

The 339<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 29<sup>th</sup> January, 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. Shri Prashant Srivastava, Member.
4. Dr. R. Maheshwari, Member.
5. Dr. Jai Prakash Shukla, Member.

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

1. **Case No. - 5689/2018 M/s Man Developments, G-9, Man Heritage, 6/2, South Tukoganj, Indore, (M.P.) – 452001 .Prior Environment Clearance for Group Housing Project "Royal Amar Greens" Khasra Nos. 37/1/2, 38/1, 38/2 min 1, 38/2 min 2, 38/2 min 3, 38/2 min 4, 38/2 min 5, 39/1/1, 39/1/2, 39/1/3, 39/2 min 1, 39/2 min 2, 39/2 min 3, 39/2 min 4, 39/2 min 5, at Village - Niranjanpur, Tehsil - Indore, Distt. - Indore, (M.P.), Total Plot Area: 20,350.0 sqm, Net Plot Area: 19405.0 sqm, Built-up Area: 67100.423 sqm, Built-up Area Constructed: 39843.55 sqm. Cat. - 8(a) Building and Construction Projects. EIA Presentation. Env. Con. – EQMS, Delhi.**

This is case of Prior Environment Clearance for Group Housing Project "Royal Amar Greens" Khasra Nos. 37/1/2, 38/1, 38/2 min 1, 38/2 min 2, 38/2 min 3, 38/2 min 4, 38/2 min 5, 39/1/1, 39/1/2, 39/1/3, 39/2 min 1, 39/2 min 2, 39/2 min 3, 39/2 min 4, 39/2 min 5, at Village - Niranjanpur, Tehsil - Indore, Distt. - Indore, (M.P.), Total Plot Area: 20350.0 sqm, Net Plot Area: 19405.0 sqm, Built-up Area: 67100.423 sqm, Built-up Area Constructed: 39843.55 sqm. Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled in 319<sup>th</sup> SEAC meeting dated 22/06/2018 wherein it was recorded that: - This project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> 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 Violation Project Group Housing Project "Royal Amar Greens" Khasra Nos. 37/1/2, 38/1, 38/2 min 1, 38/2 min 2, 38/2 min 3, 38/2 min 4, 38/2 min 5, 39/1/1, 39/1/2, 39/1/3, 39/2 min 1, 39/2 min 2, 39/2 min 3, 39/2 min 4, 39/2 min 5, at Village -

Niranjanpur, Tehsil - Indore, Distt. - Indore, (M.P.), Total Plot Area: 20350.0 sqm, Net Plot Area: 19405.0 sqm, Built-up Area: 67100.423 sqm, Built-up Area Constructed: 39843.55 sqm.

This case was scheduled in this meeting 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:

- M/s Man Developments has planned a group housing project "Royal Amar Greens" located at Village- Niranjanpur, District Indore, M.P.
- Land belongs to Amardeep Builders and M/s Man Developments are developers of the project and have JV agreement amongst them.
- Project site is spread over 20350 sq m (5.028 acres) and will have built-up area of 67100.423 sq m. Project comprise of 4 blocks comprising of 11 residential towers, EWS & LIG housing and club along with allied facilities.
- Till date 6 no. of towers are constructed and built up area of 39843.55 sq. m. is constructed.
- M/s Man Developments has obtained approval from Town and Country Planning (T&CP), M.P. for development of the project in 2011. Due to change in the project planning, layout was revised again in 2016 and approval was taken from the Indore Municipal Corporation (IMC) vide letter dated 15th September, 2016.

**Details of Violation:**

- M/s Man Developments has submitted application to obtain environment clearance to SEIAA, M.P. on 12.07.2012.
- After that the case was appraised by SEAC in 104th, 106th, 109th and 119th SEAC meeting and SEAC recommended the project for grant of environment clearance in its 119th SEAC meeting held on 02.02.2013.
- Project was then considered in 127th, 141st, 146th SEIAA meeting and then the SEIAA, M.P. got dissolved in November, 2013 after completion of tenure of 3 years.
- In mean time, construction at the site was started due to delay in the decision from SEIAA and increasing market debt and other liabilities as per TNCP approval obtained in 2011.
- SEIAA was formed in July, 2014 and project was considered in 161st SEIAA meeting held in June, 2014 and thereafter in 204th, 211th & 214th SEIAA meeting.
- In 214th SEIAA meeting, SEIAA considered it as violation and thus recommended SEAC to conduct a site visit.

- Case was then considered in the 227<sup>th</sup> SEIAA meeting and therein SEIAA asked proponent to submit the details as per MoEF&CC memorandum dated 12.12.2012 and initiated the credible action process against the proponent.
- Also there was a notice of NGT dated 7.07.2016 regarding violation cases and on the basis of the notice the project was kept on abeyance by SEIAA in 274<sup>th</sup> SEIAA meeting.
- A letter dated 1.1.2016 was sent by SEIAA to SEAC to conduct site visit to know status of construction at the site and the site visit was conducted by SEAC in February, 2016 and SEAC reported the status of construction at the site in its 277<sup>th</sup> meeting and send it to SEIAA for further action.
- SEIAA took up the case in 345<sup>th</sup> meeting and suggested to keep project on abeyance due to MoEF&CC draft notification dated 10.05.2016 related to violation cases.
- All the violation cases were declared on abeyance again by SEIAA in 352<sup>nd</sup> meeting and closed all the violation cases in its 417<sup>th</sup> meeting held on 20.03.2017.
- Then 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 8<sup>th</sup> 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 28<sup>th</sup> March, 2018.

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

Hence committee recommended to issue additional TOR as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates,

- Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
  4. Land acquisition status, R & R details.
  5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
  6. Baseline environmental study for ambient air (PM10, PN2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
  7. Details on flora and fauna and socio-economic aspects in the study area.
  8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
  9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
  10. Waste water management (treatment, reuse and disposal) for the project and also the study area
  11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
  12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
  13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
  14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
  15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

PP has submitted the EIA report vide letter dated 24/12/2018 which was forwarded through SEIAA vide letter no. 1893 dated 29/12/2018.

This case was scheduled for the appraisal of EIA submitted by PP. However, PP vide letter dated 22/01/2019 has requested to remain absent as due to ill health. Committee considering the request of PP decided to call him in subsequent meetings of SEAC.

- 2. Case No. - 5812/2019 Mrs. Meena Devi Agarwal, "The Agarwal Corporate House", 1, Sanjana Park, Adjoining Agarwal Public School, Bicholi Mardana Road, Indore, (M.P.) - 452016. SIA/MP/NCP/30156/2017.Prior Environment Clearance for Construction of Affordabe Housing Scheme "Sanjana Park II"(Total Plot Area = 26690 sqm., Total Built-up Area = 52025 sqm) at Khasra no 478/4/1, to 478/9 & 474, Village - Rau, Tehsil - Indore & Dist. Indore, (M.P.) Cat. - 8(a) Building and Construction Projects. EIA Presentation. Env. Con. – Green India Consulting Private Limited.**

This is case of Prior Environment Clearance for Construction of Affordabe Housing Scheme "Sanjana Park II"(Total Plot Area = 26690 sqm., Total Built-up Area = 52025 sqm) at Khasra no 478/4/1, to 478/9 & 474, Village - Rau, Tehsil - Indore & Dist. Indore, (M.P.) Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

**ToR letter issued by MoEF & CC, New Delhi vide letter no. F. No. 23-28/2016-IA-III dated 12th March 2018**

This case was scheduled for the appraisal of EIA submitted by PP. However, PP vide mail dated 22/01/2019 has requested to remain absent as due to unavoidable circumstances. Committee considering the request of PP decided to call him in subsequent meetings of SEAC.

- 3. Case No. - 5375/2016 Shri Nilesh Upadhyay S/o Rameshchandra Ji Upadhyay, 10, College road, P.O. and District. Jhabua, MP. SIA/MP/MIN/16181/2016.Prior Environment Clearance for Limestone deposit in an area of 7.50 ha. (85,500 TPA) (Khasra no.46/1) at Village- Kosdana, Tehsil - Gandhewani, Dist. Dhar (MP) EIA Presentation.Env. Cons. M/s Geogreen Enviro House Pvt.Ltd.**

This is case of Limestone deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no.46/1) at Village- Kosdana, Tehsil -

Gandhewani, Dist. Dhar (MP) 7.50 ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was presented by the PP and their consultant in 55<sup>th</sup> SEAC-II meeting dated 15/10/2016 wherein it was recorded that:

*“Being it’s 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. *Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.*
2. *Transportation plan & traffic management plan should be discussed in the EIA report.*
3. *Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.*
4. *Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.*
5. *Compliance of consent conditions of M. P. Pollution control Board from concerned Regional Office & compliance of earlier E.C condition. (if applicable)*
6. *Year wise details of minerals already excavated till date should be submitted with EIA report.*
7. *Detailed plantation Scheme with some species of meditational plants.*
8. *Photographs of sampling along with its all input output data and its back-up calculation.*
9. *Monitorings of Air, Water and Noise should be carriedout on atleast 08 locations selected on the basis of environmental sensitivity.*
10. *Environmental policy with organization management plan should be given along with EIA report.*
11. *Documents pertaining to validity of lease should be enclosed with the EIA report.*
12. *Details of yearwise production obtained (if any) should be submitted with EIA report”.*

PP has submitted EIA report vide letter dated 21/01/2019 which was forwarded through SEIAA vid letter no. 2067 dated 24/01/2019

EIA was presented by the PP and their consultant during presentation PP has submitted the following salient features of this project:

**Project description:** The Kosdana Limestone Mine is located at Village: Kosdana, Tehsil: Gandhewani, District: Dhar State: Madhya Pradesh. The Limestone mine lease area is 7.50 Ha and Khasra No.46/1, Lease area is a Private land.

**Brief description of project**

| Project name                | Kosdana Limestone mining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
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| Mining Lease Area           | 7.50 Ha                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| <b>Location of mine</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| Village                     | Kosdana                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| Tehsil                      | Gandhewani                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| District                    | Dhar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| State                       | Madhya Pradesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| Khasra No.                  | 46/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| Coordinates                 | <table border="1"> <thead> <tr> <th>Pillar</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>22<sup>o</sup> 20/ 32.55//<br/>N</td> <td>74<sup>o</sup>56/05.21// E</td> </tr> <tr> <td>2</td> <td>22<sup>o</sup> 20/ 33.62//<br/>N</td> <td>74<sup>o</sup>56/13.06// E</td> </tr> <tr> <td>3</td> <td>22<sup>o</sup> 20/ 46.29//<br/>N</td> <td>74<sup>o</sup>56/13.99// E</td> </tr> <tr> <td>4</td> <td>22<sup>o</sup> 20/ 47.12//<br/>N</td> <td>74<sup>o</sup>56/13.12// E</td> </tr> <tr> <td>5</td> <td>22<sup>o</sup> 20/ 49.01//<br/>N</td> <td>74<sup>o</sup>56/13.49// E</td> </tr> <tr> <td>6</td> <td>22<sup>o</sup> 20/ 48.63//<br/>N</td> <td>74<sup>o</sup>56/11.60// E</td> </tr> <tr> <td>7</td> <td>22<sup>o</sup> 20/ 47.84//<br/>N</td> <td>74<sup>o</sup>56/11.57// E</td> </tr> <tr> <td>8</td> <td>22<sup>o</sup> 20/ 47.68//<br/>N</td> <td>74<sup>o</sup>56/10.74// E</td> </tr> <tr> <td>9</td> <td>22<sup>o</sup> 20/ 40.41//<br/>N</td> <td>74<sup>o</sup>56/08.08// E</td> </tr> </tbody> </table> |                              |  | Pillar | Latitude | Longitude | 1 | 22 <sup>o</sup> 20/ 32.55//<br>N | 74 <sup>o</sup> 56/05.21// E | 2 | 22 <sup>o</sup> 20/ 33.62//<br>N | 74 <sup>o</sup> 56/13.06// E | 3 | 22 <sup>o</sup> 20/ 46.29//<br>N | 74 <sup>o</sup> 56/13.99// E | 4 | 22 <sup>o</sup> 20/ 47.12//<br>N | 74 <sup>o</sup> 56/13.12// E | 5 | 22 <sup>o</sup> 20/ 49.01//<br>N | 74 <sup>o</sup> 56/13.49// E | 6 | 22 <sup>o</sup> 20/ 48.63//<br>N | 74 <sup>o</sup> 56/11.60// E | 7 | 22 <sup>o</sup> 20/ 47.84//<br>N | 74 <sup>o</sup> 56/11.57// E | 8 | 22 <sup>o</sup> 20/ 47.68//<br>N | 74 <sup>o</sup> 56/10.74// E | 9 | 22 <sup>o</sup> 20/ 40.41//<br>N | 74 <sup>o</sup> 56/08.08// E |
| Pillar                      | Latitude                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Longitude                    |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| 1                           | 22 <sup>o</sup> 20/ 32.55//<br>N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 74 <sup>o</sup> 56/05.21// E |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| 2                           | 22 <sup>o</sup> 20/ 33.62//<br>N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 74 <sup>o</sup> 56/13.06// E |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| 3                           | 22 <sup>o</sup> 20/ 46.29//<br>N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 74 <sup>o</sup> 56/13.99// E |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
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| 5                           | 22 <sup>o</sup> 20/ 49.01//<br>N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 74 <sup>o</sup> 56/13.49// E |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
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| 7                           | 22 <sup>o</sup> 20/ 47.84//<br>N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 74 <sup>o</sup> 56/11.57// E |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| 8                           | 22 <sup>o</sup> 20/ 47.68//<br>N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 74 <sup>o</sup> 56/10.74// E |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| 9                           | 22 <sup>o</sup> 20/ 40.41//<br>N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 74 <sup>o</sup> 56/08.08// E |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| Minerals of mine            | Limestone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| Proposed production of mine | 85,500 TPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| Method of mining            | Opencast Semi Mechanized with Drilling & Blasting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| No of working days          | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| Cost of the Project         | 1.01 Cores                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| Water demand                | 25.0 KLD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |
| Sources of water            | Drinking water (9.5 KLD) will be taken from R.O.<br>15.5 KLD water will be supplied through private                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |  |        |          |           |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |   |                                  |                              |

