

The 384th meeting of the State Expert Appraisal Committee (SEAC) was held on 11th July, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

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

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

1. **Case No. - 5585/2017 Plant Manager, M/s Hindustan Petroleum Corporation Limited, HPCL Jabalpur LPG BP, Plot 1&2, Phase II, Industrial Growth Center - Maneri, Tehsil- Niwas, Distt. – Mandla (M.P.) – 481886. Prior Environment Clearance for Storage Capacity Expansion of LPG Bottling Plant at Plot No. 1 & 2 Phase II, Maneri Industrial Area, Mandla (M.P.) Proposed Capacity – 3 X 600 MT, Mounted Storage Vessel for LPG (1800 MT/year), Total Existing Plant Area - 38 Acres,(Existing Capacity – 450 MT of LPG, Bullets 3X150=450 MT (Shall be phase out after commissioning proposed project)Reference No. for online tracking of project Details SIA/MPIND2/19383/2017. Env. Consultant – Anacon lab. Nagpur (MS) Cat. 6 (b) Isolated Storage & handling of hazardous chemicals.**

This Case was forwarded by SEIAA to SEAC vide letter no. 1497 dtd. 09/01/18. The project proposal is to set up LPG Bottling Plant by M/s Hindustan Petroleum Corporation Limited, Plot 1&2, Phase II, Industrial Growth Center - Maneri, Tehsil- Niwas, Distt. – Mandla (M.P.) – 481886 for Prior Environment Clearance for Storage Capacity Expansion of LPG Bottling Plant at Maneri Industrial Area, Jabalpur (Cat. – 6 (b) Project).

The case was presented by the PP and their consultant in 298th SEAC meeting dated: 17/11/2017 for obtaining TOR wherein following details of the project were submitted by them:

1. Name of the project & its location:
Storage capacity expansion of HPCL LPG Bottling plant. The Project site is located at Industrial Growth Center at Maneri, Jabalpur (MP)-481886.
2. Name of the Company, Address Tele No. & E-mail:

Hindustan Petroleum Corporation Ltd, LPG Bottling Plant, Village: Maneri, Tehsil : Niwas. Distt.: Mandla – 481886, State: Madhya Pradesh. Tel.: 9530903046, 8461022888.

E-mail: lokendergarbyal@hpcl.in

3. Latitude and Longitude of the project.
The exact cartographic co-ordinates of Mandla (Plant Location coordinates) are 23⁰6'6.12" N 80⁰11'54.00"E.
4. If a Joint venture, the names & addresses of the JV partners including their share.:
NA
5. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.

Nature of proposal:- Expansion

The existing LPG Bottling Plant at Maneri has enough space within its plant boundary to accommodate the expansion. Thus no change in Land use is envisaged. Activity in preoccupied area only is having expansion provision. The present setup has a bottling facility spread over area of 38 acres. The nearest villages are Medhi and khairani situated approximately 0.750 KM and 1.60 KM at south and north respectively. Some industry is at surrounding south and east side of the plant The distance between project site & Jabalpur city is 37 KM. The nearest domestic airport is at Jabalpur.

6. Cost of the project. : Cost for the proposed expansion project is estimated to be approx. Rs. 21 Crores
7. Whether the project is in Critically Polluted area.- No
8. If the project is for EC under EIA Notification, 2006
 - a) For the first time appraisal by EAC
 - (i) Date of ToR: NA, However Project is for ToR first time.
 - (ii) Date of Public Hearing, location: NA
 - (iii) Major issues raised during PH and response of PP: NA
 - b) Second appraisal
 - (i) Date of first /earlier appraisal: NA

(ii) Details of the information sought by the EAC with the response of the PP.: NA

8. If the project involves diversion of forest land : No

(i) Extend of the forest land : NA

(ii) Status of forest clearance: For NOC application submitted to DFO.

