

The 355th meeting of the State Expert Appraisal Committee (SEAC) was held on 29th March, 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. R. Maheshwari, Member.

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

- 1. Case No. - 5690/2018 M/s Chugh Realty, 503, Chugh Realty, Scheme No. 54, Orbit Mall, Vijay Nagar, AB Road, Indore, (M.P.) – 452010 Prior Environment Clearance for Residential Project "Grande Exotica" (Total Plot Area: 26660 sqm, Net Planned Area: 26520.0 sqm, Built-up Area: 102251.3 sqm, Built-up Area Constructed : 93124.8 sqm) at Village - Bhicholi Mardana, Tehsil - Indore, Distt. - Indore, (M.P.) Cat. - 8(a) Building and Construction Projects.FoR – Building Construction.Env. Con. – Env. Con. – EQMS, Delhi.**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14th September 2006 and amended to the date) and requires environmental clearance on the basis of Form 1, Form 1A and Conceptual Plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. It's a case of Violation Project_ "Grande Exotica" (Total Plot Area: 26660 sqm, Net Planned Area: 26520.0 sqm, Built-up Area: 102251.3 sqm, Built-up Area Constructed: 93124.8 sqm) at Village - Bhicholi Mardana, Tehsil - Indore, Distt. - Indore, (M.P.).

This case was scheduled in 319th SEAC meeting dated 22/06/2018 wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation. During presentation, PP submitted following salient features of the project:

- 1. Name of the project & its location:**
Residential Project "Grande Exotica" at Khasra No. 84/3/4G, 84/3/5 KH, 84/3/4 GH, 84/3/5 K, 84/3/6, Village- Bhicholi Mardana, Tehsil & District- Indore, MP.
- 2. Name of the Company:** M/s Chugh Realty

Address: 503, Chugh Realty, Scheme No. 54, Orbit Mall, Vijay Nagar, A.B. Road, Indore, Madhya Pradesh **Tele No.:** 0731-4068855 **E-mail :** chughrealty@gmail.com

3. **Latitude and Longitude of the project:** 22°42'01.04"N & 75°55'19.40"E
4. **Project brief: Nature of proposal (new/expansion,):** New (violation)
5. **Total area: Total plot area of project is** 26660.0 m²
6. **Net Planned area:** 26520.0 m²
7. **Total Built up area of the project:** 1,02,251.3 m²
8. **Built up area constructed:** 93124.8 m²
9. **Land use:** Land use of the project site is residential as per the Master Plan of Indore, 2021. Initially land of the project site was agriculture and diversion was obtained for the land for establishment of group housing project
10. **Connectivity to the site:** Project site is well connected with rail and roads network. Godhra Highway i.e. National Highway-59, abuts the project site in North direction which is at the entrance of the project site.
11. **Water Requirement: Total water requirement for the project is approx. 266 KLD**
12. **Sewage Generation: 207 KLD**
13. **STP Capacity:** 270 KLD (For the project 270 KLD STP is required. 135 KLD STP is already operational at the site)
14. **Municipal waste generation:** During operation phase, it is estimated that approx. 975 kg per day is generated from project site.
15. **Cost of the project:** INR 111.76 Crores
16. **Whether the project is in Critically Polluted area:** No, Indore was declared as critically polluted area in March, 2010 and moratorium was imposed by MoEF&CC for consideration of projects for environment clearance in Indore. However moratorium was lifted in October, 2010.
17. **If the project is for EC under EIA Notification, 2006**
 - a) **For the first time appraisal by EAC:** Presentation to be held on 22.06.2018
 - (i) **Date of ToR:** Not Applicable
 - (ii) **Date of Public Hearing, location:** Not Applicable
 - (iii) **Major issues raised during PH and response of PP:** Not Applicable
 - b) **Second appraisal**
 - (i) **Date of first /earlier appraisal:** Not Applicable
 - (ii) **Details of the information sought by the EAC with the response of the PP:** Not Applicable

- 18. If the project involves diversion of forest land (i) extend of the forest land (ii) status of forest clearance.**

Not Applicable

- 19. If the project falls within 10 km of eco- sensitive area**

- (i) Name of eco- sensitive area and distance from the project site:**

Ralamandal Wild Life Sanctuary, however project site lies outside declared ESZ of the sanctuary (5.93 km, SW) Deoguradia Protected Forest (3.73 km, SE)

- (ii) Status of clearance from National Board for wild life: NA**

- 20. Waste Management**

- (iii) Water requirement:** Total water requirement for the proposed project is approx. 266 KLD, Total fresh water requirement for the project is approx. 174 KLD.

Source: Source of water during operation phase is private water tanker supply currently. Narmada water supply scheme is in proposal for establishment in area by Indore Municipal Corporation.

Status of clearance: Obtained

- (iv) Waste water quantity:** Sewage Generation 207 KLD

Treatment capacity: STP of 270 KLD

- (v) Recycling / reuse of treated water and disposal:** Flushing-72 KLD, Landscaping- 16 KLD, DG cooling- 4 KLD, Construction within site/nearby areas/Sewer- 74 KLD

- (vi) Solid Waste Management**

Collection and Segregation of waste

- a. Door to door collection system is provided for collection of domestic waste
- b. Local vendors are hired for waste collection, management and disposal
- c. Separate colored bins for dry recyclables and rejected waste are provided to residents as well as in common and open areas

Disposal

- a. Rejected fraction of the waste is collected and disposed by local agencies on daily basis and will be disposed at the locations designated by Indore Municipal Corporation.