|                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                       | water tankers for dust suppression and Green belt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Man power                                                                                                                             | 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| River/Nalla/Tanks/Lakes etc                                                                                                           | Pond near mine site at a distance of 1 km in east direction                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Nearest railway station                                                                                                               | Dhar Railway Station, Ambikapur - about 50km in NNE direction                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Nearest airport                                                                                                                       | Devi Ahilyabai Holkar Airport, Indore-about 98 km in NE direction                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Critically Polluted Areas(CPA)                                                                                                        | The area does not fall in Critically Polluted Area.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ecological Sensitive Areas (National Park, Wild Life Sanctuary, Biosphere Reserve, Reserve/Protected Forest etc.) within 10 Km radius | No National Park, Wild Life Sanctuaries, Mangroves & Biosphere Reserves/Biodiversity, Heritage Sites fall within 10 km radius of mine site.                                                                                                                                                                                                                                                                                                                                                                                      |
| Interstate boundary within 5 Km radius                                                                                                | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Seismic zone                                                                                                                          | Zone – II as per IS: 1893 (Part-I) : 2002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Method of Mining                                                                                                                      | The proposed method will be Semimechanized; Excavator PC 210 and dumper combination will be used for production of limestone. Occasional light shallow blasting on contract basis proposed but mostly rock breaker will be used in this area. Large size boulders manually sized and sorted to maintain the quality. Limestone sized manually with the help of heavy hammer, so that it will provide local employment. Large size of limestone boulders (150mm to 100 mm) turn in to 50 to 40 mm with the help of local labours. |
| Lease period                                                                                                                          | 50 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Proposed Production (Tonne)                                                                                                           | 85,500 TPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Bench Height (m)                                                                                                                      | OB – 3 m. / Ore (Limestone) - 5 m.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Bench Width (m)                                                                                                                       | 10 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Over all pit slope                                                                                                                    | 450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Bottom mRL proposed during plan period                                                                                                | 267m.RL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ultimate pit limit                                                                                                                    | 267 m.RL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |



|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Mineral Reserve (111 )           | 4,62,933 T.                                                                                                                    |
| Mineral Resources ( 221 &222 )   | 9,49,894 T.                                                                                                                    |
| Production proposal (2018-19)    | 85,500 T. ROM                                                                                                                  |
| Production proposal (2019-20)    | 85,500 T. ROM                                                                                                                  |
| Production proposal (2020-21)    | 85,500 T. ROM                                                                                                                  |
| Production proposal (2021-22)    | 85,500 T. ROM                                                                                                                  |
| Production proposal ( 2022-23)   | 85,500 T. ROM                                                                                                                  |
| Depth                            | 17 meters (drilled by boreholes BH 1 & 2, 17 m. total depth proved by drilling, so total thickness of nodular limestone 12m. ) |
| Ultimate pit slope               | The ultimate pit slope will be about 45° from the horizontal which is quite stable.                                            |
| Ultimate depth of Mining (m)     | 17 m from general ground level                                                                                                 |
| Elevation of ML area             | Highest Elevation- 264 m RL and Lowest elevation- 231 mRL                                                                      |
| Water Table (below ground level) | Pre Monsoon Season – 4.65 m bgl to 21.35 m bgl<br>Post Monsoon Season –3.0 m bgl to 12.80 m bgl<br><i>Source-CGWB Report</i>   |

**EXISTING ENVIRONMENT SCENARIO:**

The EIA study is being done for the Mine Lease (core zone) and area within 10 Km distance from mine lease boundary (buffer zone), both of which together comprise the study area. The data on Land Environment, Air Environment, Water Environment, Soil Environment, Noise Environment, Biological Environment and Socio-economic Environment through field survey and other sources, has been collected by M/s. Geogreen Enviro House Pvt. Ltd., Lucknow, for preparing the EIA/EMP.

**Summary of Monitoring Results**

| <b>Parameters</b> | <b>Number of</b> | <b>Description</b> |
|-------------------|------------------|--------------------|
|-------------------|------------------|--------------------|

|                                           | Locations                                     |                                                                                                                                                                                                                                               |
|-------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background Ambient Air Quality Monitoring | Monitoring was done at 8 Locations            | PM10 –75.88 to 93.83 µg/m <sup>3</sup><br>PM2.5 -36.65 to 47.93 µg/m <sup>3</sup><br>SO <sub>2</sub> –19.71 to 22.63 4µg/m <sup>3</sup><br>NO <sub>2</sub> –28.66 to 31.21 µg/m <sup>3</sup><br>Results were found within permissible limits. |
| Noise Level Monitoring                    | Monitored at 7 Locations                      | Noise Level During Day Time – 66.0 to 52.0 Leq dB(A)<br>Noise Level During Night Time – 42.0 to 53.0 Leq dB(A). Results were found within permissible limits.                                                                                 |
| Water Sampling                            | Ground water sampling was done at 4 Locations | All the Parameters Like TDS (908 mg/l to 1028 mg/l), pH (7.37 to 7.69), Fluoride (0.4 mg/l to 0.6 mg/l), Sulphate (72.0 mg/l to 88.0 mg/l) etc. are found within the permissible limits.                                                      |
|                                           | 2 locations at Surface water                  | All the Parameters Like TDS (105 mg/l to 119 mg/l), pH (7.10 to 7.65) are found within the permissible limits.                                                                                                                                |
| Soil Sampling                             | Sampling was done at 6 Locations              | pH – 8.03 to 8.92<br>Texture – Sandy Loam<br>Organic carbon – 0.21 % to 0.91 %                                                                                                                                                                |

### **Flora and Fauna**

Flora of Dhar District is quite abundant. In Dhar District, the vast forests include some interesting vegetation. Forest cover in this district of Madhya Pradesh is quite high and it houses some incomprehensible diversity of trees, flowers, and other shrubs. Several species of teak trees are also found here. The study on terrestrial fauna in the study area is based on the field investigation, reports of Forest Department, Revenue department and Zoological Survey of India. Mostly domestic animal like cow, buffalo and goat are reported in the study area.

### **Socio-Economic Survey**

All the basic facilities like road and rail network, medical facilities, post and telegraph, market, drinking water facilities and education facilities are available. The project will also provide

impetus to industrialization of the area and mining would be boon for the district as it will not only result in employment opportunity but also infrastructure development and overall growth of the area. At present agriculture is the main occupation of the people as more than half of the population depends on it. With the implementation of the proposed mining project the occupational pattern of the people in the area will change making more people.

### **ENVIRONMENT MANAGEMENT PLAN**

The environment management plan is prepared with a view to facilitate effective environmental management of the project. Apart from having an Environmental Management Plan, environment management cell consisting of mines manager, safety officer and environmental officer is constituted. A budget of Rs. 5.50 Lakhs for EMP, Rs. 100,000 for Occupational Health and Safety and for Shelter & Sanitation Rs. 1, 50,000 are incurred by Project Proponent.

### **PROJECT BENEFITS**

The surrounding inhabitants around the mine lease area are mainly agricultural oriented. Opportunities for jobs activities will be created and mining will serve as a source of permanent livelihood. The mine will create employment directly or indirectly. Additional, certain works like transportation will be outsourced on contract. So, overall effect of mining is expected to be positive.

During presentation it was observed by the committee that the site is located very near to a water body which lies on the eastern side. PP has also submitted the MoEF&CC compliance report wherein 03 conditions are reported as non compliant by inspecting authority. After presentation and discussion, PP was asked to submit following informations:

1. Revised working plan with its HFL and RL marked on lease boundary atleast 60 mts to be left as no mining zone from HFL of the water body.
2. Revised machinery, manpower and traffic management plan as per revised working plan.
3. Photographs of the co-ordinates pillar boundary along with its lat/log are to be submitted by the PP.
4. Peripheral drainage pattern on map should be provided with natural drainage pattern.
5. Revised plantation scheme is to be submitted.
6. Organization chart is to be submitted.
7. Revised water balance chart as suggested by the committee.
8. Details of top soil and OB management plan as suggested by committee.
9. Revised EMP & CSR as discussed during presentation.
10. Undertaking from PP that no tree falling is proposed.

11. Approved mining scheme is to be submitted by the PP.
  12. Submission of PP on 03 non complaint earlier EC conditions as reported by the MoEF&CC.
  13. An undertaking from the PP that all the environmental attributes, production capacity and all other related things are same in Form-I, PFR, Pubic Hearing and final EIA report.
- 4. Case No. - 5805/2018 Indore Municipal Corporation (PMAY), 107, 109, First Floor, Palika Plaza, Indore, (M.P.) - 452007. Prior Environment Clearance for Construction of Gulmarg Parisar (Affordabe Housing Project) (Total Plot Area = 71,310.0 sqm., Total Built-up Area = 1,28,158.02 sqm) at Khasra No. – 885/1/1, Village - Kanadia, Tehsil - Sanyogitaganj Dist. - Indore, Category: 8(a) Building & Construction Project.Environmental Consultant: Sri sai manasa nature tech (p) limited, Hyderabad.**

This is case of Prior Environment Clearance for Gulmarg Parisar (Affordabe Housing Project) (Total Plot Area = 71,310.0 sqm., Total Built-up Area = 1,28,158.02 sqm) at Khasra No. – 885/1/1, Village - Kanadia, Tehsil - Sanyogitaganj & Dist. - Indore, (M.P.) Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant and during presentation, PP has submitted following salient features of this project:

**PROJECT SITE FEATURES:**

|                            |                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| Total Plot Area            | 71,310 m <sup>2</sup>                                                                                     |
| Built up area              | 1,28,158.02 m <sup>2</sup>                                                                                |
| No. of floors              | 1 BHK – P+8<br>2 BHK – P+9                                                                                |
| Estimated population       | The total population of proposed project (residents + visitors) has been estimated around 7040 persons    |
| Parking facilities         | Open - 308 Nos.<br>Stilt – 334 Nos.<br>Total – 642 Nos.                                                   |
| Power requirement & source | About 2000 KW power will be required for the Project and it will be sourced from State Electricity Board. |

|                              |                                                                                                                                 |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Water requirement & source   | Water Requirement: 955 KLD<br>Reuse of treated wastewater from STP : 688 KLD<br>Source : Municipal Supply by Local Municipality |
| Sewage treatment             | Sewage generated : 764 KLD<br>Sewage treatment facility: STP of 900 KLD (2 x 450 KLD) is proposed                               |
| Total Solid waste generation | 3562 kg/day (garbage)                                                                                                           |

### CALCULATIONS FOR STORM WATER LOAD

| Type of Area                                                                                                               | Area (in m <sup>2</sup> ) | Coefficient of run-off | Peak rainfall intensity during one hour of rainfall (in m) | Rain water harvesting potential/hour (in m <sup>3</sup> ) |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------|------------------------------------------------------------|-----------------------------------------------------------|
| Roof-top area/Plinth Area                                                                                                  | 10083.6                   | 0.8                    | 0.025                                                      | 201.7                                                     |
| Green Area                                                                                                                 | 8154                      | 0.4                    | 0.025                                                      | 81.5                                                      |
| Open Area                                                                                                                  | 41781.33                  | 0.4                    | 0.025                                                      | 417.8                                                     |
| Road Area                                                                                                                  | 11001.26                  | 0.6                    | 0.025                                                      | 110.0                                                     |
| Others                                                                                                                     | 860                       | 0.4                    | 0.025                                                      | 8.6                                                       |
| Total storm water load on the site with per hour retention is                                                              |                           |                        |                                                            | 718.1                                                     |
| Considering 15 minutes retention time, total storm water load                                                              |                           |                        |                                                            | 179.5                                                     |
| Taking the radius as 1.2 m and effective depth as 1.2 m, volume of a RWH pit ( s2h)                                        |                           |                        |                                                            | 1.728                                                     |
| Hence no. of pits required in approx. = Total storm water load considering 15 minutes retention time / Volume of a RWH pit |                           |                        |                                                            | <b>103.9</b>                                              |
| Total Nos of Pits                                                                                                          |                           |                        |                                                            | <b>104</b>                                                |

This case was presented by the PP and their consultant, wherein it was observed from the given co-ordinates that the distance of this project site from the Ralamandal Wildlife Sanctuary is <10 km for which committee asked PP to apply for the NBWL Clearance and submit the copy of this application for further consideration of this project as per OM No. J-11013/41/2006-

IA.II (I) Dated 02/12/2009 and copy of the application made to the competent authority has to be submitted by the PP to SEAC for considering the case. PP submitted that they have applied online for wild life clearance and the same has been accepted with proposal no. FP/MP/Others/3856/2019 and date of submission is 24/01/2019 and submitted the copy of the online acknowledgement. As per the Google image (dated 29/11/2017) it was observed by the committee that proposed site is very undulating having mined out pits. After presentation, PP was asked to submit following informations:

1. Revised Storm water management plan along with its detailed calculations.
2. Solid waste management plan is to be submitted by the PP.
3. Revised stage -wise and year-wise Plantation details is to be submitted by the PP.
4. Revised EMP is to be submitted by the PP.
5. Revised energy conservation plan.
6. Copy of the Environmental policy of the company.
7. An undertaking by the PP that no litigations are pending related to this project in any court of law.

PP vide letter dated 29/01/2019 submitted reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation 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 Gulmarg Parisar (Affordabe Housing Project) (Total Plot Area = 71,310.0 sqm., Total Built-up Area = 1,28,158.02 sqm) at Khasra No. – 885/1/1, Village - Kanadia, Tehsil - Sanyogitaganj Dist. - Indore, Cat. 8(a) subject to the following special conditions and NBWL clearance:

**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 clearance from the National Board for wildlife, as project lies within the 10 kms radius of Ralamandal Abhayaran.
- iv. 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.

- v. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- vi. 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.
- vii. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- viii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- ix. 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 proposed (Capacity – 3 x 75 KVA, 2 x 100 KVA and 1 x 150 KVA) 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. Low sulphur diesel shall be used on DG Sets. The location of the DG sets may be decided with in consultation with MP 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 gaseous emission from DG set 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.
- xi. For indoor air quality, the ventilation provisions as per National Building Code of India shall be provided.

### **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 use shall not exceed 955 KLD.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be to monitor 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 pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious 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. PP should explore the possibility of providing water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation.
- 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. Rain water harvesting recharge pits 104 shall be provided for ground water recharging as per the CGWB norms.
- xii. All recharge should be limited to shallow aquifer.
- xiii. No ground water shall be used during construction phase of the project.
- xiv. 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.
- xv. 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.
- xvi. Sewage shall be treated in the STP 900 KLD (2 x 450 KLD) with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing and gardening. As proposed, 277 KLD treated water shall only be disposed in to municipal drain after having approval from the competent authority.
- xvii. No sewage or untreated effluent water would be discharged through storm water drains.
- xviii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problems from STP.
- xix. 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 (Capacity – 3 x 75 KVA, 2 x 100 KVA and 1 x 150 KVA), 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. Energy conservation measures like installation of 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.
- iv. 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.
- v. 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.