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

(i) Name of eco- sensitive area and distance from the project site: There is no any eco-sensitive area within 10 KM radius study area, however Reserved forest is (Dense Mix Jungle- 7.55 Km at ES, Parariya- 7.8 km at ES, Bhaundi-6.7Km at S, Bamhni Purva- 8.33 Km at SW, Dense Mix Jungle-5.31Km at N)

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

10. Waste Management

(i) Water requirement, source, status of clearance: 40KLD, water Sources from AKVN

(ii) Waste water quantity, treatment capacity, detail: 2 Nos. of ETP is In place for waste water treatment.

(iii) Recycling / reuse of treated water and disposal: On Green Belt

(iv) Solid Waste Management: Solis waste disposed through CPCB approved vendor.

(v) Hazardous Waste Management: Spent oil and paint sludge disposed through CPCB approved vendor.

12 Other details

(i) Noise Modeling with noise control measures for airports: NA

(ii) Details of water bodies, impact on drainage if any : NA

(iii) Details of tree cutting: some small buses.

(iv) Energy conservation measures with estimated saving: Details Will be Provided in EIA Report.

(v) Green belt development (20 % of construction projects and 33 % for others): Details Will is provided in EIA Report.

(vi) Parking requirement with provision made: Is in placed in Plant Area.

13. If the project involves foreshore facilities: NO

(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

14 If the project involves Marine disposal: No

- (i) NOC from PCB in case of marine disposal : NA
- (ii) Details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters 9: NA
- (iii) Location of intake / outfall. Quantity,: NA
- (iv) Detail of monitoring at outfall: NA
- (v) Any other relevant information: NA

15 Other information

- (i) Investment/Cost of the project- Rs. Approx.- 21 Crores
- (ii) Employment potential- The proposed expansion project will provide indirect employment to about 20-25 persons during the construction phase and also in transportation during construction phase.
- (iii) Benefits of the project-The expansion project being proposed is important in view of the consistent increase of demand of LPG in market. This expansion project is has state as well as nationwide importance for fulfilling fuel requirement of the end users/ consumers of the areas. It helps to reduce the three cutting and decrees co2 emission its helps to improve the environment.

16. Date of Ground water clearance: Not required, water Sources from AKVN

17. Cost of proposed EMP and CSR with detailed components and proposed activity: Will be provided in EIA Report.

18. Numbers of Plantation proposed & area allocated for plantation with budgetary provision. : Will be provided in EIA Report.

19. Any river/Nallah flowing near or adjacent to the proposed mine. If yes, please give details. Water body is situated at a distance of 300 meter in east of the project site.: Jhamli river is located in east of the project site at a distance of 1.4 km.

The case was presented by the PP and their consultant 298th SEAC meeting dated: 17/11/2017 wherein PP informed that project involves storage capacity expansion of LPG

Bottling Plant and is located in the Industrial Growth Centre, Maneri, Distt: Mandla while it was observed by the committee that in Form-1 submitted by the company the location of the project is shown as Jabalpur. PP submitted that it's a typographical error and project is actually located in Maneri, District Mandla not in Jabalpur. Committee after deliberations decided that PP may submit revised Form-1 through SEIAA for further consideration of the project. However, on constant request of PP for urgency of the project and public demand, committee recommends that PP can take-up the EIA studies as per the Standard TOR developed by the Minister of Environment, Forest & Climate Change, and New Delhi. The SEAC will have the right and the responsibility of stipulating additional TOR in specific Projects considering its project features and nature of expansion after receiving the revised Form-1.

PP vide letter dated: 11.12.2017 has submitted the Revised Form-I which was being forwarded through SEIAA vide letter no. 1497 dated: 09/01/2018 as per the recommendations of 298th SEAC meeting dated 17/11/2017.