- b. Recyclable waste and E-waste is sold to authorized vendors
- c. **Hazardous Waste Management:** Used oil from DG sets is sold to authorized vendors

21. Other details

(i) Noise modeling with noise control measures for airports: Not Applicable

(ii) Details of water bodies, impact on drainage if any: No impact on drainage is involved. Details of water bodies around the project site are given below:

- Pipliyahana Lake (1.41km, NW)
- Police Line lake (1.42 km, NW)
- Pipliyapala Lake (6.58 km, SW)
- Bilavali Lake (7.08 km, SW)
- Sirpur Lake (10.84 km, W)
- Saraswati River (7.5 km, W)

(vii) Details of tree cutting: Not Applicable

(viii) Energy conservation measures with estimated saving: Estimated saving estimated is 487.7 kVA. Effective measures have been incorporated to minimize the energy consumption in following manners:

- Energy efficient lifts installed at the site
- All the electrical fittings and lighting is 5 BEE star rated
- CFL/LED lights are used for internal lighting
- Solar lights are used for lighting in common area.
- Usage of low energy embodied locally available construction material. Usage of fly ash bricks, hollow bricks and fly ash mix cement for construction purpose. Usage of excavated soil and construction debris within the project site as filling material
- Green belt and greenery developed around the project periphery
- Usage of AAC blocks in building construction
- Painting wall with white/light color heat reflecting paint
- Common lights are shut down to 50% after 10:pm when traffic movement is drastically reduced

(v) Green belt development (20 % of construction projects and 33 % for others): Total green area measures 5260.93 m² i.e. 19.83 % of the net development area is planned to be kept under green cover.

(vi) Parking requirement with provision made:

Parking Required- 537 ECS as per MPBVN

Parking Provided: Basement Parking: 227 ECS

Stilt parking: 258 ECS

Open/Surface parking: 286 ECS

22. If the project involves foreshore facilities: Not Applicable

(i) Shoreline study: NA

(ii) Dredging details, disposal of dredge material: NA

(iii) Reclamation: NA

(iv) Cargo handling with dust control measures: NA

(v) Oil Spill Contingent Management Plan: NA

23. If the project involves Marine disposal (i) NOC from PCB in case of marine disposal (ii) details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters 9 (iii) location of intake / outfall. Quantity, (iv) detail of monitoring at outfall (v) Any other relevant information : Not Applicable

24. Other information:

(i) Investment/Cost of the project is INR 111.76 Crores

(ii) Employment potential: Direct Employment: 175

(iii) Benefits of the project: World Class residing facilities for people,

(iv) Employment Generation, Green area will be developed.

25. Date of Ground water clearance: NA

26. Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost.

27. EMP budget for Operational Phase (60% Incurred)

S. No.	Activity	Capacity/ Area/Nos./parameters	Capital Cost (Lacs)	Annual Recurring Cost (Lacs)
1.	STP	270 KLD	54	15
2.	Landscaping & planting trees	5260.93 sq m	10	4
3.	Solid waste Management	Municipal waste-975 kg/day	5	4
4.	RWH Pit Installation	8 pits	24	10
5.	Energy Saving	10.03 %	10	5

6.	Environmental Monitoring*	Air, water, soil and noise	2	4
Total			105	42

28. Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.

Approx. 333 trees have been planted at the site. Species planted at the site are palms, *Persea American*, *Photinia japonica*, *Pithocolobium saman*, *Psidium gujava*, *Polyalthia longifolia*, *Nyctanthus arborescens*, *Punica granatum* and *Nyctanthus arborescens*. Total green area measures 5260.93 m² i.e. 19.83 % of the net development area is planned to be kept under green cover.

29. Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.

Detail of water bodies has already been given in the point no. 12 (ii).

The PP further submitted that:

- Construction has been undertaken at the site in line with the approval obtained from T&CP MP for the project due to unawareness on applicability of EIA Notification, 2006.
- However on learning the applicability, application was submitted to SEIAA, MP for grant of environment clearance in year 2015.
- M/s Chug realty admitted about the construction carried out at the site in first SEAC meeting and SEAC then recommended the project back to SEIAA for appraising project as per MoEF&CC OM 12.12.2012.
- SEIAA however kept the project in abeyance due to issue of draft notification dated 10.05.2016 by MoEF&CC for violation cases.
- The project was then delisted by SEIAA; MP due to issue of final notification SO 804 (E) dated 14.03.2017 and advised us to approach MoEF&CC for grant of environment clearance for the project in accordance to the final notification.
- Application for grant of environment clearance was submitted to MoEF&CC as per MoEF&CC Notification 804 (E) dated 14.03.2017. Thereafter MoEF&CC has issued amendment SO 1030 dated 8th March, 2018 and has directed that Category B projects involving violation will be appraised at State Level and all the category B proposals will be transferred to SEIAA. In view of this MOEF&CC transferred our project to SEIAA, MP on 28th March, 2018.

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8th 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.

Hence committee recommended to issue additional TOR as per notification dated 08th 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, top sheet 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, PN_{2.5}, SO₂, NO_x & 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 11/02/2019 which was forwarded through SEIAA vide letter no. 2343 dated 21/02/2019

The case was scheduled for the presentation in 347th SEAC meeting dated 28/02/2019, 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 after hearing from PP.

In this meeting, this case was again scheduled for EIA 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 347th SEAC meeting dated 28/02/2019. 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.

2. **Case No. - 5720/2018 M/s Arms Real Estate Developers Pvt. Ltd, G1, Arms Majestic, 34-C, Scheme No. 78, Opposite Shalimar Township, AB Road, Indore, (M.P.) – 452010. Prior Environment Clearance for Residential High Rise Project "The Empress" (Total Plot Area = 9470 sqm, Built-up Area= 42010.04 sqm) at Village - Nipaniya, Tehsil - Indore, Distt. - Indore (M.P.) Cat. - 8(a) Building and Construction Projects. Env. Con. –EQMS India Pvt. Ltd., Delhi.**

This is case of Prior Environment Clearance for Residential High Rise Project "The Empress" (Total Plot Area = 9470 sqm, Built-up Area= 42010.04 sqm) at Village - Nipaniya, Tehsil - Indore, Distt. - Indore (M.P.) Cat. - 8(a) Building and Construction Projects.

This case was scheduled in 326th SEAC meeting dated 21/08/2018, wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation.

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8th 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.

Hence committee recommended to issue additional TOR as per notification dated 08th 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, top sheet 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, SO₂, NO_x & 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 11/02/2019 which was forwarded through SEIAA vide letter no. 2341 dated 21/02/2019

The case was scheduled for the EIA presentation in 348th SEAC meeting dated 01/03/2019, 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 of SEAC.

In this meeting, this case was again scheduled for EIA 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 348th SEAC meeting dated 01/03/2019. 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.

3. Case No.4761/15 Shri Naushad Bhagwagar, Partner, M/s The Central India Mining & Marketing Corporation (CIMMCO) R/o Gulab Rai Building, Opp. Nagar Nigam, District-Katni (MP)-483501. Prior Environment Clearance for Limestone & Dolomite Mine in an area of 4.13 ha. (40,000 TPA) at Khasra No.-418/1, 418/2, 418/3, Village-Bhatgawan Sunehra, Tehsil-Katni, District-Katni (MP).