#### **VI. Waste Management**

- i. 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.
- ii. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iii. Organic waste Converter within the premises with a minimum capacity of 0.3 Kg/person/day must be installed.
- iv. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- v. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the MP Pollution Control Board.

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

## **VII. Green Cover**

- i. Not tree can be felled/transplant unless exigencies demand. Where absolute 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.
- ii. 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 plantation scheme minimum of 500 no's of trees to be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
- iii. 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.
- iv. 8154.00 sq meters of area shall be provided for green belt development as per the details provided in the project document.
- v. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
- vi. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stock piled 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 642 Nos. ECS shall be provided as proposed by PP out of which 308 are open and 334 stilt parking.
- 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 shall be provided.
- 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 labor 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. In the construction phase PP has proposed Rs. 33.25 lakh as capital cost and Rs. 02.23 lacks/year for recurring expenses in the proposed EMP of this project. In the operation phase, PP proposed Rs. 05.08 lakh as capital cost and Rs. 05.05 lacks/year for recurring expenses in the project. However, for plantation, PP has proposed 01.90 Lakh as capital cost and 01.35 lakh / year as recurring in the EMP of operation phase.
- iii. 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.
- iv. 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.
- v. 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.

#### **XI. Miscellaneous**

- i. 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 Expert Appraisal Committee.

ii. The proposed land use of the project is as follows:

| S.No. | Particular                    | Area in Sqm      | Area in %     |
|-------|-------------------------------|------------------|---------------|
| 1     | Plinth Area (Ground Coverage) | 10,083.6         | 19.70         |
| 2     | Green Cover Area              | 8154.0           | 15.93         |
| 3     | Open area                     | 11,001.26        | 21.49         |
| 4     | Road Area                     | 21,085.98        | 41.20         |
| 5     | Others (Future Planning)      | 860.0            | 1.68          |
|       | <b>Total</b>                  | <b>51,184.84</b> | <b>100.00</b> |

- 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. 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. - 5806/2018 Indore Municipal Corporation (PMAY), 107, 109, First Floor, Palika Plaza, Indore, (M.P.) – 452007. SIA/MP/NCP/ 88136/2018.Prior Environment Clearance for Construction of Nilgiri Parisar (Affordabe Housing Project) (Total Plot Area = 2,82,060.0 sqm., Total Built-up Area = 63,460.72 sqm) at Khasra No. – 220, Village - Sanawadia, Tehsil - Indore & Dist .- Indore, (M.P.). Category: 8(a) Building & Construction Project. Env. Con. – Amaltas Enviro Industrial Consultants, New Delhi.**

This is case of Prior Environment Clearance for Construction of Nilgiri Parisar (Affordabe Housing Project) (Total Plot Area = 2,82,060.0 sqm., Total Built-up Area = 63,460.72 sqm) at Khasra No. – 220, Village - Sanawadia, Tehsil - Indore & Dist. - Indore, (M.P.). Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

This case was presented by the PP and their consultant, wherein it was observed from the given co-ordinates that the distance of this project site from the Ralamandal Wildlife Sanctuary is <10 km for which committee asked PP to apply for the NBWL Clearance and submit the copy of this application for further consideration of this project as per OM No. J-11013/41/2006-IA.II (I) Dated 02/12/2009 and copy of the application made to the competent authority has to be submitted by the PP to SEAC for considering the case.

6. **Case No. - 5807/2018 Indore Municipal Corporation (PMAY), 107, 109, First Floor, Palika Plaza, Indore, (M.P.) - 452007. SIA/MP/NCP/ 88273/2018.Prior Environment Clearance for Construction of Aravali Parisar (Affordabe Housing Project) (Total Plot Area = 69,838.65 sqm., Total Built-up Area = 95,647.37 sqm) at Khasra No. – 1//1/1, Village - Bhicholi Hapsi, Tehsil - Sanyogitaganj & Dist. - Indore, (M.P.). Category: 8(a) Building & Construction Project. Env. Con. – Amaltas Enviro Industrial Consultants, New Delhi. (TOR -V)**

This is case of Prior Environment Clearance for Construction of Aravali Parisar (Affordabe Housing Project) (Total Plot Area = 69,838.65 sqm., Total Built-up Area = 95,647.37 sqm) at Khasra No. – 1//1/1, Village - Bhicholi Hapsi, Tehsil - Sanyogitaganj & Dist. - Indore, (M.P.). Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

This case was presented by the PP and their consultant, wherein it was observed from the given co-ordinates that the distance of this project site from the Ralamandal Wildlife Sanctuary is <10 km for which committee asked PP to apply for the NBWL Clearance and submit the copy of this application for further consideration of this project as per OM No. J-11013/41/2006-IA.II (I) Dated 02/12/2009 and copy of the application made to the competent authority has to be submitted by the PP to SEAC for considering the case.

7. **Case No. - 5811/2018 M/s Indore Municipal Corporation (PMAY), 107, 109, First Floor, Palika Plaza, Indore, MP – 452007. SIA/MP/NCP/88199/2018.Prior Environment Clearance for Satpura Parisar (Affordable Housing Project) Total Plot Area = 74,989 sqm., Total Built-up Area = 11,1169.71 sqm. At Khasra No. 242/1, 242/2/1 of Bada Bangarda 424/236/3 of Budhania, Village - Bada Bangarda and Budhania, Tehsil - Hatod & Dist.- Indore, (M.P.), Cat. - 8(a) Building and Construction Projects. Env. Con. – Sri Sai Manasa Nature Tech Pvt. Ltd., Hyderabad.**

This is case of Prior Environment Clearance for Satpura Parisar (Affordable Housing Project) Total Plot Area = 74,989 sqm., Total Built-up Area = 11,1169.71 sqm. At Khasra No. 242/1, 242/2/1 of Bada Bangarda 424/236/3 of Budhania, Village - Bada Bangarda and Budhania, Tehsil - Hatod & Dist.- Indore, (M.P.),Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

This 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. During presentation, PP submitted following salient features of the project:

**Salient Features of the Project:**

| Sr. No. | Particulars                                                                        | Details                                                                                                                                                    |
|---------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | Name of the Project                                                                | Proposed <b>SatpuraParisar (Affordable Housing Project)</b> by <b>M/s. Indore Municipal Corporation</b>                                                    |
|         | Location                                                                           | Khasra : 242/1, 242/2/1, of BadaBangarda 424/236/3 of Budhania" Village-BadaBangarda and Budhania, Mandal- Indore, District- Indore, Madhya Pradesh        |
| 2       | Name of the Company                                                                | M/s. Indore Municipal Corporation                                                                                                                          |
|         | Address                                                                            | Indore Municipal Corporation (PMAY)<br>107, 109, First Floor Palika Plaza Indore -452007                                                                   |
| 3       | Latitude and Longitude of the project                                              | Latitude 22°45'44.76"N<br>Longitude 75°46'49.60"E                                                                                                          |
| 4       | If a Joint venture, the names & addresses of the JV partners including their share | NA                                                                                                                                                         |
| 5       | Type of Building                                                                   | Affordable Housing Project under PMAY                                                                                                                      |
|         | Project brief: nature of proposal (new/expansion,)                                 | New (violation)                                                                                                                                            |
| 6       | Total Plot Area                                                                    | Total Plot Area : 74989m <sup>2</sup><br>Total Deductions : 20816m <sup>2</sup><br><b>Net Plot Area: 54,173m<sup>2</sup></b>                               |
| 7       | Total Ground Coverage                                                              | Ground Coverage (29.40%) =15927.31Sq.m                                                                                                                     |
| 8       | Total Builtup Area                                                                 | 111169.71m <sup>2</sup>                                                                                                                                    |
| 9       | Cost of the project                                                                | INR 187.99 Cr.                                                                                                                                             |
| 10      | Dwelling Units                                                                     | 1 BHK -1344Nos.<br>2 BHK -792Nos.<br>Shops – 71Nos.                                                                                                        |
| 11      | Road and Internal Circulations space/Paved area                                    | Road Area- 19051Sq. m (35.17%)<br>Open Area –3252Sq.m (6.00%)                                                                                              |
| 12      | Landscape                                                                          | 11181m <sup>2</sup> (20.64%)                                                                                                                               |
| 13      | Nos. of trees                                                                      | Total nos. of trees Required: 1 tree/80 sq.m<br>= (Total Planning area – Ground coverage)/80<br>54173-15927.31)/80 =478nos.<br>Planning = <b>500 Plant</b> |
| 14      | Nos. of Floor and basements                                                        | 1 BHK – P+8<br>2 BHK – P+9                                                                                                                                 |
| 15      | Parking facilities                                                                 | Open - 365 Nos.<br>Stilt – 430 Nos.<br><b>Total – 795 Nos.</b>                                                                                             |
| 16      | Power Requirement and Sources                                                      | About 3100 KW power will be required for the Project                                                                                                       |



| <b>Sr. No.</b> | <b>Particulars</b>                        | <b>Details</b>                                                                                                          |
|----------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|                |                                           | and it will be sourced from State Electricity Board.                                                                    |
| 17             | Power backup                              | Backup power supply is planned for the project through DG Set                                                           |
| 18             | Water requirement and Sources             | Total Water requirement -1454 KLD<br>Fresh Water Requirement – 968KLD<br>Source of the water is municipal water supply. |
| 19             | Estimated population (Fixed and Floating) | 9336nos                                                                                                                 |
| 20             | Height of the building                    | 27.0 M                                                                                                                  |
| 21             | Connectivity                              | Railway Station Indore 10.0 km, ESE<br>Indore Airport– 5.5 Km SE                                                        |

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

Hence committee recommended to issue additional TOR as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PM2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO), water

- (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area
  8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
  9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
  10. Waste water management (treatment, reuse and disposal) for the project and also the study area
  11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
  12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
  13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
  14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.  
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.

**8. Case No. - 5813/2019 The Executive Engineer, Water Resources Division, Sheopur, (M.P.). Prior Environment Clearance for Munjri Irrigation Project [1. Gram Panchayat – Ratodan, Bukhari, Subkara, Bagalda. 2. Tehsil – Baroda (Ratodan, Bagalda), Karahal (Bukhari, Subkar. 3. Janpad Panchayat – Sheopur (Ratdan, Bagalda), Karahal (Subkara). 4. Zila Panchayat – Sheopur.] Proposed Capacity- 56.247 MCM Village - Sheopur, Baroda, Tehsil - Karahal & Dist. - Sheopur, (M.P.). Cat. - 1(c) River Valley Projects.**

This is a River Valley projects involving < 10,000 ha. of culturable command area and denies the general conditions falls under category "B" and have been mentioned at SN. 1(c) column B of Schedule of EIA Notification, hence such projects are required to obtain prior EC from

the SEIAA. The application for EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP.

This case was presented by the PP and their consultant wherein during presentation it was observed by the co-ordinates provided by the PP that this project lies at a distance of less than 5 km from the interstate boundary and thus this project falls under “A” category and need to be appraised at MoEF&CC. (See point no. 9- III (5) in from-1) During presentation PP also submitted that their project lies < 5.00 Kms radius of the interstate boundary. Committee recommends that being a category-A project PP may be asked to apply in MoEF & CC for its appraisal and further necessary action.

**9. Case No. - 5816/2019 M/s Unidrug Innovative Pharma Technologies Ltd, Plot No. 84, Sector E, Sanwer Road, Industrial Area, Indore, M.P. SIA/MP/IND2/30358/18. Prior Environment Clearance for Capacity Expansion of Manufacturing of Bulk Drug & Intermediate Production Capacity- 1200 TPA & 400 TPA at (Khasra No. 84, 85A, 85B, 86B & 72B) Sanwer Road, Indore (MP).**

This is a case Prior Environment Clearance for Capacity Expansion of Manufacturing of Bulk Drug & Intermediate at (Khasra No. 84, 85A, 85B, 86B & 72B) Sanwer Road, Indore (M.P.) Capacity – 1200 TPA & 400 TPA ha. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was presented by PP and their consultant .The following are the salient features of the project:

**Salient Features of the project:**

| <b>FOR industry PROJECTS</b> |                                                |                                                                                                                                                                                           |
|------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S. no.                       | Particular                                     | Details                                                                                                                                                                                   |
| 1                            | Name of the project & its location             | Capacity expansion in manufacturing Of Bulk Drugs & Intermediates<br>PLOT NO. 84, 85 <sup>a</sup> , 85B, 86B, & 72B,<br>SECTOR E, SANWER ROAD<br>INDUSTRIAL AREA INDORE<br>MADHYA PRADESH |
| 2                            | Name of the Company, Address Tele No. & E-mail | M/S. Unidrug Innovative Pharma Tech Limited, Plot No. 84, Sector E, Sanwer Road Industrial area, Indore                                                                                   |

|       |                                                                                                                          |                                                                                     |
|-------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|       |                                                                                                                          | (MP)                                                                                |
| 3     | Latitude and Longitude of the project                                                                                    | 22.77'' 33 <sup>0</sup> N - 75.84'' 31 <sup>0</sup> 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 | Expansion, 9038.22 Sq Meter<br>180 TPA to 1200 TPA and 400 TPA<br>as non EC product |
| 6     | Cost of the project                                                                                                      | Existing : 4.33 Crore      Proposed :<br>13.25 Crores                               |
| 7     | Whether the project is in the Critically Polluted Area (CPA):                                                            | NA                                                                                  |
| 8     | If the project is for EC under EIA Notification, 2006                                                                    |                                                                                     |
| a)    | For the first time appraisal by EAC                                                                                      | Yes                                                                                 |
| (i)   | Date of ToR:                                                                                                             |                                                                                     |
| (ii)  | Date of Public Hearing, location                                                                                         | NA                                                                                  |
| (iii) | Major issues raised during PH and response of PP                                                                         | NA                                                                                  |
| b)    | Second appraisal                                                                                                         | NA                                                                                  |
| (i)   | Date of first /earlier appraisal                                                                                         | NA                                                                                  |
| (ii)  | Details of the information sought by the EAC with the response of the PP.                                                | NA                                                                                  |
| 9     | If the project involves diversion of forest land                                                                         | NA                                                                                  |
| (i)   | extend of the forest land                                                                                                | NA                                                                                  |
| (ii)  | status of forest clearance                                                                                               | NA                                                                                  |