After presentation committee decided to issue standard TOR prescribed by the MoEF&CC for carrying out EIA study with following additional TOR's:-

1. All the safety related aspects should be proposed in the EIA report.
2. A detail of emergency rescue plan is to be submitted in the EIA report.
3. Workers health survey report is to be submitted in the EIA report.
4. Site specific risk assessment study should be carried out and same should be submitted with EIA report with disaster management plan and risqué details.
5. Detailed green belt plan with area, name of species and their number should be provided along with the inventory of existing trees in EIA report.
6. Tree felling is also proposed PP should submit the details of area with number of tree, species and permission from the competent authority.
7. Any other area marked for further expansion in this proposed unit should be detailed out on a layout map and submitted with EIA report.
8. Detailed fire fighting arrangements proposed should be discussed in the EIA report.
9. If there is any sensitive area within 05 kms radius of the proposed project site, the proposed safety measures in case of any accident should be discussed in the EIA report.
10. Input and output of modeling data should be annexed with the EIA report.
11. Details of all construction material related to this expansion project should be submitted with the EIA report.

12. Detailed parking facilities wrt to existing capacity and expanded facility should be provided within the facility boundary and detailed traffic management plan should be discussed in the EIA report as no parking will be permitted outside the plant premises.
13. Cost benefit analysis should be carried out and discussed in the EIA report.
14. 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.
15. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
16. 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.
17. 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.
18. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
19. Pre-dominant wind direction to be ascertained and accordingly the Safety & Environment Management Plans prepared and reported.
20. Details of Environmental Cell & CSR committee.
21. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.

EIA was submitted by the PP vide letter 22/05/2019 which was forwarded through SEIAA vide letter no 887 dated 28/05/2019, which was placed before the committee

The case was presented by PP and their consultant wherein PP vide letter no HPCL/JBL/19-20/02 dated 11/07/2019 submits that according to the latest Gazette Notification no S.O 1960 (E) dated 13th June 2019 that the Distilleries 5(g) and category 6(b) Isolated storage have been omitted for EC procedure. PP requested before committee to take cognieence for the same and request to omit from EC procedure.

Committee after deliberation decided to send this case file to SEIAA for further necessary action by considering latest Gazette Notification no S.O 1960 (E) dated 13th June 2019 .

2. **Case No. - 5758/2018 "Sterling Globe Grand" of M/s Sterling Globe Builders, Parther Shri Sanjeev Sabherwal, Village opposite Hanumarn Nagar, Jatkheri Road, Near Hoshangabad Road, Tehsil -Huzur, District -Bhopal (MP)-462026. Prior Environment Clearance for "Sterling Globe Grand" of M/s Sterling Globe Builders, Total Plot Area - 12,600.00 sq.mt. (1.26 hect.), Total Built up Area – 29,845.64 Sq. mt., at Village - Opposite Hanumar Nagar, Jatkheri Road Near Hoshangabad Road, Tehsil -Huzur, District -Bhopal (M.P.) Category: 8(a) Building & Construction Project.Env. Con. – In Situ Enviro Care, Bhopal (MP.).**

This is case of Prior Environment Clearance for Proposed Construction of Construction of Group Housing Project "Sterling Globe Grand" of M/s Sterling Globe Builders, Total Plot Area -12600.00 sq.mt. (1.26 hect.), Total Built up Area – 29845.64 Sq. mt., at Village - Opposite Hanumar Nagar, Jatkheri Road Near Hoshangabad Road, Tehsil -Huzur, District - Bhopal (M.P.) Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 332nd SEAC meeting dated 26/10/2018, 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.

PP during presentation stated that they have already carried-out the monitoring and requested to use that monitoring data, committee allow to use that data along with one month validation data. 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 along with following additional TOR's and as per Annexure-D:-

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 10/06/2019 which was forwarded by the SEIAA vide letter no. 1196/SEIAA/19 dated 20/06/2019

EIA was presented by PP and their consultant. During presentation PP submits the following salient features of this project:

- ❑ The total area of the project “**STERLING GLOBE GRAND**” is 12,600.00 sqm, net planning area is 10,118.05 sqm and total built-up area is 29,845.64 sqm. T&CP approved project will offer 224 flats & 19 EWS with an option of 2/3/4 bedrooms. The Co-ordinates of the project site are 23°10'21.25"N, 77°27'52.22"E.
- ❑ This project is independent project and does not link with any other projects which attracts directly or indirectly any provisions of schedule of EIA notification 2006 amended to date.
- ❑ Till date we have constructed 19783.81 sq.mt. (66.13%) area out of 29845.64 Sq.mt. total proposed Build-up area. Remaining 10061.83 sq.mt. (33.87%) construction will be done after obtaining EC.