This is case of Limestone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-418/1, 418/2, 418/3, Village-Bhatgawan Sunehra, Tehsil-Katni, District-Katni (MP) 4.13 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.1606, dated: 6/10/15 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 29.32 ha including this mine.

The case was presented by the PP in 11th SEAC-II meeting dated 09/03/2016. It's being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional officer.
6. Minimum six locations are considered for environmental monitoring.
7. Ground water level is recorded in underground sampling locations.

PP has submitted the EIA report vide letter dated 02/03/2019 which was forwarded through SEIAA vide letter no. 2583 dated 11/03/2019.

The case was presented by the PP and their consultant wherein PP submitted that it's an old mine and was in operation till 2014. After that has applied for environment clearance in year 2015 and therefore it is case of regularization.

The project is reported to be at a distance of more than 5 Km from the interstate boundary; national park, sanctuary and ecosensitive area thus is not attracted by the general conditions and falls under category 'B-1' by virtue of its location and mining lease area. Hence the project requires prior Environmental Clearance from the SEIAA.

During the presentation PP informed that the mine is on undulated terrine having elevation difference of 2mtrs. The lease was granted for period of 20years from 21.02.2002 to 20.02.2022 and the lease area comes under Pvt waste land. Reserve detail has been discussed and found as per the approved mining plan. Geo technical details were discussed and found satisfactory considering proposed bottom area of the ultimate pit. The water table is around 28-33 mt BGl and ultimate depth is proposed 20 mtrs. PP has developed plantation at 0.05 ha of area and proposed to develop plantation over 2.0 hect along the lease.

Particulars	Details
Locations	
Village	Bhatgawan Sunehra
Tehsil	Katni
District	Katni
State	MP
Latitude	23°40'31.2" to 23°40'40.2" North
Longitude	80°27'27.8" to 80°27'39.0" East
Co-ordinate	1. 23°40'31.2" - 80°27'30.6" 2. 23°40'32.7" - 80°27'39.0" 3. 23°40'40.2" - 80°27'35.0" 4. 23°40'34.1" - 80°27'27.8"
General ground level	442 m
Elevation range	Highest - 443m RL Lowest - 441m RL
Nearest National/ State Highway	NH-78 - 13.50km
Nearest Railway Station	Niwar - 10.0 km
Nearest Airport	Jabalpur - 68km

Nearest Tourist Place within 10km radius.	None
Archaeological Important Place within 10km radius.	None
Ecological Sensitive Areas (Wild Life Sanctuaries) within 10km radius.	None
Nearest hill range within 10km radius	Jora Pahar – 3.25km – S
Reserved / Protected Forest within 10km radius	Bijhota RF – 7.50km – S Jorapahar RF – 3.0km – S PF – 2.25km – S
Nearest major city with 100000 population within 10km radius	Nil
Nearest Town/City within 10km radius	None
Nearest Village	Bhatgawan – 0.50km – NNW
Nearest River with 10km radius	Niwar River – 4.50km – S
Nearest Nalla/pond	Sumrar Tank – 5.25km – NW Ametha Tank – 7.0km – WSW Bhitargarh Tank – 7.0km – SW Local Nalla – 1.0km – S Local Nalla – 0.25km – SE Malhan Water Tank – 4.0km – ENE Canal – 2.5km – W Water tank – 0.50km – SE Bhabrar Nalla – 3.75km – ENE
Other mines within 10km radius	1. Ultratech – Chhaparwah 2. Skyplast – Sejha 3. Smt. Saroj rani agrawal – Sejha 4. V. S. Minerals – Sejha 5. Kamal Lime Industries- Chandan 6. V. S. Mineral – Nanhwara 7. Gagan Sial – Sunahari 8. Ashok Goenka – Badagaon 9. M/s Kachhawaha Minerals Pvt – Badagaon 10. Ismile and sons- Bhatgaon sunehra 11. Arif Ahmed- Bhatgaon sunehara 12. Aslam Ahmed – Bhatgaon Sunehara
Industry within 10km radius	None

After discussion, PP was asked to submit details on following:

1. Revised CER programme and budget.
2. Plan for municipal solid waste management.
3. Revised EMP cost with budget for Fire fighting and MSW disposal.

PP has submitted the response of above quarries vide letter dated 29.03.2019 which was placed before the committee and the same found satisfactory. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Pipahat Lime Stone in Mining lease in an area of 4.13 ha. (40000 TPA) at , at Village –Bhatgawan Sunehra Teh-Murwara , Dist Katni (M.P), subject to the following special conditions:

(A) PRE-MINING PHASE

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

(B) MINING OPERATIONAL PHASE

8. Over head water sprinkling system shall be provided to arrest fugitive emissions.
9. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
10. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with

thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 4080 no's of trees will be planted along and within the ML. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

11. Transportation of material shall be done in covered vehicles.
12. The evacuation road (approx. 2.5 Kms) shall be made pucca.
13. Transportation of minerals shall not be carried out through forest area.
14. The OB till its utilization for backfilling shall be properly stacked as per approved mining plan and disposed off as per the submitted proposal. PP shall bound to compliance the final closure plan as approved by the IBM.
15. Garland drains 510 X 1.0 X 1.0m and 370 X 1.0 X 1.0m with 7 settling pits should be provided to avoid silt discharge. One proposed settling tanks (0.58ha X 6.0mD, 0.10 X 3.0mD, 0.11 X 4.0mD) shall be connected with garland drains and settling pits shall be provided for proper sedimentation.
16. Water sprinkling through tankers should be provided on 500 meter long and 06 meter wide haul road. However, regular water spraying should also be practiced on 2500 meters long and width 06 meters wide transport road for dust suppression.
17. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
18. The existing and proposed land use plan of the mine is as follows:

S. No.	Items	Existing	SOM period	Conceptual period
1	Total lease area	4.13ha		
3	Ultimate depth of mining	9m bgl (432m AMSL)	18m bgl (423m AMSL)	20m bgl (421 m AMSL)
4	Ultimate pit slope	45 °	45 °	45 °
5	Area under dumps	0.1577ha	0.40ha	Nil
6	Area under	Nil	Nil	Nil

	mineral stack			
7	Area under pits	0.295ha	0.9487ha	1.3291ha
8	Infrastructure & Road	0.075ha	0.01ha	Nil
9	Plantation	0.05ha	1.00ha	1.50h
10	Un-worked area	3.5523ha	1.7713	1.3009ha
	Total	4.13ha	4.13ha	4.13ha
1	Water body	0.10ha	0.25ha	0.75ha
2	Area to be backfilled	Nil	Nil	0.22ha
3	Plantation	0.05 ha (80no.)	1.00ha (2080no.)	2.00ha (4080no.)
3.1	Un-worked area	0.05 ha (80no.)	1.00ha (2080no.)	1.50ha (3080no.)
3.2	Bench of pit	Nil	Nil	0.28ha (560no.)
3.3	Backfilled area	Nil	Nil	0.22ha (440 no.)
3.4	Dump area	Nil	Nil	Nil

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

(C) ENTIRE LIFE OF THE PROJECT

24. The proposed EMP cost is Rs. 36.72 lacks and Rs. 16.08 lacks /year are proposed as recurring expenses out of which Rs. 17.10 lacks is proposed for green belt development inclusive of green belt along transport road and Rs. 2.70 lacks /year for recurring expenses for plantation in the proposed EMP of this project.
25. Under CSR activity, Rs. 5 lacks and Rs. 9.75 lacks /year are proposed as recurring expenses in different activities and should be implemented through respective committees.
26. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
27. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
28. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
29. PP will comply with all the commitments made vide letter dated 29.03.2019.
30. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

4. Case No. - 5891/2019 M/s Galaxy Infrastructure, Ward No. 35, Sagar Road, Dist. Chhatarpur, MP – 471001 Prior Environment Clearance for Construction of Residential Project "Galaxy Heights" (Total Plot Area = 27,520.0 sqm., Total Built-up Area = 47,218.08 sqm) at Khasra no. 608/1/1/10/2/2, 609/1/2, 610, Village - Pratipal Parisar, Tehsil - Chhatarpur & Dist. Chhatarpur, MP. Cat. - 8(a) Building and Construction Projects. For - Building Constuction Project.

This is case of Prior Environment Clearance for Construction of Residential Project "Galaxy Heights" (Total Plot Area = 27,520.0 sqm., Total Built-up Area = 47,218.08 sqm) Khasra No. - 608/1/1/10/2/2, 609/1/2, 610, at Village - Pratipal Parisar, Tehsil - Chhatarpur & Dist. Chhatarpur, (M.P.). Cat. - 8(a) Building and Construction Projects.

The case was scheduled for presentation in 346th SEAC meeting dated 26/02/2019, 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. Committee decided to call the PP in subsequent meetings.

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

M/s Galaxy Infrastructure has proposed to develop a new Residential Building Project named “Galaxy Height’s” at Khasra No - 608/1/1/10/2/2,609/1/2,610, Pratipal Parisar, Sagar Road, Distt-Chhatarpur, Madhya Pradesh. The Total estimated cost of the project is INR 62 crores. The project will develop 336 dwelling units which include 44 EWS/LIG units and some area will be developed for commercial stores. The proposed project shall comprise of 12 blocks out of which 6 blocks i.e. A, B, C, D, E, F consists of Stilt + Maximum 8 floors and other 2 blocks i.e. G, H will consist of Stilt + Maximum 6 floors and remaining 4 blocks i.e. I, J, K, L will consist of Stilt + Maximum 4 floors. The maximum height of the building is 31.1 meters. Estimated total population for the Residential buildings is 1,942 persons which includes 1460 persons for normal residential, 220 persons for EWS/LIG, 168 persons for visitors (@10% of total residential population) and 84 persons for staff (@05% of total residential population) and 10 persons for commercial stores. The Salient Features of the project are given below:

- 1 Total plot area 27,520 SQMTR
- 2 Ground Coverage for Residential Area 6,209.32 SQMTR
- 3 Ground Coverage for ESW/LIG 300 SQMTR
- 4 Ground Coverage for Convenience Store 300 SQMTR
- 5 Paved Area 2,003.99 SQMTR
- 6 Road Area 4,999.49 SQMTR
- 7 Open Area 10,952.21 SQMTR
- 8 Green/Landscape Area @12.02% of the plot area 3,309.10 SQMTR
- 9 Proposed FAR 39,359.68 SQMTR
- 10 Proposed Stilt Area 7,858.40 SQMTR
- 11 Total Built-up Area 47,218.08 SQMTR

WATER AND WASTE WATER REQUIREMENTS

- 12 Total Water Requirement 257.00 KLD
- 13 Fresh Water Requirement 164.00 KLD
- 14 Waste Water Generation 202.00 KLD
- 15 Proposed STP Capacity 250.00 KLD
- 16 Treated Water Available for Reuse 161.60 KLD
- 17 Recycled Water 93.89 KLD

18 Surplus Treated Water 67.71 KLD

RAIN WATER HARVESTING

19 No. of Rain Water Harvesting Pits Proposed 11.00 Nos

PARKING

- 20 Total Parking required as per norms 343 ECS
- 21 Total Parking Proposed 386.00 ECS
- 22 Total Parking Proposed at Stilt Area 261.00 ECS
- 23 Total Parking Proposed at Open Area 125.00 ECS

POWER

- 24 Total Power Requirement 1,683.00 KVA
- 25 Power Source Madhya Pradesh State Electricity Board
- 26 Total DG Set proposed 1500 (3X500) KVA

WASTE GENERATION

27 Municipal Solid Waste Generation 888 KG/DAY

After presentation and submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Construction of Residential Project "Galaxy Heights" (Total Plot Area = 27,520.0 sqm., Total Built-up Area = 47,218.08 sqm) at Khasra no. 608/1/1/10/2/2, 609/1/2, 610, Village - Pratipal Parisar, Tehsil - Chhatarpur & Dist. Chhatarpur, MP. Cat. 8(a) subject to the following special conditions:

I. Statutory Compliance

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- iv. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

- v. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- vi. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- vii. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, and Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix. The provisions for the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. Diesel power generating sets (3 X 500 KVA) proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out

debris from the site.

- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from DG set (3 X 500 KVA) shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii. Total fresh water (164 KLD) use shall not exceed the proposed requirement as provided in the project details.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be monitored to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground

- water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
 - vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
 - viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 - ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
 - x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
 - xi. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
 - xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fire water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
 - xiii. All recharge should be limited to shallow aquifer.
 - xiv. No ground water shall be used during construction phase of the project.
 - xv. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
 - xvi. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.
 - xvii. Sewage shall be treated in the STP (Capacity - 250 KLD) with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing and gardening.
 - xviii. No sewage or untreated effluent water would be discharged through storm water drains.

- xix. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural Treatment systems shall be promoted.
- xx. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxi. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

- iv. Energy conservation measures like installation of CFLs/LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other Renewable Energy shall be installed in meet electricity generation equivalent to 1% of the demand load or as per the state level/local building bye-law's requirement, whichever is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand for the commercial and institutional building or as per the requirement of the local building bye-laws, whichever I higher Residential buildings are also recommended to meet its hot water demand form solar water heaters, as par as possible.

VI. Water Management

- i. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- ii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (888 Kg/day) shall be segregated into wet garbage and inert materials.
- iv. Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 Kg/person/day must be installed.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.

- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

Vii. Green Cover

- i. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).
- ii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- iii. 3,309.10 sq meters of area shall be provided for green belt development as per the details provided in the project document.
- iv. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points
 - d. Parking norms as per local regulation

- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Parking's for 386 Nos. ECS shall be provided as proposed by PP.
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

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

X. Corporation Environment Responsibility

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

- infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
 - iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
 - v. PP proposed Rs. 130.05 lakh as capital cost and Rs. 17.46 lacks/year for recurring expenses in the project for EMP. Rs. 1.24 Cr. is proposed for various CER activities.

XI. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

5. Case No. - 5961/2019 M/s Tandem Mining Pvt. Ltd, House No. 57, Paradise City, Panna Road, Dist. Chhatarpur, MP Prior Environment Clearance for Sand Mine in an area of 6.427 Ha. (1,32,388 cum per annum) (Khasra No. 219/2, 222, 222/2/2, 222/3/2, 222/4/2, 222/5), Village - Singarpur, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 219/2, 222, 222/2/2, 222/3/2, 222/4/2, 222/5), Village - Singarpur, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 6.427 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 Officer letter No. 6301 dated: 12/12/18 has reported that there is 01more mines operating or proposed within 500 meters around the said mine with total area of 10.846 ha., including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that concerned Collector Officer Letter No. 6301 dated: 12/12/18 has reported that there is 01more mines operating or proposed within 500 meters around the said mine with total area of 10.846 ha., including this mine. In the light of recent MoEF&CC O.M. F.No. L-11011/175/2018-18-II (M), dated 12th December 2018, relevant point of this mentioned O.M. is quoted below:

“If a cluster or an individual lease size exceeds 5 ha., the EIA/EMP be made applicable in the process of grant of prior EC.”

Hence, the cluster of this mine is >5 ha. So it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR's and as per Annexure D:-

1. Detailed evacuation plan along with road condition is to be discussed in the EIA report with requirement of manpower.
2. Photographs and maps depicting all the mines present in the cluster.
3. Inventory of the trees that exists within ML area to be submitted in final EIA report.
4. On a topographic map, show all the sensitive features along with distance from this sand mine with all co-ordinates.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from this mine and also justify the duration when mining is possible.
8. Detailed production plan with section should be provided in the EIA report considering the safe area to be left for the prevention of bank erosion.

9. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
10. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
11. Discuss and assess impacts of sand mining on pisciculture/ wildlife/migratory fauna.
12. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
13. Discuss the measures that will be adopted for the bank erosion.
14. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
15. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
16. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA. Additional monitoring stations should be established nearby the habitations.

6. Case No. - 5962/2019 M/s Tandem Mining Pvt. Ltd, House No. 57, Paradise City, Panna Road, Dist. Chhatarpur, MP Prior Environment Clearance for Sand Mine in an area of 8.644 Ha. (2,18,266 cum per annum) (Khasra No. 205/6, 205/8, 205/9/1, 2144), Village - Kurminpurwa, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 205/6, 205/8, 205/9/1, 2144), Village - Kurminpurwa, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 8.644 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 Officer letter No. 669 dated: 04/02/19 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 and during presentation it was observed that concerned Collector Officer letter No. 669 dated: 04/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine. In the light of recent MoEF&CC O.M. F.No. L-11011/175/2018-18-II (M), dated 12th December 2018, relevant point of this mentioned O.M. is quoted below:

“If a cluster or an individual lease size exceeds 5 ha., the EIA/EMP be made applicable in the process of grant of prior EC.”

Hence, the individual area of this mine is >5 ha. So it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR's and as per Annexure D:-

1. Detailed evacuation plan along with road condition is to be discussed in the EIA report with requirement of manpower.
2. Photographs and maps depicting all the mines present in the cluster.
3. On a topographic map, show all the sensitive features along with distance from this sand mine with all co-ordinates.
4. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
5. Photographs of individual mine during EIA process with date.
6. Justify the production from this mine and also justify the duration when mining is possible.
7. Detailed production plan with section should be provided in the EIA report considering the safe area to be left for the prevention of bank erosion.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture/ wildlife/migratory fauna.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA. Additional monitoring stations should be established nearby the habitations.

7. Case No. - 5963/2019 M/s Tandem Mining Pvt. Ltd, House No. 57, Paradise City, Panna Road, Dist. Chhatarpur, MP Prior Environment Clearance for Sand Mine in

an area of 8.483 Ha. (2,07,728 cum per annum) (Khasra No. 146/2, 146/3/2, 146/3/3, 148, 145/4/1/1), Village - Barband, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 146/2, 146/3/2, 146/3/3, 148, 145/4/1/1), Village - Barband, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 8.483 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 Officer letter No. 6302 dated: 12/12/18 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 and during presentation it was observed that concerned Collector Officer letter No. 6302 dated: 12/12/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine. In the light of recent MoEF&CC O.M. F.No. L-11011/175/2018-18-II (M), dated 12th December 2018, relevant point of this mentioned O.M. is quoted below:

“If a cluster or an individual lease size exceeds 5 ha., the EIA/EMP be made applicable in the process of grant of prior EC.”