|       |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                 |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10    | If the project falls within 10 km of eco-sensitive area (i) Name of eco-sensitive area and distance from the project site, (ii) status of clearance from National Board for wild life | NA                                                                                                                                                                                                                                                              |
| 11    | Waste Management                                                                                                                                                                      |                                                                                                                                                                                                                                                                 |
| (i)   | Water requirement, source, status of clearance                                                                                                                                        | The total fresh water requirement for the project will be approx. 129 KLD, which will be sourced from tanker supply and IMC, Indore.                                                                                                                            |
| (ii)  | Waste water quantity, treatment capacity, detail                                                                                                                                      | Existing : 1.25 KLD Additional : 25.60 KLD ( Total= 26.85 KLD)<br>UIPTL will install in ETP of 50 KLD, RO of 20 KLD, and MEE of 30 KL/day. The treated water will be used for cooling towers, floor washing and green belt.                                     |
| (iii) | Recycling / reuse of treated water and disposal                                                                                                                                       | The treated water will be used for cooling towers, floor washing and green belt                                                                                                                                                                                 |
| (iv)  | Solid Waste Management                                                                                                                                                                | Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, as per Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2008 (Amendment 2016). |
| (v)   | Hazardous Waste Management                                                                                                                                                            | HSD will used for the DG sets. The waste oil from DG set and machineries shall be stored in MS drums and shall be disposed of to authorize recyclers under direction of SPCB.                                                                                   |
| 12    | Other details                                                                                                                                                                         |                                                                                                                                                                                                                                                                 |
| (i)   | Noise Modeling with noise                                                                                                                                                             |                                                                                                                                                                                                                                                                 |

|       |                                                                                                                                |                                                                                                                                                                                                                                   |
|-------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | control measures for airports                                                                                                  |                                                                                                                                                                                                                                   |
| (ii)  | Details of water bodies, impact on drainage if any                                                                             | Khan River – 1.75km - SE<br>Sirpur Tank – 6.00km- SWS<br>Bilawali Talab – 10.00km – SE<br>Pipliyapala Talab – 8.25km- S<br>Nalla – 0.50km- SE<br>Nalla- 3.50km – E<br>Sirpur Talav – 7.00km- SWS<br>Kankayari Nalla – 9.50km – SE |
| (iii) | Details of tree cutting                                                                                                        |                                                                                                                                                                                                                                   |
| (iv)  | Energy conservation measures with estimated saving                                                                             |                                                                                                                                                                                                                                   |
| (v)   | Green belt development (20 % of construction projects and 33 % for others)                                                     | Existing : 12.15sqm<br>Proposed: 856.20sqm                                                                                                                                                                                        |
| (vi)  | Parking requirement with provision made                                                                                        | Details will be given in EIA                                                                                                                                                                                                      |
| 13    | If the project involves foreshore facilities                                                                                   | NA                                                                                                                                                                                                                                |
| (i)   | Shoreline study                                                                                                                |                                                                                                                                                                                                                                   |
| (ii)  | Dredging details, disposal of dredge material                                                                                  |                                                                                                                                                                                                                                   |
| (iii) | Reclamation                                                                                                                    |                                                                                                                                                                                                                                   |
| (iv)  | Cargo handling with dust control measures                                                                                      |                                                                                                                                                                                                                                   |
| (v)   | Oil Spill Contingent Management Plan                                                                                           |                                                                                                                                                                                                                                   |
| 14    | If the project involves Marine disposal                                                                                        | NA                                                                                                                                                                                                                                |
| (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                                                                                                             |                                                                                                      |
| (iii) | location of intake / outfall.<br>Quantity,                                                                                     |                                                                                                      |
| (iv)  | detail of monitoring at<br>outfall                                                                                             |                                                                                                      |
| (v)   | Any other relevant<br>information                                                                                              |                                                                                                      |
| 15    | Other information                                                                                                              |                                                                                                      |
| (i)   | Investment/Cost of the<br>project is Rs.....(in<br>crore).                                                                     | Existing : 4.33 Crore Proposed :<br>13.25 Crores                                                     |
| (ii)  | Employment<br>potential.....                                                                                                   | Existing : 65 proposed : 70 Total :<br>135                                                           |
| (iii) | Benefits of the<br>project.....                                                                                                | Employment and CSR activities                                                                        |
| 16    | Date of Ground water<br>clearance                                                                                              | NA                                                                                                   |
| 17    | Cost of proposed EMP and<br>CSR (with detailed<br>components & proposed<br>activities) with capitol cost<br>and recurring cost | Existing : 0.72 Crore Additional :<br>0.53 Crore ( Total= 1.25 Crore)<br>Details given in EIA report |
| 18    | Numbers of plantation with<br>name of species proposed<br>& area allocated for<br>plantation with budgetary<br>provisions      | Existing : 12.15sqm Total :<br>856.20sqm<br>Details given in EIA report                              |
| 19    | Any river/Nallha flowing<br>near or adjacent to the<br>proposed mine. If yes,<br>please give details                           | Nalla – 0.50km- SE                                                                                   |

The case was presented by the PP and their consultant. During presentation PP submitted that the unit is in operation since 1997 with valid consent of air and water till date. The unit does not require environment clearance under EIA notification 1994 as the investment was less than Rs.01.00 crore. Since unit proposing expansion in production capacity, it requires environment clearance under EIA notification 2006. After presentation, committee decided to

recommend standard TOR prescribed by MoEF&CC with following additional TOR and as per annexure-D:

1. PP should provide entire product mix in the EIA report.
2. Worst case scenario w.r.t. waste water and hazardous waste should be submitted.
3. Details of solvents and their recovery plan should be discussed in the EIA report.
4. VOC should be monitored in the AAQ.
5. All MSDS should be provided with the EIA report.
6. Industry has to comply with zero discharge for which necessary details should be provided in the EIA report.
7. Compliance report of consent conditions from MP Pollution control Board.
8. Land use plans of the plant both existing land use as well as proposed land use and PP should assure that no existing green area shall be altered for which a written commitment be submitted with the EIA report.
9. Details of any waste at present lying within the plant premises and if yes, same should be discussed in the EIA report with its disposal plan.
10. Inventory of existing and proposed machinery and if any existing machinery proposed to be used same shall be presented in the EIA report.
11. PP should explore possibility of using Biofuel based technology in boilers.

**10. Case No. - 5819/2019 M/s Western Colonizers - Developers, 101 A, Orchard Point, Palace Orchard, Kolar Road, Bhopal, MP – 462042 SIA/MP/NCP/22879/2018. Prior Environment Clearance for Construction of Western Courtyard, Western Court, Western Heights, Singapur Villas & J.K.Town - Phase II (Total Plot Area = 1,60,600 sqm., Total Built-up Area = 1,24,683.43 sqm) at Khasra no. 336/2/1, 337, 338/3, 339/1, 339/2, 340/2, 341/1/2, 319, 329, 331/2, 332/3/3, 333, 336/2/2, 338/2, 332/3/2, 341/1/1, 340/1, 331/1, 332/3/1, Village - Banjari, Tehsil - Huzur & Dist. Bhopal, MP . Env. Con. – In Situ Enviro Care, Bhopal - (M.P.).**

This is case of Prior Environment Clearance for Construction of Western Courtyard, Western Court, Western Heights, Singapur Villas & J.K.Town - Phase II of Land Owners M/s Ananjay Construction & Contracts Pvt. Ltd. & New Vallabh Co-Operative Housing Society Ltd. Developed by M/s Western Colonizers.(Total Plot Area = 160600sqm. (16.06 Hect.), Total Built-up Area = 124683.43 sqm) Khasra No. 336/2/1, 337, 338/3, 339/1, 339/2, 340/2, 341/1/2, 319, 329, 331/2, 332/3/3, 333, 336/2/2, 338/2, 332/3/2, 341/1/1, 340/1, 331/1/1, 332/3/1. at Village - Banjari, Tehsil - Huzur & Dist. Bhopal, (M.P.).Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.



This 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. During presentation, PP submitted following salient features of the project:

**Salient Features of the Project:**

| S. No. | Item                                                                                   | Details                                                                                                                                                                                                                                        |
|--------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.     | Name of the project                                                                    | Western Courtyard, Western Court, Western Heights, Singapur Villas & J.K. Town – Phase II Of Land Owners M/S. Ananjay Construction & Contracts Pvt. Ltd. & New Vallabh Co-Operative Housing Society Ltd. Developed By M/s. Western Colonizers. |
| 2.     | S. No. in schedule                                                                     | The project is categorized as 'B-2' under item 8 (a) of Schedule -Gazette Notification dated Sep 14th, 2006 and subsequent amendments issued by MoEF, New Delhi on 01.12.09 and 04.04.2011.                                                    |
| 3.     | New / Expansion / Modernization                                                        | New                                                                                                                                                                                                                                            |
| 4.     | Category of Project i.e. 'A' or 'B'                                                    | 'B'                                                                                                                                                                                                                                            |
| 5.     | Does it attract the General condition?<br>If Yes, please specify.                      | No                                                                                                                                                                                                                                             |
| 6.     | Does it attract the Specific condition?<br>If Yes, please specify.                     | No                                                                                                                                                                                                                                             |
| 7.     | Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal | Bhopal Municipal Corporation                                                                                                                                                                                                                   |

|    |                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8. | Proposed capacity / area / length / tonnage to be handled / command area / lease area / number of wells to be drilled | <p>The land use of the proposed project is as under:-</p> <p><b>Total plot area as per T &amp; CP approvals 160600.00 Sq. Mt. (16.06 Hect.)</b></p> <p><b>Area of planning for western colonizer = 12.45 Hect.</b></p> <p><b>Rest Area of New Vallabh Co-operative Housing Society Ltd. = 3.61 hect.(Infrastructure Development Only)</b></p> <p><b>Total area deduction in 60/18 M. Road = 2.39 Hect.</b></p> <p><b>Net Planning Area = 10.06 Hect.</b></p> <p><b>Scheme = 10.05 Hect.</b></p> <p><b>Total B/up Area for Western Colonizer = 124683.43 Sq.mt.</b></p> <p>The project involves the construction of <b>9 Towers (G+8) &amp; (G+10) having 512 nos. units for residential Flats in western court yard &amp; western Height, 392 No. Duplexes &amp; Triplexes in Western Court &amp; Singapur Villa, 168 No. LIG and EWS units, 60 Nos. Shops. The total maximum height of the</b></p> |
| 9. | <p>Location</p> <p>Plot/Survey/Khasra No.</p> <p>Village</p> <p>Tehsil</p> <p>District</p> <p>State</p>               | <p>Coordinates: 23°10'35.40"N, 77°25'32.21"E</p> <p>Vill.- Banjari, Tehsil-Huzur, District- Bhopal (M.P.) – India</p> <p>336/2/1, 337, 338/3, 339/1, 339/2, 340/2, 341/1/2, 319, 329, 331/2, 332/3/3, 333, 336/2/2, 338/2, 332/3/2, 341/1/1, 340/1, 331/1, 332/3/1.</p> <p>Banjari</p> <p>Huzur</p> <p>Bhopal</p> <p>Madhya Pradesh</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

|     |                                                                                                                                                                |                                                                                                                               |             |                       |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|
| 10. | Nearest railway station/airport along with distance in kms.                                                                                                    | <b>Habibganj Railway Station</b> is at a distance of about 7.6 KMS.<br><b>Bhopal Airport</b> at a distance of about 22.3 KMS. |             |                       |
| 11. | Nearest Town, City, District Headquarters along with distance in kms.                                                                                          | <b>Nearest</b>                                                                                                                | <b>Name</b> | <b>Distance</b>       |
|     |                                                                                                                                                                | City                                                                                                                          | Bhopal      | Within Municipal Area |
|     |                                                                                                                                                                | District Headquarters                                                                                                         | Bhopal      | 10.6 Kms              |
| 12. | Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)                              | Bhopal Municipal Corporation                                                                                                  |             |                       |
| 13. | Name of the applicant                                                                                                                                          | <b>M/S. Western Colonizers - Developer</b>                                                                                    |             |                       |
| 14. | Registered Address                                                                                                                                             | 101 A, Orchard Point, Palace Orchard, Kolar Road, Bhopal - 462042                                                             |             |                       |
| 15. | Address for correspondence:                                                                                                                                    | 101 A, Orchard Point, Palace Orchard, Kolar Road, Bhopal - 462042                                                             |             |                       |
|     | Name                                                                                                                                                           | <b>Mr. P. Raju</b>                                                                                                            |             |                       |
|     | Designation (Owner/Partner/CEO)                                                                                                                                | <b>Partner</b>                                                                                                                |             |                       |
|     | Address                                                                                                                                                        | 101 A, Orchard Point, Palace Orchard, Kolar Road, Bhopal.                                                                     |             |                       |
|     | Pin Code                                                                                                                                                       | 462042                                                                                                                        |             |                       |
|     | E-mail                                                                                                                                                         | 1.1 <a href="mailto:rajendrawesterngroup@gmail.com">rajendrawesterngroup@gmail.com</a>                                        |             |                       |
|     | Telephone No.                                                                                                                                                  | <b>1.2 0755 – 4299323/9893028468</b>                                                                                          |             |                       |
|     | Fax No.                                                                                                                                                        | <b>1.3 --</b>                                                                                                                 |             |                       |
| 16. | Whether there is any litigation pending against the project and/or land in which the project is propose to be set up?<br>(a) Name of the Court<br>(b) Case No. | No litigation is pending against the project or the project land in any court of law to the best of knowledge.                |             |                       |