After presentation and deliberation it was observed by the committee that the remediation’s plan and natural community resource augmentation plan submitted by PP needs to be revised as follows:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. An undertaking that
 - i. The area is developed as per the approved master plan.
 - ii. No tree cutting was carried out during execution of this project.
 - iii. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.
 - iv. No issue pertaining to R&R and land ownership is pending.
 - v. Commitment of PP regarding no tree felling is being done for construction activity.
 - vi. No GW was extracted during construction & operation of project.
 - vii. During construction phase RMC was used with its documentary evidence (bills copy to be annexed).
 - viii. Entire top soil was used for plantation & land scope development and no top soil was wasted.
 - ix. No DG sets were used during construction phase along with electricity bills.

3. Utilization- wise Land Use details as per approved T& CP approved layout.
4. Proposed Energy conservation plan.
5. Copy of fire and CGWB NOC.
6. Map showing natural drainage all around the site.
7. Revised CER and it should be proportionate with the project cost as per O.M dated 01/05/2018.
8. CA audited report of all these expenditure made.
9. Records of occupational health check-up during construction shall be provided.
10. RWH details in separate sheet shall be submitted.
11. Inventory of trees with species and number that have been planted till date with photographs.
12. Justification for no remedial plan for air and noise during construction phase.
13. Proposal for solar power in the project.
14. Contour map of the project site with depiction on map that the storm/natural water of surrounding area is flowing according to surface topography.
15. STP's status with photographic proofs.
16. Photographs of the first-aid facility, lightning arrester at mine site during construction phase.

3. Case No. - 5989/2019 Shri Vijay Juneja S/o Shri Ramsarandas Juneja, Jalaram Ward, Pandhurna, Dist. Chhindwara, MP – 480334 Prior Environment Clearance for Metal Stone Quarry in an area of 1.432 Ha. (10,000 cum per annum) (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP) 1.432 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. 173 dated: 02/02/19 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 5.637 ha., including this mine.

Earlier this case was scheduled for the presentation in 357th SEAC meeting dated 01/04/2019, but neither the Project Proponent (PP) nor his representative was present to explain the query

which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

In this meeting (358th SEAC meeting dated 09/04/2019), this case was again scheduled for presentation, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 357th SEAC meeting dated 01/04/2019. 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.

Today, this case was scheduled for presentation wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the 357th SEAC meeting dated 01/04/2019 and 358th SEAC meeting dated 09/04/2019. It was further observed by committee that PP has filed another application with case no. 6261/2019 Shri Vijay Juneja S/o Shri Ramsarandas Juneja, Jalaram Ward, Pandhurna, Dist. Chhindwara, MP – 480334 Prior Environment Clearance for Metal Stone Quarry in an area of 1.432 Ha. (10,000 cum per annum) (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP). Thus committee decided that both these case shall be listed together in the subsequent meetings for discussion and appraisal.

4. Case No. - 6261/2019 Shri Vijay Juneja S/o Shri Ramsarandas Juneja, Jalaram Ward, Pandhurna, Dist. Chhindwara, MP – 480334 Prior Environment Clearance for Metal Stone Quarry in an area of 1.432 Ha. (10,000 cum per annum) (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP) 1.432 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 573 dated: 26/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