Hence, the individual area of this mine is >5 ha. So it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR's and as per Annexure D:-

1. Detailed evacuation plan along with road condition is to be discussed in the EIA report with requirement of manpower.
2. Photographs and maps depicting all the mines present in the cluster.
3. On a topographic map, show all the sensitive features along with distance from this sand mine with all co-ordinates.
4. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
5. Photographs of individual mine during EIA process with date.
6. Justify the production from this mine and also justify the duration when mining is possible.
7. Detailed production plan with section should be provided in the EIA report considering the safe area to be left for the prevention of bank erosion.

8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture/ wildlife/migratory fauna.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA. Additional monitoring stations should be established nearby the habitations.

8. Case No. - 5969/2019 M/s Sangam Granite, Authorized Partner Shri Sushil Pandey, R/o 23, Ramdev Bhavan, Behind Collector Bangla, Dist. Chhatarpur, MP - 471516 Prior Environment Clearance for Granite Stone Mine in an area of 2.680 Ha. 1,94,150 cum per annum) (Khasra No. 485 P), Village - Lausi, Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Granite Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 485 P), Village - Lausi, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.680 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 Officer letter No. 294 dated: 14/01/19 has reported that there are 07more mines operating or proposed within 500 meters around the said mine with total area of 20.371 ha., including this mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee that PP has not annexed the approved Maps of mining plan. Collector Officer vides letter No. 294 dated: 14/01/19 has reported that there are 07more mines operating or proposed within 500 meters around the said mine with total area of 20.371 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.

It was further observed by the committee that the mining is proposed from the hilltop and the elevation difference is of 12 meters. On the NW side and SW of the lease habitations are in existence. It was submitted by consultant during presentation that few more lease are proposed on this hillock and another hillock existing nearby for mining and due for presentation today & tomorrow. Thus committee after deliberations decided to carryout site visit by a sub-committee of this mine and other mines which are located on this hillock and another hillock in existence nearby and have applied for EC to ascertain the sensitive features around the proposed mining area and TOR will be recommended after the site visit report.

9. Case No. - 5970/2019 M/s Sundram Stone Mill, Daharra, Kabrai, Dist. Mahoba, UP – 210424 Prior Environment Clearance for Metal Stone Mine in an area of 2.00 Ha. 61,919 cum per annum) (Khasra No. 480), Village - Lausi, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Metal Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 480), Village - Lausi, 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 Collector Officer letter No. 296 dated: 14/01/19 has reported that there are 07more mines operating or proposed within 500 meters around the said mine with total area of 20.371 ha. including this mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee that PP has not annexed the approved Maps of mining plan and a village on foothill seems to be exists from the Google image, however the elevation difference is of approx. 24 mts, hence the design of the evacuation route is to be prepared in such a way that village shall be protected. Collector Officer vide letter No. 294 dated: 14/01/19 has reported

that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 20.371 ha., including this mine.

It was further observed by the committee that the mining is proposed from the hilltop and the elevation difference is of 24 meters. On the NW side and SW of the lease habitations are in existence. It was submitted by consultant during presentation that few more lease are proposed on this hillock and another hillock existing nearby for mining and due for presentation today & tomorrow. Thus committee after deliberations decided to carryout site visit by a sub-committee of this mine and other mines which are located on this hillock and another hillock in existence nearby and have applied for EC to ascertain the sensitive features around the proposed mining area and TOR will be recommended after the site visit report.

10. Case No. - 5996/2019 M/s Signature Builder & Colonizers, 18-19, Kolar Castle, Chuna Bhatti Square, Dist. Bhopal, (M.P.). Prior Environment Clearance for Construction of Group Housing Project "Signature 360" Total Plot Area = 75,700 sqm., Total Built-up Area = 64,183.93 sqm at Khasra No. 367, 368, 369, 375, 376, 377, 378, 379, 380, Village - Barrai, Tehsil - Huzur & Dist. - Bhopal (M.P.)

This is case for Construction of Group Housing Project "Signature 360" Total Plot Area = 75,700 sqm., Total Built-up Area = 64,183.93 sqm at Khasra No. 367, 368, 369, 375, 376, 377, 378, 379, 380, Village - Barrai, Tehsil - Huzur & Dist. - Bhopal (M.P.) The project requires prior EC before commencement of any activity at site.

Salient features of this project:

S. No.	Particulars	Details
1.	Name of the project	Signature 360
2.	Location:	Village - Barrai, Tehsil - Huzur, Dist.- Bhopal (M.P.)
3.	Name of the Company,	M/s. Signature Builder & Colonizers
4.	Address	SIGNATURE GROUP, CHUNA BHATTI SQUARE, BHOPAL (M.P.)
5.	Tele No.	0755-4094785
6.	E-mail :	Siganture360@gmail.com
7.	Latitude and Longitude of the project.	23°10'30.48"N, 77°30'13.99"E

8.	Project brief: nature of proposal (new/expansion,)	New
9.	Total area & B/up Area	Total Area = 75700 Sq.mt Total B/up Area = 64183.93 Sq.mt (FAR + Non F.A.R.)
10.	Cost of the project	Rs. 9000 Lakhs
11.	If the project is for EC under EIA Notification, 2006	Yes
12.	a) For the first time appraisal by EAC (i) Date of ToR:	Yes (i) Applied for ToR
	(ii) Date of Public Hearing, location	(ii) N.A.
	(iii) Major issues raised during PH and response of PP	(iii) N.A.
	b) Second appraisal (i) Date of first /earlier appraisal (ii) Details of the information sought by the EAC with the response of the PP.	NO
	If the project involves diversion of forest land (i) extend of the forest land (ii) status of forest clearance.	NO -- --
	If the project falls within 10 km of eco- sensitive area	No Eco Sensitive Zone falls under 10 Km. radius of the project.
	(i) Name of eco- sensitive area and distance from the project site,	---
	(ii) status of clearance from National Board for wild life	---
13.	Waste Management	(i) 228 KLD Fresh Water.