|            |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------|---------------|-----------|----------------------|------------------|-----------|----------------|-------------|-----------|--------------------------|---------|-----------|---------------------|--------------------------------------------------|-----------|------------------------------|-----------|-----------|--------------------------|----------|-----------|--------------------------------|------------------------------------------|-----------|-----------------------------|--------------------------------------------|------------|----------------------|----------------------------|
|            | (c) Orders/directions of the Court, if any and its relevance with the proposed project.                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| 17.        | List out all the major project requirements in terms of the land area, built up area, water consumption, power requirement, connectivity, community facilities, parking needs etc. | <table border="1"> <tr> <td><b>1.</b></td> <td><b>Total Plot Area</b></td> <td>160600 Sq.Mt.</td> </tr> <tr> <td><b>2.</b></td> <td><b>Built up area</b></td> <td>124683.43 Sq.Mt.</td> </tr> <tr> <td><b>3.</b></td> <td><b>Heights</b></td> <td>B+P+30 Mts.</td> </tr> <tr> <td><b>4.</b></td> <td><b>Water Consumption</b></td> <td>756 KLD</td> </tr> <tr> <td><b>5.</b></td> <td><b>STP Capacity</b></td> <td>635 KLD 100% Load<br/>Proposed STP Capacity : 800</td> </tr> <tr> <td><b>6.</b></td> <td><b>Sold Waste Generation</b></td> <td>2.186 TPD</td> </tr> <tr> <td><b>7.</b></td> <td><b>Power Requirement</b></td> <td>4500 KVA</td> </tr> <tr> <td><b>8.</b></td> <td><b>Connectivity Facilities</b></td> <td>Project site is adjacent to J K Hospital</td> </tr> <tr> <td><b>9.</b></td> <td><b>Community Facilities</b></td> <td>J K Hospital- 140 Meter.<br/>Kolar – 2.3 km</td> </tr> <tr> <td><b>10.</b></td> <td><b>Parking Needs</b></td> <td>Parking Provided- 1003 Car</td> </tr> </table> | <b>1.</b> | <b>Total Plot Area</b> | 160600 Sq.Mt. | <b>2.</b> | <b>Built up area</b> | 124683.43 Sq.Mt. | <b>3.</b> | <b>Heights</b> | B+P+30 Mts. | <b>4.</b> | <b>Water Consumption</b> | 756 KLD | <b>5.</b> | <b>STP Capacity</b> | 635 KLD 100% Load<br>Proposed STP Capacity : 800 | <b>6.</b> | <b>Sold Waste Generation</b> | 2.186 TPD | <b>7.</b> | <b>Power Requirement</b> | 4500 KVA | <b>8.</b> | <b>Connectivity Facilities</b> | Project site is adjacent to J K Hospital | <b>9.</b> | <b>Community Facilities</b> | J K Hospital- 140 Meter.<br>Kolar – 2.3 km | <b>10.</b> | <b>Parking Needs</b> | Parking Provided- 1003 Car |
| <b>1.</b>  | <b>Total Plot Area</b>                                                                                                                                                             | 160600 Sq.Mt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| <b>2.</b>  | <b>Built up area</b>                                                                                                                                                               | 124683.43 Sq.Mt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| <b>3.</b>  | <b>Heights</b>                                                                                                                                                                     | B+P+30 Mts.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| <b>4.</b>  | <b>Water Consumption</b>                                                                                                                                                           | 756 KLD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| <b>5.</b>  | <b>STP Capacity</b>                                                                                                                                                                | 635 KLD 100% Load<br>Proposed STP Capacity : 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| <b>6.</b>  | <b>Sold Waste Generation</b>                                                                                                                                                       | 2.186 TPD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| <b>7.</b>  | <b>Power Requirement</b>                                                                                                                                                           | 4500 KVA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| <b>8.</b>  | <b>Connectivity Facilities</b>                                                                                                                                                     | Project site is adjacent to J K Hospital                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| <b>9.</b>  | <b>Community Facilities</b>                                                                                                                                                        | J K Hospital- 140 Meter.<br>Kolar – 2.3 km                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| <b>10.</b> | <b>Parking Needs</b>                                                                                                                                                               | Parking Provided- 1003 Car                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| 18.        | Name of the consultant                                                                                                                                                             | In Situ Enviro Care<br>Address: E- 7/829, Shahpura, Arera Colony, Bhopal - 462016 (M.P.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |
| 19.        | SR. No. in Nabet/QCI List                                                                                                                                                          | 86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                        |               |           |                      |                  |           |                |             |           |                          |         |           |                     |                                                  |           |                              |           |           |                          |          |           |                                |                                          |           |                             |                                            |            |                      |                            |

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8<sup>th</sup> March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant

and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

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

or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

**11. Case No. - 5798/2018 M/s Madhya Pradesh Police Housing Infrastructure & Development Corporation, G-13, First Floor, MIG Colony, Behind Christian Eminent School, Indore, (M.P.) – 474001. SIA/MP/NCP/84990/2018. Prior Environment Clearance for Construction of (48 + 192) High-Rise Quarters (Total Plot Area = 46225.37 sqm., Total Built-up Area = 23924.83 sqm) No. of DU's – 240 No., Number of Building Blocks- 03 No., at Khasra No. - 69, 71, GRP Land, Village - Bicholi Hapsi, Tehsil - Sanyogitaganj & Dist. - Indore, (M.P.). Category: 8(a) Building & Construction Project.**

This is case of Prior Environment Clearance for Construction of (48 + 192) High-Rise Quarters (Total Plot Area = 46225.37 sqm. Total Built-up Area = 23924.83 sqm) No. of DU's – 240 No., Number of Building Blocks- 03 No., at Khasra No. - 69, 71, GRP Land, Village - Bicholi Hapsi, Tehsil - Sanyogitaganj & Dist. - Indore, (M.P.). Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in 338<sup>th</sup> SEAC meeting dated 02/01/2019 and during presentation following details were provided.

**Salient Features of the project:**

**1. Name of the Project & its location:**

Proposed Construction of (48+192) High-Rise Qtrs. at GRP Land, BicholiHapsi, Indore, Madhya Pradesh is being developed by M.P. Police Housing & Infrastructure Development Corporation Ltd. having registered address G-13, First Floor, M.I.G. Colony, Behind Christian Eminent School, Indore (M.P.).

**2. Name of the Company, Address Tele No. & E-mail:**

M.P. Police Housing & Infrastructure Development Corporation Ltd.

G-13, First Floor, M.I.G. Colony, Behind Christian Eminent School, Indore, M.P-252001

Tele. No: 0731-2422422, 7049100801

E-mail: cofirstbn@gmail.com

**3. Latitude & Longitude of the project:**

The latitude and longitude of the project of plot boundary follows:

| S.NO. | Latitude      | Longitude     |
|-------|---------------|---------------|
| A     | 22°42'54.80"N | 75°55'08.02"E |
| B     | 22°42'54.61"N | 75°55'13.60"E |
| C     | 22°42'53.65"N | 75°55'14.42"E |
| D     | 22°42'43.09"N | 75°55'06.79"E |
| E     | 22°42'43.18"N | 75°55'06.39"E |
| F     | 22°42'53.17"N | 75°55'06.39"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.**

Proposed Construction of (48+192) High-Rise Qtrs. at GRP Land, BicholiHapsi, Indore, Madhya Pradesh. Total project will be developed on plot area of 46225.37 sq. m. Which is part of existing police housing complex on total plot area 56220 sq. m., the built-up area of the proposed development is 23924.83 sq. m.

The site is proposed to be connected to NH-3: 0.95 KM (East), NH-59: 0.96 KM (South), NH-59A: 4.25 KM (North East) and SH-27: 5.62 KM (South East).

**6. Cost of the project:**

The total cost of the project is 36Crores.

**7. Whether the project is in Critically Polluted area.**

NA

**8. If the project is for EC under EIA Notification, 2006**

a) For the first time appraisal by EAC

(i) Date of ToR: NA

(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

**9. If the project involves diversion of forest land**

(i) Extend of the forest land: NA

(ii) Status of forest clearance: NA

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

(i) Name of eco- sensitive area and distance from the project site: Ralamandal wildlife sanctuary 9.76 KM (South East).

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

**11. Waste Management**

**(i) Water requirement, source, status of clearance:** Total water demand of the project is 128 KLD out of which the fresh water demand will be 71 KLD and sourced by Nagar Palika Nigam, Indore. Treated water will be met through on site STP.

**(ii) Waste water quantity, treatment capacity, detail:** Total waste water generated from the project is 82 KLD, which will be treated on site STP having capacity of 100 KLD.

**(iii) Recycling / reuse of treated water and disposal:** 57 KLD recycled waste water will be used for flushing, DG cooling and green belt development and rest 8 KLD treated water will be discharged into public sewer.

**(iv) Solid Waste Management:** 0.61 TPD solid wastes will be generated from the proposed project and will be disposed through Nagar Palika Nigam, Indore.

**(v) Hazardous Waste Management:** Nominal amount of hazardous waste will be generated from the DG operation and will be disposed through authorized 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:** Not involved

**(iv) Energy conservation measures with estimated saving:** Solar energy will be used for Street and parks lighting.

**(v) Green belt development (20 % of construction projects and 33 % for others):** Proposed Green area will be 8884sqm.

**(vi) Parking requirement with provision made:** Total proposed parking is 258 ECS

### **13. If the project involves foreshore facilities**

(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**

(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: 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 is Rs. 36(in crore).

(ii) Employment potential: About 100 labours will be employed during the construction of the project.

**(iii) Benefits of the project:**

- Employment will be generated during construction phase.

**16. Date of Ground water clearance: NA**

**17. Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost:**

EMP costs of the project during operation phase are following.

| COMPONENT                                               | CAPITAL COST (Rs in Lacs) | RECURRING COST (Rs in Lacs)/Annum |
|---------------------------------------------------------|---------------------------|-----------------------------------|
| Sewage treatment plant ( 100 kld)                       | 18                        | 6.6                               |
| Rain water harvesting system (3 no)                     | 12                        | 3                                 |
| Solid waste composter (Organic Waste Converter 0.4 tpd) | 7                         | 3.5                               |
| Horticulture development                                | 8                         | 3.5                               |
| Roof top spv plant (8 kwp)                              | 6.4                       | 0.4                               |
| Environment monitoring                                  |                           | 1.5                               |
|                                                         |                           |                                   |
| <b>TOTAL</b>                                            | <b>51.4</b>               | <b>18.5</b>                       |

**18. Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions: As per Form-1.**

**19. River/Nallha flowing near or adjacent to the proposed mine. If yes, please give details:**  
Saraswati River, 6.18 KM (North East) of the proposed project.

**Project details:**

| SN             | Description     | Particulars | Unit |
|----------------|-----------------|-------------|------|
| <b>GENERAL</b> |                 |             |      |
| 1              | Total Plot Area | 56220       | SQM  |

|                              |                                               |                 |         |
|------------------------------|-----------------------------------------------|-----------------|---------|
| 2                            | Net Plot Area                                 | 46225.37        | SQM     |
| 3                            | Proposed Built Up Area                        | 23924.83        | SQM     |
| 4                            | Number of Building Blocks                     | 03              | NOS     |
| 5                            | Total no of DU's                              | 240             | NOS     |
| 6                            | Max Height of Building                        | 42              | M       |
| 7                            | Max No of Floors                              | (S+12), (B+S+6) | NOS     |
| 8                            | Cost of Project                               | 36              | CR      |
| 9                            | Expected Population                           | 1210            | PERSONS |
| 10                           | Proposed Ground Coverage Area (5.14 %)        | 2378.06         | SQM     |
| 11                           | Permissible FAR Area                          | 92450.74        | SQM     |
| 12                           | Proposed FAR Area (@ 0.33)                    | 15315.48        | SQM     |
| 13                           | Non FAR, & Other areas                        | 8609.35         | SQM     |
| 14                           | Proposed Built Up Area                        | 23924.83        | SQM     |
| <b>WATER</b>                 |                                               |                 |         |
| 15                           | Total Water Requirement                       | 128             | KLD     |
| 16                           | Fresh water requirement                       | 71              | KLD     |
| 17                           | Waste water Generation                        | 81              | KLD     |
| 18                           | Proposed STP Capacity                         | 100             | KLD     |
| 19                           | Treated Water Available for Reuse             | 65              | KLD     |
| 20                           | Recycled Water                                | 57              | KLD     |
| 21                           | Surplus treated water                         | 8               | KLD     |
|                              |                                               |                 |         |
| <b>RAIN WATER HARVESTING</b> |                                               |                 |         |
| 22                           | No of RWH of Pits Proposed                    | 3               | NOS     |
| <b>PARKING</b>               |                                               |                 |         |
| 23                           | Total Parking Required as / Building Bye Laws | 258             | Cars    |
| 24                           | Total Proposed Parking                        | 258             | Cars    |
| 25                           | Proposed Surface & Stilt Parking              | 221             | Cars    |
| 26                           | Proposed Basement Parking                     | 37              | Cars    |

| <b>GREEN AREAS</b>      |                                            |         |         |
|-------------------------|--------------------------------------------|---------|---------|
| 27                      | Required Green Area                        | 4622.54 | SQM     |
| 28                      | Proposed Green Area (19.22 % of Plot Area) | 8884    | SQM     |
| <b>WASTE GENERATION</b> |                                            |         |         |
| 29                      | Municipal Solid Waste Generation           | 0.61    | TPD     |
| 30                      | Quantity of E-Waste Generation-Kg/Day      | 3.9     | KG/DAY  |
| 31                      | Quantity of Hazardous waste Generation     | 0.5     | LTS/DAY |
| 32                      | Quantity of Sludge Generated from STP      | 118     | KG/DAY  |
| <b>POWER</b>            |                                            |         |         |
| 33                      | Total Power Requirement                    | 720     | KVA     |
| 34                      | DG set backup                              | 160     | KVA     |

This case was presented by the PP and their consultant in 338<sup>th</sup> SEAC meeting dated 02/01/2019, wherein it was observed from the given co-ordinates that the distance of this project site from the Ralamandal Wildlife Sanctuary is <10 km for which committee asked PP to apply for the NBWL Clearance and submit the copy of this application for further consideration of this project as per OM No. J-11013/41/2006-IA.II (I) Dated 02/12/2009.

PP vide letter no. 14 dated 05/01/2019 has submitted the copy of online application submitted for WL Clearance. PP has applied online for wild life clearance with proposal no. FP/MP/Others/3772/2019 and date of submission is 04/01/2019 and thus the case was placed in agenda for appraisal.

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

**12. Case No. - 5799/2018 M/s Madhya Pradesh Police Housing Infrastructure & Development Corporation, G-13, First Floor, MIG Colony, Behind Christian Eminent School, Indore, (M.P.) - 474001. SIA/MP/NCP/84995/2018. Prior Environment Clearance for Construction of (12 + 480) High-Rise Quarters at 1st Battalion, S.A.F., Indore, No. of DU's - 492 No., Number of Building Blocks - 06 No., (Total Plot Area = 227790 sqm., Total Built-up Area = 43474.34 sqm) at Khasra No. - 36, Village - Kashwa, Tehsil - Malharganj & Indore, (M.P.). Category: 8(a) Building & Construction Project.**

This is case of Prior Environment Clearance for Construction of (12 + 480) High-Rise Quarters at 1<sup>st</sup> Battalion, S.A.F., Indore, No. of DU's - 492 No., Number of Building Blocks - 06 No., (Total Plot Area = 227790 sqm., Total Built-up Area = 43474.34 sqm) at Khasra No. - 36, Village - Kashwa, Tehsil - Malharganj & Dist.-Indore, (M.P.). Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in 338<sup>th</sup> SEAC meeting dated 02/01/2019 and during presentation following details were provided.