5. **Case No. – 6351/2019 Shri Rajendra Kumar Singh S/o Shri Ram Dawan Singh, Ward No. 06, Chopal Road, Obra, Dist. Sonbhadra, UP – 231219 Prior Environment Clearance for Stone Quarry in an area of 1.80 ha. (15,185 cum per annum) (Khasra No. 1616, 1619, 1611, 1610/1, 1618), Village - Ramdiha, Tehsil - Chitrangi, Dist. Singrauli (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1616, 1619, 1611, 1610/1, 1618), Village - Ramdiha, Tehsil - Chitrangi, Dist. Singrauli (MP) 1.80 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 Tehsildar Office letter No. 2688 dated: 14/09/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation and discussion wherein PP vide letter dated 11/07/2019 has requested that due to some unforeseen circumstances I would like to withdrawal of this EC application for obtaining EC. Committee after deliberation decided to accepted the request made by PP vide letter dated 11/07/2019 and decided to send this technical case file to SEIAA for further necessary action.

6. **Case No. – 6353/2019 Shri Pradeep Kumar Mishra S/o Late Shri Ram Prabhu Mishra, H.No. 37, Nirmal Kalpana Society, Chuna Bhatti, Kolar Road, Dist. Bhopal Prior Environment Clearance for Stone (16,465 cum per annum) and Kopra Quarry (18,044 Cum per annum) in an area of 3.00 ha. (Khasra No. 833/1/2/1/Gh) (New No. 613) Village - Toomda, Tehsil - Huzur, Dist. Bhopal (MP).**

This is case of Stone and Kopra Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 833/1/2/1/Gh), Village - Toomda, Tehsil - Huzur, Dist. Bhopal (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. 1611 dated: 25/05/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

| Sr. No | Sensitive Feature | Approximate aerial distance from the lease area in meters | Direction | Remarks. |
|--------|-------------------|---|-----------|----------|
| 1. | Kachcha road | 40 | South | - |
| 2. | Pond | 130 | North | -. |

During presentation PP submits that crusher is installed within lease area. After presentation the committee asked to submit following details:

- Revised EMP by adding cost of protection wall around installed crusher in lease area as suggested by the committee and commitment that crusher will be installed on the northern corner of lease to maintain 100 meters distance from the road.

PP has submitted the response of above quarries same date vide letter dated 11.07.2019, which was placed before the committee and the same found satisfactory. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 16,465 & Kopra 18,044 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.59 Lakh as capital and Rs 3.66 Lakh/year and under CSR Rs. 1.85 Lakh/years has proposed.

7. Case No. – 6367/2019 Shri Dharmendra Thakur S/o Shri Kalusingh Thakur, Village - Khadki, Tehsil - Gandhwani, Dist. - Dhar, MP – 454446 Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (Stone – 30,500 cum per annum, Murrum – 6,100 cum per annum) (Khasra No. 6/1/1 Kh), Village - Chikali, Tehsil - Manawar, Dist. Dhar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 6/1/1 Kh), Village - Chikali, Tehsil - Manawar, Dist. Dhar (MP) 4.0 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. 1454 dated: 23/05/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by PP, it was observed that two natural drain are originating from the lease in the in the east side & South side. following are the other sensitive features were observed within 500 meters of the lease area:

| Sr. No | Sensitive Feature | Approximate aerial distance from the lease area in meters | Direction | Remarks. |
|---------------|--------------------------|--|------------------|---|
| 1. | Natural drain | 53 | East | - |
| 2. | Natural drain | 50 | South | - |
| 3. | Road | 50 | North | Commitment that no crusher in lease area. |

After presentation the committee asked to submit following details:

- Commitment from PP that no crusher will be installed in lease area.
- Commitment from PP that conceptual depth of the pit will not be more than 20 meters high from ground surface.

PP has submitted the response of above quarries same date vide letter dated 11.07.2019, which was placed before the committee and the same found satisfactory. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 30,500 & Murrum – 6,100 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.66 Lakh as capital and Rs 4.32 Lakh/year and under CSR Rs. 1.00 Lakh/years has proposed.