	(i) Water requirement, source, status of clearance	(ii) 162 KLD Recycled water Source: BMC
14.	(ii) Waste water quantity, treatment capacity, detail	STP capacity: 450 KLD STP.
15.	(iii) Recycling / reuse of treated water and disposal	Recycled water will be used for Flushing, landscaping and miscellaneous purpose.
	(iv) Solid Waste Details	Details are given below:
Total Solid Waste Generation = 1776 Kg/day		
	(v) Green belt development	Area under Landscaping = 5576 Sq.mt.
	(vi) Parking requirement with provision made	Total Parking Provided = 410 ECS

The case was presented by the PP and their consultant. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation and approx. 74% construction has been done and approx. 20% possession has been taken.

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8th 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.

Hence committee recommended to issue additional TOR as per notification dated 08th 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, PN2.5, SO₂, NO_x & 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.

11. Case No. - 5960/2019 M/s Balaji Enterprises, 365/2, D-25, Chhatarpur, Pahadi, New Delhi – 110074 Prior Environment Clearance for Sand Quarry in an area of 3.80 Ha. (90,255 cum per annum) (Khasra No. 8/2, 8/3), Village - Mishranpurwa, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 8/2, 8/3), Village - Mishranpurwa, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.80 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Officer letter No. 1087 dated: 15/02/19 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. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Tree	Within lease	North -West
Habitations	Approx. 360 meters	South-west

During presentation it was observed (as per the Google image of December, 2018 based on the co-ordinates provided by PP) that some trees are in existence on the northern side of the lease boundary and some trees are in existence within the lease for which PP submitted that the trees which are in existence on the lease boundary and in the middle of lease will not be disturbed during mining. Committee after deliberations asked PP to provide revised operational production plan leaving proper safety area as non mining area for existing trees with following additional informations:

1. Inventory of the trees with girth details existed within lease.
2. Commitment from PP that no tree cutting is proposed.
3. Revised length and width of the evacuation route.
4. Considering the production, the road shall be made WBM or pucca for which necessary details such as length, width with budgetary allocations in EMP shall be provided.
5. Revised operational production plan by leaving sufficient safety area for existing trees within the lease.

6. Revised EMP incorporating provision of PUC of the deployed vehicle and safety sign board and caution boards.

12. Case No. - 5982/2019 Shri Pradeep Vishwakarma, S/o SHri Jamna Prasad Vishwakarma, Niwasi Jharkheda, Tehsil - Shyampur, Dist. Sehore, MP – 46665 Prior Environment Clearance for Murrum Quarry in an area of 2.00 Ha. (15,000 cum per annum) (Khasra No. 263/2), Village - Jharkheda, Tehsil - Shyampur, Dist. Sehore (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 263/2), Village - Jharkheda, Tehsil - Shyampur, Dist. Sehore (MP) 2.0 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's Office letter No. 1943 dated: 22/09/2018 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. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate distance from the lease area in meters	aerial Direction
MPEB sub station	180	East

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

- Revised EMP incorporating provision of PUC of the deployed vehicle, solar and safety sign board boards.
- Revised water requirement for plantation

Vide letter dated 29.03.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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':

- Production shall be as per mine plan with quantity not exceeding for Murrum 15,000 cum/annum.
- A budgetary provision for Environmental management Plan of Rs. 9.60 Lakh as capital and Rs 1.43 Lakh/year as recurring cost and under CSR Rs. 30,000 /years.

13. Case No. - 5983/2019 Shri Shailendra Gaur S/o Shri Bharat Singh Gaur, Village - Waheedganj, Tehsil - Sehore, Dist. Sehore, MP – 466001 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.0 Ha. (7,500 cum per annum) (Khasra No. 174/3/1), Village - Jaanpur Bawadiya, Tehsil - Sehore, Dist. Sehore (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 174/3/1), Village - Jaanpur Bawadiya, Tehsil - Sehore, Dist. Sehore (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 Tehsildar Office letter No. 178 dated: 01/06/18 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. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
One existing pit	Within lease area	South -East
Natural drain	>50	South -West

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

- Revised EMP incorporating provision of PUC of the deployed vehicle, solar and safety sign board boards.
- Revised water requirement for plantation

Vide letter dated 29.03.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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':

- Production shall be as per mine plan with quantity not exceeding for Stone 7,500 cum/annum.
- A budgetary provision for Environmental management Plan of Rs. 7.75 Lakh as capital and Rs 1.64 Lakh/year as recurring cost and under CSR Rs. 30,000 /years.

14. Case No. - 6023/2019 M/s Combined Stone Crusher, Old Padav, Dist. Umaria, MP – 484661 Prior Environment Clearance for Gitti Stone Quarry in an area of 1.064 ha. (4,000 cum per annum) (Khasra No. 24), Village - Tummadar, Tehsil - Bandhavgarh, Dist. Umaria (MP)

This is case of Gitti Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 24), Village - Tummadar, Tehsil - Bandhavgarh, Dist. Umaria (MP) 1.064 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. 1320 dated: 23/07/18 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. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate distance from the lease area in meters	aerial Direction
Pakka Road	>180	South -west

Natural drain	>400	East
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PP further stated that crusher is also proposed in the lease. After presentation the committee asked to submit following details:

- Revised water requirement for plantation
- Revised CER by incorporating distribution of sports kit as suggested during presentation.
- Revised EMP incorporating provision of PUC of the deployed vehicle.

Vide letter dated 29.03.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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':

- Production shall be as per mine plan with quantity not exceeding for Stone 4,000 cum/annum.
- A budgetary provision for Environmental management Plan of Rs. 7.85 Lakh as capital and Rs 1.62 Lakh/year as recurring cost and under CSR Rs. 30,000 /years.

15. Case No. - 5964/2019 Shri Vipendra Singh Chouhan S/o Shri Roshan Singh Chouhan, Village - Patra, Tehsil - Pathari, Dist. Vidisha, MP – 464001 Prior Environment Clearance for Flagstone Quarry in an area of 1.00 Ha. (2,520 cum per annum) at (Khasra No. 42/3), Village - Patra, Tehsil - Pathari, Dist. Vidisha (MP).

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 42/3), Village - Patra, Tehsil - Pathari, Dist. Vidisha (MP) 1.0 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. 197 dated: 04/02/19 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. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Natural drain	>50	North
Habitation	>200	South-West

PP further submitted that no drilling and blasting is proposed. After presentation, PP was asked to submit:

1. Revised EMP with its appropriate budget for plantation, drinking water, over head sprinklers, first-aid, SWM, OHS, and PPEs.
2. Revised plantation details (900 nos) as suggested during presentation.
3. Revised water balance chart.
4. Revised CER.