**Salient Features of the project:**

**1. Name of the Project & its location:**

Proposed Construction of (12+480) High-Rise Qtrs. at 1st Battalion, Sadar Bazar, Indore, Madhya Pradesh is being developed by M.P. Police Housing & Infrastructure Development Corporation Ltd. having registered address G-13, First Floor, M.I.G. Colony, Behind Christian Eminent School, Indore (M.P.).

**2. Name of the Company, Address Tele No. & E-mail:**

M.P. Police Housing & Infrastructure Development Corporation Ltd.

G-13, First Floor, M.I.G. Colony, Behind Christian Eminent School, Indore, M.P-252001

Tele. No: 0731-2422422, 7049100801

E-mail: cofirstbn@gmail.com

**3. Latitude & Longitude of the project:**

The latitude and longitude of the project of plot boundary follows:

| S.NO. | Latitude      | Longitude     |
|-------|---------------|---------------|
| A     | 22°43'55.25"N | 75°51'01.88"E |
| B     | 22°43'55.85"N | 75°51'07.17"E |
| C     | 22°44'01.96"N | 75°51'05.68"E |
| D     | 22°44'01.97"N | 75°51'07.60"E |
| E     | 22°44'03.52"N | 75°51'07.48"E |
| F     | 22°44'04.36"N | 75°51'25.52"E |
| G     | 22°43'50.80"N | 75°51'26.07"E |
| H     | 22°43'50.68"N | 75°51'17.50"E |
| I     | 22°43'45.13"N | 75°51'16.99"E |
| J     | 22°43'45.02"N | 75°51'16.96"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.**

Proposed Construction of (12+480) High-Rise Qtrs. at 1st Battalion, Sadar Bazar, Indore, Madhya Pradesh. Total project will be developed on plot area of 224667 sq. m which is part of existing police housing complex on total plot area 227790 sq. m. the built-up area of the proposed development is 43474.34 sq. m.

The site is proposed to be connected to NH-3: 7.75 KM (East), NH-59: 1.47 KM (South), NH-59A:6.05 KM (South East) and SH-27: 0.01 KM (West).

**6. Cost of the project:**

The total cost of the project is 65Crores.

**7. Whether the project is in Critically Polluted area.**

NA

**8. If the project is for EC under EIA Notification, 2006**

- a) For the first time appraisal by EAC
  - (i) Date of ToR: NA
  - (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

### **9. If the project involves diversion of forest land**

- (i) Extend of the forest land: NA
- (ii) Status of forest clearance: NA

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

- (i) Name of eco- sensitive area and distance from the project site: Ralamandal wildlife sanctuary 6.48 KM (South)
- (ii) Status of clearance from National Board for wild life: NA

### **11. Waste Management**

**(i) Water requirement, source, status of clearance:** Total water demand of the project is 282 KLD out of which the fresh water demand will be 151 KLD and sourced by Nagar Palika Nigam, Indore. Treated water will be met through on site STP.

**(ii) Waste water quantity, treatment capacity, detail:** Total waste water generated from the project is 164 KLD, which will be treated on site STP having capacity of 200 KLD.

**(iii) Recycling / reuse of treated water and disposal:** 131 KLD recycled waste water will be used for flushing, DG cooling and green belt development.

**(iv) Solid Waste Management:** 1.23 TPD solid waste will be generated from the proposed project and will be disposed through Nagar Palika Nigam, Indore.

(v) **Hazardous Waste Management:** Nominal amount of hazardous waste will be generated from the DG operation and will be disposed through authorized 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:** Not Involved

(iv) **Energy conservation measures with estimated saving:** Solar energy will be used for Street and parks lighting.

(v) **Green belt development (20 % of construction projects and 33 % for others):** Proposed Green Area will be 24648 sqm.

(vi) **Parking requirement with provision made:** Total proposed parking is 878 ECS

## 13. If the project involves foreshore facilities

(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

(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: 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 is Rs. 65(in crore).

(ii) Employment potential: About 100 labours will be employed during the construction of the project.

**(iii) Benefits of the project:**

Employment will be generated during construction phase.

**16. Date of Ground water clearance: NA**

**17. Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost:**

EMP costs of the project during operation phase are following.

| Component                                               | Capital cost (rs in lacs) | Recurring cost (rs in lacs)/annum |
|---------------------------------------------------------|---------------------------|-----------------------------------|
| Sewage treatment plant ( 200 kld)                       | 25                        | 7.2                               |
| Rain water harvesting system (6 no)                     | 24                        | 3                                 |
| Solid waste composter (organic waste converter 0.7 tpd) | 10                        | 4.3                               |
| Horticulture development                                | 12                        | 5.4                               |
| Roof top spv plant (15 kwp)                             | 12                        | 0.75                              |
| Environment monitoring                                  |                           | 1.5                               |
|                                                         |                           |                                   |
| <b>Total</b>                                            | <b>83</b>                 | <b>22.15</b>                      |

**18. Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions:**

| S.NO. | PLANT BOTANICAL NAME  | COMMON NAME          | HEIGHT (MM) | QUANTITY |
|-------|-----------------------|----------------------|-------------|----------|
| 1     | DELONIX REGIA         | GULMOHUR             | 4.60        | 30       |
| 2     | CASSIA FISTULA        | AMALTAS              | 2.40        | 10       |
| 3     | JACARANDA MIMOSIFOLIA | BLUE JACARANDA       | 3.00        | 17       |
| 4     | ERYTHRINA INDICA      | INDIAN CORAL TREE    | 3.00        | 10       |
| 5     | PLUMERIA ALBA         | CHAMPA               | 2.40        | 31       |
| 6     | CASSIA GRANDIS        | BRAZILIAN CASSIA     | 2.40        | 32       |
| 7     | BAUHINIA BLAKEANA     | HONGKONG ORCHID TREE | 2.40        | 12       |
| 8     | TABEBUIA AVELLANEDAE  | PINK TABEBUIA        | 3.00        | 8        |
| 9     | SPATHODEA CAMPANULATA | AFRICAN TULIP TREE   | 4.60        | 32       |
| 10    | SARACA THAIPINGENSIS  | YELLOW ASHOKA        | 2.40        | 57       |
| 11    | PHOENIX DACTYLIFERA   | DATE PALMS           | 4.60        | 16       |
| 12    | FICUS BENJAMINA       | WEeping FIG          | 3.60        | 4        |
| 13    | MIMUSOPS ELENGI       | MAULSARI/ BAKUL      | 2.40        | 7        |
| 14    | AZADIRACHTA INDICA    | NEEM TREE            | 3.00        | 15       |
|       |                       |                      |             |          |
| Total |                       |                      |             | 120      |

| S.no. | Plant botanical name         | Common name        | Height (mm) | Quantity |
|-------|------------------------------|--------------------|-------------|----------|
| 1     | Tecoma gaudi chaudi (t.g.c.) | Gaudi chaudi       | 0.90        | 185      |
| 2     | Bougainvillea                |                    | 0.90        | 761      |
| 3     | Enermi                       | Glory bower        | 0.90        | 235      |
| 4     | Pandanus                     | Screw pine         | 0.60        | 55       |
| 5     | Thevetia peruviana           | Pilli kaner        | 0.90        | 39       |
| 6     | Cestrum nocturnum            | Raat ki rani       | 0.60        | 37       |
| 7     | Jasminum sambac              | Mogra              | 0.45        | 65       |
| 8     | Pennisetum setaceum          | Fountain grass     | 0.45        | 28       |
| 9     | Hymenocallis littoralis      | Spider lilies      | 0.45        | 50       |
| 10    | Washingtonia filifera        | Desert fan palm    | 1.80        | 9        |
| 11    | Tmc (tabernaemontana c.)     |                    |             | 147      |
| 12    | Nerium indicum               | Pink kaner         | 0.90        | 108      |
| 13    | Ixora singaporensis          | Ixora              | 0.45        | 13       |
| 14    | Galphimia                    | Slender goldshower | 0.45        | 80       |
| 15    | Hamelia                      | Firebush           | 0.60        | 120      |
| 16    | Bignonia venusta             | Flamevine          | 0.45        | 12       |
| 17    | Rhapis palm                  | Lady palm          | 0.75        | 14       |
| 18    | Cycus palm                   | Sago palm          | 1.20        | 7        |
| 19    | Grass ground cover           |                    |             | 62       |

|       |                       |                 |  |      |
|-------|-----------------------|-----------------|--|------|
| 20    | Wedelias ground cover | Creeping-oxeyes |  | 52   |
| Total |                       |                 |  | 2079 |

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

Saraswatiriver 0.27 KM (East) of the proposed project.

**Project salient features**

| SN             | Description                           | Particulars   | Unit    |
|----------------|---------------------------------------|---------------|---------|
| <b>GENERAL</b> |                                       |               |         |
| 1              | Total Plot Area                       | 227790        | SQM     |
| 2              | Net Plot Area                         | 224667        | SQM     |
| 3              | Pocket Area                           | 25420         | SQM     |
| 4              | Proposed Built Up Area                | 43474.34      | SQM     |
| 5              | Number of Building Blocks             | 6             | NOS     |
| 6              | Total no of DU's                      | 492           | NOS     |
| 7              | Max Height of Building                | 42            | M       |
| 8              | Max No of Floors                      | (S+12), (G+2) | NOS     |
| 9              | Cost of Project                       | 65            | CR      |
| 10             | Expected Population                   | 2454          | PERSONS |
| 11             | Proposed Ground Coverage Area (1.86%) | 4184.98       | SQM     |
| 12             | Permissible FAR Area                  | 449334.00     | SQM     |
| 13             | Proposed FAR Area (@ 0.13)            | 28923.84      | SQM     |
| 14             | Non FAR, & Other areas                | 14550.50      | SQM     |
| 15             | Proposed Built Up Area                | 43474.34      | SQM     |
| <b>WATER</b>   |                                       |               |         |
| 16             | Total Water Requirement               | 282           | KLD     |
| 17             | Fresh water requirement               | 151           | KLD     |
| 18             | Waste water Generation                | 164           | KLD     |

|                              |                                               |             |         |
|------------------------------|-----------------------------------------------|-------------|---------|
| 19                           | Proposed STP Capacity                         | 200         | KLD     |
| 20                           | Treated Water Available for Reuse             | 131         | KLD     |
| 21                           | Recycled Water                                | 131         | KLD     |
| SN                           | Description                                   | Particulars | Unit    |
| <b>RAIN WATER HARVESTING</b> |                                               |             |         |
| 22                           | No of RWH of Pits Proposed                    | 6           | NOS     |
| <b>PARKING</b>               |                                               |             |         |
| 23                           | Total Parking Required as / Building Bye Laws | 865         | Cars    |
| 24                           | Total Proposed Parking                        | 878         | Cars    |
| 25                           | Proposed Surface                              | 816         | Cars    |
| 26                           | Proposed Stilt Parking                        | 62          | Cars    |
| <b>GREEN AREAS</b>           |                                               |             |         |
| 27                           | Required Green Area                           | 22466.7     | SQM     |
| 28                           | Proposed Green Area (10.97)                   | 24648       | SQM     |
| <b>WASTE GENERATION</b>      |                                               |             |         |
| 29                           | Municipal Solid Waste Generation              | 1.23        | TPD     |
| 30                           | Quantity of E-Waste Generation- Kg/Day        | 8.0         | KG/DAY  |
| 31                           | Quantity of Hazardous waste Generation        | 0.9         | LTS/DAY |
| 32                           | Quantity of Sludge Generated from STP         | 170         | KG/DAY  |
| <b>POWER</b>                 |                                               |             |         |
| 33                           | Total Power Requirement                       | 1476        | KVA     |
| 34                           | DG set backup                                 | 320         | KVA     |

This case was presented by the PP and their consultant in 338<sup>th</sup> SEAC meeting dated 02/01/2019, wherein it was observed from the given co-ordinates that the distance of this project site from the Ralamandal Wildlife Sanctuary is <10 km for which committee asked PP to apply for the NBWL Clearance and submit the copy of this application for further consideration of this project as per OM No. J-11013/41/2006-IA.II (I) Dated 02/12/2009.

PP vide letter no. 15 dated 05/01/2019 has submitted the copy of online application submitted for WL Clearance. PP has applied online for wild life clearance with proposal no. FP/MP/Others/3773/2019 and date of submission is 04/01/2019 and thus the case was placed in agenda for appraisal.