8. Case No. – 6354/2019 Smt. Deepti Jatav, W/o Shri Ranveer Jatav, Sanjay Gandhi Ward, Northern Site No. 38, After Road, Dist. Bhind, MP Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (90,250 cum per annum) (Khasra No. 2, 4 Parts), Village - Kheriya Keshar, Tehsil - Gwalior, Dist. Gwalior (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2, 4 Parts), Village - Kheriya Keshar, Tehsil - Gwalior, Dist. Gwalior (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter No. 85 dated: 24/10/17 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by PP and their consultant. After presentation the committee asked to submit: Revised CER by adding water harvesting as suggested by the committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 11.07.2019, which was placed before the committee and the same found satisfactory. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 90,250 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 19.62 Lakh as capital and Rs 2.55 Lakh/year and under CSR Rs. 3.22 Lakh/years has proposed.

9. Case No. – 6355/2019 Shri Bhairav Pratap Singh, Village - Patpara, Tehsil - Churahat, Dist. Sidhi, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (17,052 cum per annum) (Khasra No. 48/2, 49/2 Parts), Village - Rojaha, Tehsil - Chorahat, Dist. Sidhi (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 48/2, 49/2 Parts), Village - Rojaha, Tehsil - Chorahat, Dist. Sidhi (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 944 dated: 30/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone – 17,052 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 09.52 Lakh as capital and Rs 2.53 Lakh/year and under CSR Rs. 0.60 Lakh/years has proposed.

10. Case No. – 6357/2019 M/s Global Stone Crusher, Shree Deepak Singh, R/o Village - Ghoghar, Tehsil - Huzur, Dist. Rewa, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 1.00 ha. (7,940 cum per annum) (Khasra No. 111, 112/1 Parts), Village - Kuiyan, Tehsil - Huzur, Dist. Rewa (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 111, 112/1 Parts), Village - Kuiyan, Tehsil - Huzur, Dist. Rewa (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. 3082 dated: 11/03/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.509 ha., including this mine.

The case was presented by 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:

| Sr. No | Sensitive Feature | Approximate aerial distance from the lease area in meters | Direction | Remarks. |
|--------|-------------------|---|-----------|----------|
| | | | | |

| | | | | |
|----|---------------|-------------------|------|---------------------------------|
| 1. | Canal | >240 | West | - |
| 2. | Kachcha Road | Adjacent to lease | - | 10 meter setback shall be left. |
| 3. | Trees (7 nos) | Within the lease | - | Commitment for no tree failing |

After presentation the committee asked to submit following details:

- Agreement from lease owner is to be submitted.
- Top soil management plan.
- Commitment of PP that approx. 07 trees which are on lease boundary will not be uprooted.
- Re –asses the quantity of Top-Soil generated with photographs are to be submitted.

PP has submitted the response of above quarries same date vide letter dated 11.07.2019, which was placed before the committee and the same found satisfactory. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 7,940 cum per annum.
2. 10 meter setback shall be left on the southern side of lease from road.
3. A budgetary provision for Environmental management Plan of Rs. 03.34Lakh as capital and Rs 2.36 Lakh/year and under CSR Rs. 0.60 Lakh/years has proposed.

11. Case No. – 6358/2019 Shri Shivam Chouksey, R/o Village & Post - Lila Tola, Tehsil - Pushprajgarh, Dist. Anuppur, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (18,522 cum per annum) (Khasra No. 31), Village - Amdari, Tehsil - Pushprajgarh, Dist. Anuppur (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 31), Village - Amdari, Tehsil - Pushprajgarh, Dist. Anuppur (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. 414 dated: 27/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine. The case was presented by 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:

| Sr. No | Sensitive Feature | Approximate aerial distance from the lease area in meters | Direction | Remarks. |
|---------------|--------------------------|--|------------------|---|
| 1. | Pucca Road | -- | - | Adjacent to lease & one co-ordinate is on the other side of road. |
| 2. | Trees | Within the lease | - | Commitment from PP that no tree failing is proposed. |

During presentation it was observed that it is a hillock mining of approx. 60-70 meters high and this mine is adjacent to the road boundary and one co-ordinate is on the other side of the road. Committee after deliberation recommends that this site is environmentally sensitive and cannot be considered for the grant of prior EC and case may be sent to SEIAA for further necessary action.