Vide letter dated 29.03.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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 Flag Stone 2,520 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.13 Lakh as capital and Rs 1.25 Lakh/year and under CSR Rs. 40,000 /years.

16. Case No. - 6022/2019 Shri Praveen Katkar S/o Shri Ramdas Katkar, 13, Masak Area, Nepanagar, Dist. Burhanpur, MP – 450445 Prior Environment Clearance for Metal Stone Quarry in an area of 1.00 ha. (4,233 cum per annum) (Khasra No. 268, 278, 279 (279/1, 279/2)), Village - Satpayri, Tehsil - Nepanagar, Dist. Burhanpur (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 268, 278, 279 (279/1, 279/2)), Village - Satpayri,

Tehsil - Nepanagar, Dist. Burhanpur (MP) 1.0 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. 150 dated: 06/03/19 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. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Pakka Road	>70	West
Pakka Road	>125	North

PP further stated that crusher is also proposed in the lease. After presentation, PP was asked to submit:

1. Revised EMP with its appropriate budget for plantation, drinking water, over head sprinklers, first-aid, SWM, OHS, and PPEs.
2. Revised plantation details (900 nos) as suggested during presentation.
3. Revised water balance chart.
4. Revised CER by including distribution of books and sports kit in nearest schools

Vide letter dated 29.03.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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 Metal Stone 4,233 cum/annum.

2. A budgetary provision for Environmental management Plan of Rs. 4.46 Lakh as capital and Rs 1.30 Lakh/year and under CSR Rs. 40,000 /years.

17. Case No. - 5966/2019 Smt. Anita Patidar W/o Shri Jitendra Patidar, Village - Chikhalda, Tehsil - Kukshi, Dist. Dhar, MP – Prior Environment Clearance for Stone Quarry in an area of 2.00 Ha. (21,547 cum per annum) (Khasra No. 39/1/1), Village - Kurdigpura, Tehsil - Kukshi, 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. 39/1/1), Village - Kurdigpura, Tehsil - Kukshi, 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. 1838 dated: 27/06/18 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.00 ha including this mine.

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

Sensitive Features	Approximate distance from the lease area in meters	Direction
One stop dam	Within the lease area	South-East
Second stop dam	>06	North
Some construction activity	>35	North-West
Natural stream	Within lease	South- West
Construction activity	>50	West

During presentation it was observed by the committee as per the Google image based on the co-ordinates provided by PP that a stream is crossing the lease and on this stream two stop dams are constructed out of which one stop dam is within the lease and another on the north side at a distance of approx. 06 meters. The shape of lease is also not matching with the given co-ordinates in PFR. Committee discussed the issue because as per MMR, 1996 minimum

100 meters area is to be left from any stop dam / water body and if the same is applied on this lease leaving mandatory 100 meters area as safety, no mining area will be available for mining in this lease. Thus committee after deliberations recommends that on above grounds this case cannot be considered for grant of EC.

18. Case No. - 5967/2019 M/s. Ravi Infrabuild Project Pvt. Ltd., Shri Lallan Prasad Awasthi, Hiran Magari, Sector-11, Udaipur, Rajasthan Prior Environment Clearance for Gitti Stone Quarry in an area of 1.00 Ha. (75,000 cum per annum) (Khasra No. 259/1), Village - Bither, Tehsil - Kasrawad, Dist. Khargone (MP)

This is case of Gitti Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 259/1), Village - Bither, Tehsil - Kasrawad, Dist. Khargone (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. 1446 dated: 16/01/19 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 wherein PP submitted that it's a case of TP with production capacity of 37,500 cum/year. During appraisal of the case it was observed as per the Google image based on the co-ordinates provided by PP that lease is in triangle in shape and a tar road is in existence at a distance of approx. 50 meters. Pp submitted that crusher is also proposed in the lease. For crusher minimum 100 meters area is to be left from the road. A canal is also in existence on the western side at a distance of approx 200. After presentation, PP was asked to provide:

1. Location of crusher on lease surface map leaving minimum 100 meters safe distance from the road.
2. Revised land use pattern.
3. Details of proposed crusher.
4. Revised labour estimation as proposed labour is 102 which seem to be too high.
5. Revised plantation scheme @ 450 plants/year.
6. Revised EMP and CSR as suggested by committee.

Vide letter dated 29.03.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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 Metal Stone 75,000 cum/annum.
2. As proposed, mobile crusher shall be installed at the proposed location.
3. A budgetary provision for Environmental management Plan of Rs. 6.495 Lakh as capital and Rs 1.372 Lakh/year and under CSR Rs. 3.00 lakh /years.

19. Case No. - 5968/2019 Shri Rajdeep Singh, S/o Shri Mahendra Singh Sisodiya, Village - Piplipada (Sandla), Tehsil - Badnawar, Dist. Dhar, MP – 454660 Prior Environment Clearance for Stone Quarry in an area of 3.00 Ha. (13,860 cum per annum) (Khasra No. 241/1/2), Village - Sandla, 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. 241/1/2), Village - Sandla, Tehsil - Badnawar, Dist. Dhar (MP) 3.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 225 dated: 04/02/19 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. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate distance from the aerial lease area in meters	Direction
Water body	90 meters	Eastern side.
Two Natural stream	Within lease	Flowing from north to

		south side.
Kachha Road	10 meters	South Western

During presentation it was observed by the committee as per the Google image based on the co-ordinates provided by PP that two stream are intersecting the lease and a big dam approx. 90 meters away from the lease on the eastern side. Committee discussed the issue that if mandatory 50 meters area is left as non mining area as per the provisions laid down in the MMR, 1996, from the both sides of the two streams, sufficient area will not be available for safe mining in this lease. Thus committee after deliberations recommends that on above grounds this case cannot be considered for grant of EC.

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
Member

(Dr. Sonal Mehta)
Member

(A. K. Sharma)
Member

(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/Murum 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.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. 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.
2. 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.
3. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
4. 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.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
7. 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.
8. No Mining shall be carried out during Monsoon season.
9. 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.
10. 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.

11. 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.
12. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
13. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
14. 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.
15. 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.
16. 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.
17. 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.
18. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
19. 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.
20. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
21. 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.
22. 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.
23. 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.