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

**13. Case No. - 5822/2019 Shri Rahul Singh S/o Shri Rajendra Kumar Singh, Kaloo Kua, Dist. Banda, UP – 210001 SIA/MP/MIN/ 89668/2018.Prior Environment Clearance for Stone Mine Quarry in an area of 13.0 Ha. (3,28,967 cum per annum) (Khasra No. 350/1 (Part)) at Village- Bedar, Tehsil - Maharajpur, Dist. Chhatarpur (MP)**

This is case of Stone Mine Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site 13.0 Ha. (3,28,967 cum per annum) (Khasra No. 350/1 (Part)) at Village- Bedar, Tehsil - Maharajpur, Dist. Chhatarpur (MP).The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, information of the leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman-patr) vide letter no. 1542 dated: 05/12/2015 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

**Salient features of the project:**

| S.No | Areas                                          | Details                                                                                                                                  |
|------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Name of the project & its location             | Bedar Stone Quarry (13.0 Ha), Village–Bedar, Tehsil- Maharajpur , District-Chhatarpur (M.P)                                              |
| 2    | Name of the Company, Address Tele No. & E-mail | Shri Rahul Singh +91-7000298828<br>rahul6948036@gmail.com                                                                                |
| 3.   | Latitude and Longitude of the project          | A. 25°4'29.92" N 79°43'58.25" E<br>B. 25°4'33.31" N 79°43'59.64" E<br>C. 25°4'30.90" N 79°43'51.57" E<br>D. 25°4'31.64" N 79°43'53.84" E |
| 4    | If a Joint venture, the names & addresses of   | No                                                                                                                                       |

|    |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | the JV partners including their share                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5  | Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc | Road Metal Stone (Granite) for Gitti mining will be done by Open cast semi-mechanized with helping of crusher & explosive.<br>Total area-13.0 Ha<br>During lease Period 11.5427 Ha area will be excavated<br>The lease area can be approached from district head quarter Chhatarpur to Village Bedar.<br>The lease area is 25.8 Km from NE Direction of Chhatarpur.<br>NH-86 approx-2.21 Km (Aerial Dist) West Direction from the Proposed site |
| 6  | Whether the project is in the Critically Polluted Area (CPA)                                                              | No                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 7  | Cost of the project                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 8  | Employment generated/to be generated                                                                                      | During mining operation about 40-45 labours i.e. skilled, semi-skilled and unskilled will be required. Indirect employment- Driver, cleaner for loader & dumper, loading and unloading points where labors are required.                                                                                                                                                                                                                        |
| 9  | Benefits of the project                                                                                                   | The mining project will create local employment to the villagers and they will get employment.<br>The Benefits of the project include development of the Infrastructure and facilities of local villagers.                                                                                                                                                                                                                                      |
| 10 | Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii What is the % of expansion                 | New (Fresh Application for Environmental Clearance)                                                                                                                                                                                                                                                                                                                                                                                             |
| 11 | .If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006. 1                                | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 12 | If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF       | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                         |                                                                                                       |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 13 | No. and Date of the ToR /and revised ToR, if any, letter issued by the authority                                                                                                                                                                                                                                                                                                                                                                                                                | Not applicable                                                                                                                          |                                                                                                       |
| 14 | No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)                                                                                                                                                                                                                                                                                                              | Not applicable                                                                                                                          |                                                                                                       |
| 15 | If the project was considered in EAC, Pl. gives dates of the meeting (s)                                                                                                                                                                                                                                                                                                                                                                                                                        | No                                                                                                                                      |                                                                                                       |
| 16 | Type of Mine: (Open cast/Underground/mixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Open cast semi-mechanized                                                                                                               |                                                                                                       |
| 17 | Capacity of the mine applied for                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No                                                                                                                                      |                                                                                                       |
| 18 | ML Area<br>i. As per block allotment<br>ii. As per approved mine plan                                                                                                                                                                                                                                                                                                                                                                                                                           | As per approved mine plan                                                                                                               |                                                                                                       |
| 19 | Date of approval of mine plan, mine closure plan, status & date                                                                                                                                                                                                                                                                                                                                                                                                                                 | Date of approval of mine plan-30/10/2018                                                                                                |                                                                                                       |
| 20 | Date of Board's approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NA                                                                                                                                      |                                                                                                       |
| 21 | Date of Ground water clearance                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NA                                                                                                                                      |                                                                                                       |
| 22 | Date of mine closure approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NA                                                                                                                                      |                                                                                                       |
| 23 | Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                         |                                                                                                       |
|    | Monitoring Program -Twice in a Year ( Air, Water & Noise )<br><b>Pollution Mitigation Program/year</b><br><ul style="list-style-type: none"> <li>• Dust suppression / fixed road side water sprinkling system through 12 tankers ( 10,000 liters capacity)</li> <li>• Cost of preparing/ maintenance / bulldozing of approach road</li> <li>• Afforestation /plantation at both side of approach road .</li> <li>• Solar Light</li> <li>• Construction &amp; Maintenance of male and</li> </ul> | <b>Rs. 80,000</b><br><br><b>Capital Amount (Rs/ year)</b><br>10,00,000<br><br>20,00,000<br><br>4,50,000<br><br>3,00,000<br><br>1,20,000 | Recurring Amount (in Rs/year)<br>2,00,000<br><br>2,00,000<br><br>1,00,000<br><br>60,000<br><br>50,000 |

|                                                                                                                                                       |                  |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|
| Female Toilet & Annual Maintenance of Shelter Room                                                                                                    |                  |                  |
| • Occupational Health checkup facility                                                                                                                | 1,00,000         | 50,000           |
| • Personal Protective Equipment (PPE's)                                                                                                               |                  |                  |
| <b>Total</b>                                                                                                                                          | 1,00,000         | 50,000           |
| <b><u>CSR BUDGET PER YEAR</u></b>                                                                                                                     | <b>40,70,000</b> | <b>7,,10,000</b> |
| ✓ <input type="checkbox"/> Digital India campaign-computer & Internet training with trainer for Villagers. Trainer will continue for next five years. | 3,50,000         | 1,50,000         |
| ✓ Provide need based furniture nearby school and Anganwadi centers                                                                                    | 1,00,000         | 30,000           |
| For Villagers:                                                                                                                                        |                  |                  |
| ✓ Construction of community toilets in nearby by village/school with water facility.                                                                  |                  |                  |
| ✓ Medical camps                                                                                                                                       | 1,00,000         | 10,000           |
| ✓ Skill development center established at nearby villages for youth woman i.e. motor winding training stitching training for woman and girls          | 2,50,000         | 50,000           |
| ✓ Drip irrigation facility farmers of nearby villages.                                                                                                | 4,00,000         | 50,000           |
| ✓ PP shall construct Community Hall at nearby village                                                                                                 |                  |                  |
| ✓ Construction of community toilets in nearby by village/school with water facility                                                                   | 3,00,000         | 50,000           |
| ✓ Provision of play ground for children's in nearby villages.                                                                                         | 4,00,000         | 50,000           |
| ✓ PP shall provide Hand pumps installation; Water supply system at near by Village                                                                    | 1,00,000         | 10,000           |
| ✓ <b>Apart from the above activities some CSR will be done according to the</b>                                                                       | 2,70,000         | 10,000           |
|                                                                                                                                                       | 2,00,000         | 50,000           |



|           |                                                                                                                                                                                                                                       |                                                                                                                 |                      |                             |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------|
|           | <p><b>needs of the concerned village Panchayat</b></p> <p style="text-align: center;"><b>Total</b></p> <p><b>CSR activities Villages</b><br/>1<sup>st</sup> year for Bedar ,Village.<br/>2<sup>nd</sup> year for Uradmau Village.</p> | 1,50,000                                                                                                        |                      |                             |
|           |                                                                                                                                                                                                                                       | <b>26,20,000</b>                                                                                                |                      | <b>4,60,000</b>             |
| <b>24</b> | Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions                                                                                                                         |                                                                                                                 |                      |                             |
|           | <b>Botanical Name</b>                                                                                                                                                                                                                 | <b>Local Name</b>                                                                                               | <b>Family</b>        | <b>No of saplings/ Year</b> |
|           | • <i>Acacia auriculiformis</i>                                                                                                                                                                                                        | Auri                                                                                                            | <i>Fabaceae</i>      | 90                          |
|           | • <i>Azadirachta indica</i>                                                                                                                                                                                                           | Neem                                                                                                            | <i>Meliaceae</i>     | 90                          |
|           | • <i>Bauhinia variegata</i>                                                                                                                                                                                                           | Kachnar                                                                                                         | <i>Caesalpiaceae</i> | 90                          |
|           | • <i>Cassia festula</i>                                                                                                                                                                                                               | Amaltas                                                                                                         | <i>Caesalpiaceae</i> | 90                          |
|           | • <i>Ficus bengalensis</i>                                                                                                                                                                                                            | Bargad                                                                                                          | <i>Moraceae</i>      | 90                          |
|           | • <i>Ficus religiosa</i>                                                                                                                                                                                                              | Pipal                                                                                                           | <i>Moraceae</i>      | 90                          |
|           | • <i>Grewia species</i>                                                                                                                                                                                                               | Phalsa or Falsa                                                                                                 | <i>Malvaceae</i>     | 90                          |
|           | • <i>Leuceana leucocephala</i>                                                                                                                                                                                                        | Subabool                                                                                                        | <i>Fabaceae</i>      | 90                          |
|           | • <i>Syzygium cuminii</i>                                                                                                                                                                                                             | Jamun                                                                                                           | <i>Myrtaceae</i>     | 90                          |
|           | • <i>Tamarindus indica</i>                                                                                                                                                                                                            | Imli                                                                                                            | <i>Caesalpiaceae</i> | 90                          |
|           |                                                                                                                                                                                                                                       | <b>Total saplings /year</b>                                                                                     |                      | <b>900</b>                  |
|           | Total 0.7505 Ha areas which includes barrier zone and quarry periphery will be used for green belt development. Approach Road will be also used for the same.                                                                         |                                                                                                                 |                      |                             |
| <b>25</b> | Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details                                                                                                                                           | Urmal River approx-5.60 Km (Aerial Dist) NW Direction.<br>Reservoir approx-100.0 mt (Aerial Dist) SE Direction. |                      |                             |

The case was presented by the PP and their consultant. During presentation it was observed by the committee as per Google image based on the co-ordinates provided by PP that a pond is in existence on the eastern side of the lease and thus its protection plan needs to be addressed. Committee after deliberations decided that being it's a case of Stone Mine with an area of 13.00 Ha., and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. A pond is in existence on the eastern side of the lease and thus its protection plan should be addressed in EIA report.
2. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
3. Detailed study of ground vibration and fly rocks shall be done.
4. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
5. Transportation plan & traffic management plan should be discussed in the EIA report.
6. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
7. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
8. Compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board.
9. Year wise details of minerals already excavated till date should be submitted with EIA report.
10. Commitment of PP that no production since 2006 shall also be attached with the EIA report.
11. Level of mechanization should be discussed in the EIA report.
12. Hydro geological study should be carried out if ground water intersection is proposed.
13. Top soil management plan should be addressed in EIA report.
14. Input data of modeling should be addressed in EIA along with this all back up calculation.
15. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report and monitoring should be conducted in consultation with the regional officer of the MP Pollution Control Board.
16. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
17. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.

18. Water quality of all the villages within 10 Km radius should be studied and result should be incorporated in final EIA report.
19. PP would follow environmental extend rules.

**14. Case No. - 5823/2019 Shri Sanjay Chourasiya S/o Late Shri Narmada Prasad Chourasiya, Azad Ward, Hatta, Dist. Damoh, MP – 470661 SIA/MP/MIN/90614/2019. Prior Environment Clearance for Crusher Stone Quarry in an area of 3.0 Ha. (25,000 cum per annum) (Khasra No. 5 (Part)) at Village- Fatehpur, Tehsil - Batiyagarh, Dist. Damoh (MP).**

This is case of Prior Environment Clearance for Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed area of 3.0 Ha. (25,000 cum per annum) (Khasra No. 5 (Part)) at Village- Fatehpur, Tehsil - Batiyagarh, Dist. Damoh (MP). The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, information of the leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 465 dated: 23/08/2018 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

This case was presented by the PP and their consultant. During presentation PP present the following salient features of this project:

| S.No | Areas                                                                              | Details                                                                                                                                  |
|------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Name of the project & its location                                                 | Fatehpur Crusher Stone Quarry (3.0 Ha), Village– Fatehpur , Tehsil- Batiyagarh, District- Damoh (M.P)                                    |
| 2    | Name of the Company, Address Tele No. & E-mail                                     | Shri Sanjay Kumar Chourasiya<br>+91-8269245456<br>chourasiyasanjay17@gmail.com                                                           |
| 3.   | Latitude and Longitude of the project                                              | A. 24°13'20.59" N 79°30'44.34"E<br>B. 24°13'20.89" N 79°30'47.92"E<br>C. 24°13'22.45" N 79°30'47.65"E<br>D. 24°13'24.13" N 79°30'47.14"E |
| 4    | If a Joint venture, the names & addresses of the JV partners including their share | No                                                                                                                                       |
| 5    | Project brief: nature of proposal (new/expansion,) total area- land use,           | Sandstone mining will be done by semi-mechanized with helping of crusher &                                                               |

|    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                        |
|----|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | project components, connectivity to the site etc                                                                    | explosive.<br>Total area-3.0 Ha<br>During lease Period 1.3080 Ha area will be excavated<br>The lease area can be approached from district head quarter Damoh to Village Fatehpur.<br>The lease area is 54.6 Km from NE Direction of Damoh.<br>SH-51 approx-1.64 Km (Aerial Dist) West Direction from the Proposed site |
| 6  | Whether the project is in the Critically Polluted Area (CPA)                                                        | No                                                                                                                                                                                                                                                                                                                     |
| 7  | Cost of the project                                                                                                 |                                                                                                                                                                                                                                                                                                                        |
| 8  | Employment generated/to be generated                                                                                | During mining operation about 20-25 labours i.e. skilled, semi-skilled and unskilled will be required. Indirect employment- Driver, cleaner for loader & dumper, loading and unloading points where labors are required.                                                                                               |
| 9  | Benefits of the project                                                                                             | The mining project will create local employment to the villagers and they will get employment.<br>The Benefits of the project include development of the Infrastructure and facilities of local villagers.                                                                                                             |
| 10 | Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii What is the % of expansion           | New (Fresh Application for Environmental Clearance)                                                                                                                                                                                                                                                                    |
| 11 | .If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006. 1                          | Not applicable                                                                                                                                                                                                                                                                                                         |
| 12 | If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF | Not applicable                                                                                                                                                                                                                                                                                                         |
| 13 | No. and Date of the ToR /and revised ToR, if any, letter issued by the authority                                    | Not applicable                                                                                                                                                                                                                                                                                                         |
| 14 | No. and Date of the EC and the revised                                                                              | Not applicable                                                                                                                                                                                                                                                                                                         |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                         |                                                                                                             |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
|    | EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                         |                                                                                                             |
| 15 | If the project was considered in EAC, Pl. gives dates of the meeting (s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No                                                                                                                      |                                                                                                             |
| 16 | Type of Mine: (Open cast/Underground/mixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | semi- mechanized mining method                                                                                          |                                                                                                             |
| 17 | Capacity of the mine applied for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No                                                                                                                      |                                                                                                             |
| 18 | ML Area<br>i. As per block allotment<br>ii. As per approved mine plan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | As per approved mine plan                                                                                               |                                                                                                             |
| 19 | Date of approval of mine plan, mine closure plan, status & date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date of approval of mine plan-16/08/2018                                                                                |                                                                                                             |
| 20 | Date of Board's approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NA                                                                                                                      |                                                                                                             |
| 21 | Date of Ground water clearance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NA                                                                                                                      |                                                                                                             |
| 22 | Date of mine closure approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NA                                                                                                                      |                                                                                                             |
| 23 | Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                         |                                                                                                             |
|    | Monitoring Program -Twice in a Year ( Air, Water & Noise )<br><b>Pollution Mitigation Program/year</b><br><ul style="list-style-type: none"> <li>• Dust suppression / fixed road side water sprinkling system through 1 tankers ( 10,000 liters capacity)</li> <li>• Cost of preparing/ maintenance / bulldozing of approach road</li> <li>• Afforestation /plantation at both side of approach road.</li> <li>• Construction &amp; Maintenance of male and Female Toilet &amp; Annual Maintenance of Shelter Room</li> <li>• Occupational Health checkup facility</li> <li>• Personal Protective Equipment (PPE's)</li> </ul> | Rs. 80,000<br><br>Capital Amount (Rs/ year)<br><br>2,50,000<br><br>1,00,000<br><br>1,50,000<br><br>50,000<br><br>40,000 | Recurring Amount (in Rs/year)<br><br><br><br>90,000<br><br>50,000<br><br>60,000<br><br>20,000<br><br>10,000 |

