1. Revised CER by replacing R.O water with simple filtered water.

2. Undertaking that depth will be restricted up to 2 meters as per the Brick Earth Notification dated 24/June/2013

PP has submitted the response of above quarries same date vide letter dated 03.07.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Soil Quarry 3,500 cum/annum.
2. Depth will be restricted up to 2 meters as per the MoEF&CC Notification dated 24/June/2013.
3. A budgetary provision for Environmental management Plan of Rs. 10.35 Lakh as capital and Rs 1.51 Lakh/year and under CSR Rs. 0.90 Lakh/years has proposed.

**14. Case No. – 6272/2019 M/s Adaypur Suppliers & Contractors, Shri Deependra Singh, Village - Adaypur, Post - Kamarjee, Tehsil - Churhat, Dist. Sidhi, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 1.350 ha. (24,990 cum per annum) (Khasra No. 29/1 Parts), Village - Harraha, Tehsil - Maunganj, Dist. Rewa (MP).**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 29/1 Parts), Village - Harraha, Tehsil - Maunganj, Dist. Rewa (MP) 1.350 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 238 dated: 23/01/19 has reported that there is 03 more mine operating or proposed within 500 meters around the said mine with total area of 4.659 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, 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.	Kachcha road	<10	South & East	10 meters setback
2.	Natural drain	180	North	-

During presentation PP submits that method of mining will be Open cast manual and mechanized method and rock will be loosened by drilling and blasting. Gunpowder or special gelatin is used for blasting. After presentation PP was asked to submit: DSR approval letter.

PP has submitted the response of above quarries same date vide letter dated 03.07.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Metal Stone Quarry 24,990 cum/annum.
2. A setback of 10 meters shall be left as non mining area due to kachha road on the south & east side of the lease.
3. A budgetary provision for Environmental management Plan of Rs. 7.58 Lakh as capital and Rs 2.65Lakh/year and under CSR Rs. 2.40 Lakh/years has proposed.

**15. Case No. – 6181/2019 Shri Prahalad Tiwari, Village - Kethi, Tehsil - Pawai, Dist. Panna, MP Prior Environment Clearance for Metal Stone Quarry in an area of 2.00 ha. (8,863 cum per annum) (Khasra No. 448 MN/1), Village - Jharkua, Tehsil - Amanganj, Dist. Panna (MP).**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 448 MN/1), Village - Jharkua, Tehsil - Amanganj, Dist. Panna (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. 338 dated: 27/02/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled in 371<sup>st</sup> SEAC meeting dated 21/05/2019 wherein neither the Project Proponent (PP) nor his authorized 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 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 PP and their consultant wherein it was observed that a settlement is in existence at a distance of >500 meters on SW side for which thick plantation shall be carried out. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Metal Stone Quarry 8,863 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.52 Lakh as capital and Rs 2.55Lakh/year and under CSR Rs. 1.12 Lakh/years has proposed.

**16. Case No. - 6264/2019 M/s Shreenath Ji Infrastructures, Shri Uday Prakash Tiwari, S/o Shri Shivdayal Tiwari, 31, Gulmohar Park, Rajendra Nagar, Dist. - Bareilly, (U.P.). Prior Environment Clearance for Crusher Stone Quarry in an area of 1.290 ha. Capacity – 45,864 cum per annum, at Khasra No. 23, 26, Village - Lakhanpura, Tehsil - Dabra, Dist.- Gwalior (M.P.).**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 23, 26, Village - Lakhanpura, Tehsil - Dabra, Dist.- Gwalior (M.P.) 1.290 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. 775 dated: 12/02/19 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 15.550 ha., including this mine.

The PP vide letter dated nil informed that due to some reasons they want to get their case rejected. Committee considered the request of PP and recommends that on the basis of PP's request case may be rejected and file may be sent to SEIAA for onward necessary action.

**17. Case No. - 6270/2019 Shri Satyaprakash Singh, Sarsai Ka Pura, Dist. Bhind, (M.P.) – 477001 Prior Environment Clearance for Sand Quarry in an area of 1.030 ha. Capacity – 29,220 cum per annum. at Khasra No. 118, 120, Village - Padhora, Tehsil - Raun, Dist.- Bhind (M.P.).**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 118, 120, Village - Padhora, Tehsil - Raun, Dist.- Bhind (M.P.) 1.030 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 126 dated: 27/04/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by PP and their consultant. Wherein PP stated that this is khodu bharu mine and this lease was obtained under temporary permit (TP) for two years period, method of mining will be open cast semi mechanized. After presentation PP was asked to submit revised EMP by adding cost road development and maintenance as suggested during presentation.

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

1. Production of Sand as per mine plan with quantity not exceeding 29,220 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.35 Lakh as capital and Rs 3.81 Lakh/year and under CSR Rs. 0.50 Lakh/years.

**(Dr. Mohd. Akram Khan)**  
**Member**

**(Dr. A.K. Sharma)**  
**Member**

**(Dr. Sonal Mehta)**  
**Member**

**(Dr. R. Maheshwari)**  
**Member**

**(Dr. J. P. Shukla)**  
**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. For soil queries, the maximum permitted depth is 02 meters.
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.

**Annexure- 'B'**

**Standard conditions applicable for the Sand Mine Quarries\***

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.

12. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

**Annexure- 'C'**

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.

5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

**Annexure- 'D'**

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

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report.
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.

**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.**

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