12. Case No. - 6240/2019 Smt. Archana Singh W/o Shri Suneel Singh, Ward No. 1, Jhiria Mohalla, Dist. Umariya, (M.P.) - 484661 Prior Environment Clearance for Stone Quarry in an area of 1.00 ha. Capacity – 5,060 cum per annum. at Khasra No. 468/2 Ka, Village - Salaiya, Tehsil - Pali, Dist. - Umariya (M.P.).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 468/2 Ka), Village - Salaiya, Tehsil - Pali, Dist. - Umariya (M.P.). 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. 710 dated: 29/03/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.168 ha., including this mine. As per Google image based on coordinates provided by PP, following are the sensitive features were observed within 500 meters of the lease area:

| Sr. No | Sensitive Feature | Approximate aerial distance from the lease area in meters | Direction | Remarks. |
|---------------|--------------------------|--|------------------|-----------------|
|---------------|--------------------------|--|------------------|-----------------|

| | | | | |
|----|-------------------|-----|------------|------------------|
| 1. | Water body | 160 | North-West | - |
| 2. | Pucca Road | 220 | South | - |
| 3. | Isolated hutments | 120 | East | Protection plan. |

After presentation the committee asked to submit following details:

- Protection plan for the nearest hutments in the East side of the lease is needed.
- Revised CER as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 11.07.2019, which was placed before the committee and the same found satisfactory. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5,060 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.46 Lakh as capital and Rs 2.04 Lakh/year and under CSR Rs. 0.40 Lakh/years has proposed.

13. Case No. - 6312/2019 Shri Moid Khan S/o Shri Abdul Barkat Khan, Village - Chandania, Tehsil - Pali, Dist. - Umaria, (M.P.)- 484552 Prior Environment Clearance for Stone Quarry in an area of 1.00 ha. (8,110 cum per annum) (Khasra No. 486/2 Ka), Village - Salaiya, Tehsil - Pali, Dist. - Umaria (M.P.).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 486/2 Ka), Village - Salaiya, Tehsil - Pali, Dist. - Umaria (M.P.) 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. 708 dated: 19/03/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.618 ha., including this mine.

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

| Sr. No | Sensitive Feature | Approximate aerial distance from the lease area in meters | Direction | Remarks. |
|--------|-------------------|---|------------|---------------------------|
| 1. | Water body | 180 | North-West | - |
| 2. | Pucca Road | 200 | South | - |
| 4. | Isolated hutments | 130 | East | Protection plan is needed |

After presentation the committee asked to submit following details:

- Protection plan for the nearest hutments in the East side of the lease is needed.
- Revised CER as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 11.07.2019, which was placed before the committee and the same found satisfactory. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 8,110 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.53 Lakh as capital and Rs 2.04 Lakh/year and under CSR Rs. 0.55 Lakh/years has proposed.

14. Case No. - 6313/2019 M/s Arcones Infrastructure & Construction Pvt. Ltd, Shri Sanjay Kothari, Nagpur Road, Dist. Chhindwara, MP – 480001 Prior Environment Clearance for Stone Quarry in an area of 1.501 ha. (1,15,000 cum per annum) (Khasra No. 39/3), Village - Tansara Raiyat, Tehsil - Mohkhed, Dist. Chhindwara (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 39/3), Village - Tansara Raiyat, Tehsil - Mohkhed, Dist. Chhindwara (MP) 1.501 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. 460 dated: 12/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

15. Case No. – 6345/2019 Shri Nishant Jaiswal S/o Shri Heeralal Jaiswal, Village - Bhua Bichhiya, Tehsil - Bichhiya, Dist. Mandla, MP – 481995 Prior Environment Clearance for Metal Stone Quarry in an area of 3.33 ha. (51,133 cum per annum) (Khasra No. 73/1, 73/2, 73/3, 76), Village - Nevsa Bhapsa, Tehsil - Bichhiya, Dist. Mandla (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 73/1, 73/2, 73/3, 76), Village - Nevsa Bhapsa, Tehsil - Bichhiya, Dist. Mandla (MP) 3.33 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. 317 dated: 18/02/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.96 ha., including this mine.

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

| Sr. No | Sensitive Feature | Approximate aerial distance from the lease area in meters | Direction | Remarks. |
|---------------|--------------------------|--|------------------|-----------------|
| 1. | Pond | 350 | West | - |
| 2. | Natural drain | 260 | East | - |
| 3. | Isolated hutments | 450 | South | - |

After presentation the committee asked to submit following details:

- Revised plantation @ 700/year
- Revised EMP by adding cost for plantation as suggested during presentation and CER.
- Top soil management plan is to be submitted.

PP has submitted the response of above quarries same date vide letter dated 11.07.2019, which was placed before the committee and the same found satisfactory. The EMS and

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

1. Production shall be as per mine plan with quantity not exceeding for Stone-51,133 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.8.21Lakh as capital and Rs 3.33 Lakh/year and under CSR Rs. 1.50 Lakh/years has proposed.

16. Case No. – 6368/2019 Shri Amar Singh S/o Shri Arun Singh, Gandhi Nagar, Dist. Betul, MP – 464881 Prior Environment Clearance for Metal Stone Quarry in an area of 2.00 ha. (24,795 cum per annum) (Khasra No. 42, 43/1, 44, 45, 43/2, 43/3, 288/41/1, 288/41/1), Village - Jarua, Tehsil - Begamganj, Dist. Raisen (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 42, 43/1, 44, 45, 43/2, 43/3, 288/41/1, 288/41/1), Village - Jarua, Tehsil - Begamganj, Dist. Raisen (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 Office letter No. NIL dated: NIL has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

17. Case No. – 6371/2019 Shri Yograj Sharma S/o Shri Maniram Sharma, Village - Lamaniya, Tehsil - Ganj Basoda, Dist. Vidisha, MP Prior Environment Clearance for Flagstone Quarry in an area of 1.045 ha. (2,100 cum per annum) (Khasra No. 112/2), Village - Bisloni, 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. 112/2), Village - Bisloni, Tehsil - Pathari, Dist.

Vidisha (MP) 1.045 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. 977 dated: 29/05/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

18. Case No. – 6372/2019 Shri Narendra Paliwal S/o Shri Murlidhar Paliwal, Village - Karaiya Hat, Tehsil - Sironi, Dist. Vidisha, MP – 464228 Prior Environment Clearance for Metal Stone Quarry in an area of 0.50 ha. (3,528 cum per annum) (Khasra No. 141/3), Village - Deepna Kheda, Tehsil - Sironj, Dist. Vidisha (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 141/3), Village - Deepna Kheda, Tehsil - Sironj, Dist. Vidisha (MP) 0.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. Q-43 dated: 16/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

| Sr. No | Sensitive Feature | Approximate aerial distance from the lease area in meters | Direction | Remarks. |
|--------|-------------------|---|-----------|---------------------------|
| 1. | River | 70 | South | 30 meter setback be left. |

During presentation it was observed that the lease is already excavated as mined-out pit can be seen and a River is also passing at a distance from approx. 70 meters from the lease, committee recommends by leaving additional 30 meters of setback area as non- mining zone. Considering above committee deliberated that the granted lease is of 0.50 ha only and by leaving additional 30 meters setback from the River no effective area will be available for the mining. Hence committee after deliberation decided that this can not recommended for the grant of EC and thus this case can be send to SEIAA for further necessary action.

(Dr. Mohd. Akram Khan)
Member

(Dr. J. P. Shukla)
Member

(Dr. Sonal Mehta)
Member

(Dr. R. Maheshwari)
Member

(R. S. Kori)
Secretary

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

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

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

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

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

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

Annexure- 'C'

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

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

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

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

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.

19. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.

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

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