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                              |                             |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
|           | <p style="text-align: center;"><b>Total</b></p> <p><b>CSR BUDGET PER YEAR</b></p> <p>✓ <input type="checkbox"/> Digital India campaign-computer &amp; Internet training with trainer for Villagers. Trainer will continue for next five years.</p> <p>For Villagers:</p> <p>✓ Need based Solar Lighting</p> <p>✓ Need based Solar Lighting</p><br><p>✓ <b>Apart from this some CSR will be done according to the needs of the concerned village Panchayat</b></p><br><p style="text-align: center;"><b>Total</b></p> <p><b>CSR activities Villages</b></p> <p>1<sup>st</sup> year for Pipariya Ghanshyam Village.</p> <p>2<sup>nd</sup> year for Fatehpur Village.</p> <p>3<sup>rd</sup> year for Bari Kanoda Village.</p> <p>4<sup>th</sup> year for Bari Madiyado Village.</p> <p>5<sup>th</sup> year for DeodaraVillage.</p> | <p>40,000</p> <p><b>6,30,000</b></p><br><p>1,20,000</p><br><p>70,000</p> <p>30,000</p><br><p>20,000</p><br><p><b>2,40,000</b></p> | <p>20,000</p> <p><b>2,50,000</b></p><br><p>60,000</p><br><p>20,000</p> <p>5,000</p><br><p>10,000</p><br><p><b>95,000</b></p> |                             |
| <b>24</b> | Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                   |                                                                                                                              |                             |
|           | <b>Botanical Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Local Name</b>                                                                                                                 | <b>Family</b>                                                                                                                | <b>No of saplings/ Year</b> |
|           | • <i>Acacia auriculiformis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Auri                                                                                                                              | <i>Fabaceae</i>                                                                                                              | 30                          |
|           | • <i>Azadirachta indicata</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Neem                                                                                                                              | <i>Meliaceae</i>                                                                                                             | 30                          |
|           | • <i>Bauhinia variegata</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Kachnar                                                                                                                           | <i>Caesalpiniaceae</i>                                                                                                       | 30                          |
|           | • <i>Cassia festula</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Amaltas                                                                                                                           | <i>Caesalpiniaceae</i>                                                                                                       | 30                          |
|           | • <i>Ficus bengalensis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Bargad                                                                                                                            | <i>Moraceae</i>                                                                                                              | 30                          |
|           | • <i>Ficus religiosa</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Pipal                                                                                                                             | <i>Moraceae</i>                                                                                                              | 30                          |

|           |                                                                                                                                                            |                                                                                                                                                                                                                          |                       |            |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------|
|           | • <i>Grewia species</i>                                                                                                                                    | Phalsa or Falsa                                                                                                                                                                                                          | <i>Malvaceae</i>      | 30         |
|           | • <i>Leuceana leucocephala</i>                                                                                                                             | Subabool                                                                                                                                                                                                                 | <i>Fabaceae</i>       | 30         |
|           | • <i>Syzygium cuminii</i>                                                                                                                                  | Jamun                                                                                                                                                                                                                    | <i>Myrtaceae</i>      | 30         |
|           | • <i>Tamarindus indica</i>                                                                                                                                 | Imli                                                                                                                                                                                                                     | <i>Caesalpinaceae</i> | 30         |
|           |                                                                                                                                                            | <b>Total saplings /year</b>                                                                                                                                                                                              |                       | <b>300</b> |
|           | Total 0.10 Ha area which includes barrier zone and quarry periphery will be used for green belt development. Approach Road will be also used for the same. |                                                                                                                                                                                                                          |                       |            |
| <b>25</b> | Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details                                                                | Reservoir approx-2.50 Km (Aerial Dist) SW Direction from the Mineable Area.<br>Barsati Nala approx-240 mt (Aerial Dist) West Direction from the Mineable Area.<br>Sunar river approx-11.56 Km (Aerial dist) SE Direction |                       |            |

During initial discussions it was informed to the committee that recently following two OM's are issued respectively by MoEF&CC (dated 12/12/2018 and forwarded by SEIAA on dated 02/01/2019) and SEIAA (dated 27/12/2018) for the appraisal of the cases as per EIA Notification, 2006:

**A. O.M of MoEF&CC issued vide F.No. L-11011/175/2018/-IA-II (M) dated 12/12/18**

Ministry of Environment, Forest & Climate Change has issued an OM which states that:

*“The Hon’ble NGT vide order dated 13<sup>th</sup> September, 2018 in O.A. No. 186 of 2016 (Satendra Pandey Vs Ministry of Environment Forest & Climate Change of Anr) has inter-alia directed as follows:-*

- I. *Providing for EIA, EMP and therefore, Public Consultation for all areas from 5 to 25ha., failing member Category B-2 at par with Category B-1 by SEAC/SEIAA as well as for cluster situation wherever it is not provided.*
- II. *Form-IM be made more comprehensive for areas of 0 to 5ha. by dispensing with the requirement for Public consultant to be evaluated by SEAC for recommendation of grant EC by SEIAA instead of DEAC/DEIAA.*
- III. *If a cluster or an individual lease size exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance.*
- IV. *EIA and/or EMP be prepared for the entire cluster in terms of recommendation 5 (Supra) of the Guidelines for the purpose of recommendations 6,7 and 8 thereof.*
- V. *Revise the procedure to also incorporated procedure with respect in annual rate of replenishment and timeframe for replenishment after mining closure in an area.*
- VI. *The MoEF/CC to prepare guidelines for calculation of the cost of restitution of damage caused to mined out areas along with the Net present Value of Ecological Services forgone because of illegal of unscientific mining.*

*In view of the above, the undersigned is directed to forward the copy of the aforementioned order for necessary compliance and inform the Ministry about the action taken”.*

**B. O.M of SEIAA,MP issued vide F.No. 1886/SEIAA/18 dated 27/12/18**

SEIAA,MP has issued an OM which states that:

*“The Hon’ble NGT vide order dated 13<sup>th</sup> September, 2018 in O.A. No. 186 / 2016 Satendra Pandey V/s MoEF&CC has inter-alia directed as follows:-*

- I. *Providing for EIA, EMP and therefore, Public Consultation for all areas from 5 to 25ha., failing member Category B-2 at par with Category B-1 by SEAC/SEIAA as well as for cluster situation wherever it is not provided.*
- II. *Form-IM be made more comprehensive for areas of 0 to 5ha. by dispensing with the requirement for Public consultant to be evaluated by SEAC for recommendation of grant EC by SEIAA instead of DEAC/DEIAA.*
- III. *If a cluster or an individual lease size exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance.*



- IV. *EIA and/or EMP be prepared for the entire cluster in terms of recommendation 5 (Supra) of the Guidelines for the purpose of recommendations 6,7 and 8 thereof.*
- V. *Revise the procedure to also incorporated procedure with respect in annual rate of replenishment and timeframe for replenishment after mining closure in an area.*
- VI. *The MoEF/CC to prepare guidelines for calculation of the cost of restitution of damage caused to mined out areas along with the Net present Value of Ecological Services forgone because of illegal of unscientific mining.*

As per above order of Hon'ble NGT (PB), Ministry of Environment, Forest & Climate Change (MoEF & CC), Govt. of India vide Office Memorandum F.No. L-11011/175/2018-IA-II(M) dated 12-12-2018, has directed to compliance the above direction of Hon'ble NGT, Besides this, Hon'ble NGT (PB) in its order dated 11.12.18 in OA 520/2016 ha suspended the activities of issuing EC by DEIAA/DEAC for minor minerals as per MoEF&CC Notification dated 15.1.2016 till a fresh notification is issued by ministry. Therefore, in compliance of MoEF&CC, GoI, OM dated 12-12-2018, it is decided that all mining cases of minor minerals having 0 to 5 ha. area will be appraised by MP-SEIAA for environmental clearance hence all concerned Project Proponent will apply in MP-SIAA in Form-I with other required supporting documents on online MoEF&CC website [www.environmentalclearance.nic.in](http://www.environmentalclearance.nic.in) for process of application for grant of prior environment clearance with immediate effect till further order.

Both the above notifications were placed before the committee for perusal and onward necessary action. Committee decided to appraise all the cases as per the above instruction given in point no. I to IV by MoEF&CC and SEIAA, MP through their respective office memorandum. However, points no. V & VI pertains to other departments such as mining and MoEF&CC. Committee also realized during examination of the applications that DSR submitted in some cases is not containing the desired details of lease in question and PP submitted that the lease is sanctioned after the preparation of DSR hence their details are missing. However, PP submitted that necessary details wrt to lease are provided in the mine plan submitted by them. Committee after deliberation recommends that SEIAA may decide a way-out for inclusion of these leases in the DSR. At present, committee considering the details provided in the mine plan for appraisal of such cases whose details are missing in DSR in anticipation that SEIAA will also agrees to this practice. Committee also decided all the cases now will be appraised as per above till any further instructions from SEIAA. However for

points no. V & VI which pertains to other departments such as mining and MoEF&CC, SEIAA is requested to write a letter to them for their compliance.

During presentation it was observed that according to the Google image based on the co-ordinates provided by PP, following features were observed within 500 meters of the lease:

- a. A village on the north-eastern side of the lease at a distance of approx. 100 meters.
- b. Kachcha village road at a distance of approx. 120 meters towards north side and 70 meters towards southern side.
- c. A pond at a distance of approx. 50 meters on the eastern side.
- d. A natural drain at a distance of approx. 240 mts towards the western side of the lease.

PP submitted that natural drain, village and kasha road are situated at safe distance and their mining activity will not affect them. Committee after deliberation decided that 50 meters area from the nearest co-ordinate of pond shall be left as non mining area and PP shall carryout dense plantation in three rows towards village side to act as a wind curtain wall. After presentation PP was asked to submit revised EMP with their budgetary allocation considering measures for water spraying, plantation & road maintenance.

PP vide letter dated 29/01/2019 has submitted the reply of above queries which was placed before the committee. The reply submitted by PP found 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 of Stone as per mine plan with quantity not exceeding 25,000 cum/year.
- The lease area should be clearly distinguished and earmarked at the site.
- A crusher is also proposed within the lease area for which wind breaking wall of minimum 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions.
- From pond 50 meters area from the nearest co-ordinate of lease shall be left as non mining area.
- Plantation in tree rows shall be carriedout towards the village side.
- PP should explore possibility of using solar lights in office /rest areas.
- Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area.
- Approach road from site to the main road will be maintained by the PP.
- Top soil shall be simultaneously used for the plantation.

- A budgetary provision for Environmental management Plan of Rs. 6.30 lacks (capital) is made with a recurring expenditure of 3.30 Lacks. 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. Under CSR Rs. 2.40 lacks is proposed as capital and 0.95 lacks / year is proposed as recurring for various activities. 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.

**15. Case No. - 5824/2019 Shri Ramakant Rai S/o Shri Narmada Prasad Rai, Bamhori Mala, Tehsil - Jabera, Dist. Damoh, MP – 47066 SIA/MP/MIN/90723/2019. Prior Environment Clearance for Flag Stone (Farshi Pathar) Quarry in an area of 1.0 Ha. (2690 cum per annum) (Khasra No. 13 (Part)) at Village- Sagra, Tehsil - Jabera, Dist. Damoh (MP).**

This is case of Prior Environment Clearance for Flag Stone (Farshi Pathar) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed area 1.0 Ha. (2690 cum per annum) (Khasra No. 13 (Part) Village- Sagra, Tehsil - Jabera, Dist. Damoh (MP)). The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, information of the leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 483 dated: 03/11/2018 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

This case was presented by the PP and their consultant. During presentation PP present the following salient features of this project:

| S.No | Areas                                          | Details                                                                                                       |
|------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 1    | Name of the project & its location             | Sagra Flag Stone (Farshi Patthar) Quarry Lease(1.0Ha), Village– Sagra, Tehsil- Jabera, District- Damoh (M.P.) |
| 2    | Name of the Company, Address Tele No. & E-mail | Shri Ramakant Rai,+91-8269245456 rramakant218@gmail.com                                                       |
| 3.   | Latitude and Longitude of the project          | E. 23°44'40.44" N 79°42'47.71"E<br>F. 23°44'44.15" N 79°42'48.03"E<br>G. 23°44'43.52" N 79°42'50.22"E         |

|    |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                      |
|----|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                                                                                                                           | H. 23°44'42.00" N 79°42'51.15"E<br>I. 23°44'40.31" N 79°42'51.63"E                                                                                                                                                                                                                                                                                                                   |
| 4  | If a Joint venture, the names & addresses of the JV partners including their share                                        | No                                                                                                                                                                                                                                                                                                                                                                                   |
| 5  | Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc | Sand Stone (Farshi Patthar) mining will be done by Opencast manual method.<br>Total area-1.0 Ha<br>During lease Period 0.4285 Ha area will be excavated<br>The lease area can be approached from district head quarter Damoh to Village Sagra The lease area is 34.9 Km from SE Direction of Damoh .<br>SH-37 approx-18.35 Km (Aerial Dist)<br>West Direction from the Proposed site |
| 6  | Whether the project is in the Critically Polluted Area (CPA)                                                              | No                                                                                                                                                                                                                                                                                                                                                                                   |
| 7  | Cost of the project                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                      |
| 8  | Employment generated/to be generated                                                                                      | During mining operation about 5-10 labours i.e. skilled, semi-skilled and unskilled will be required. Indirect employment- Driver, cleaner for loader & dumper, loading and unloading points where labors are required.                                                                                                                                                              |
| 9  | Benefits of the project                                                                                                   | The mining project will create local employment to the villagers and they will get employment.<br>The Benefits of the project include development of the Infrastructure and facilities of local villagers.                                                                                                                                                                           |
| 10 | Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii What is the % of expansion                 | New (Fresh Application for Environmental Clearance)                                                                                                                                                                                                                                                                                                                                  |
| 11 | .If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006. 1                                | Not applicable                                                                                                                                                                                                                                                                                                                                                                       |
| 12 | If expansion, please indicate the number                                                                                  | Not applicable                                                                                                                                                                                                                                                                                                                                                                       |

|    |                                                                                                                                                                                                                                                                                      |                                                                                                     |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|    | and date of the certified Compliance Report of Regional Office of the MoEF                                                                                                                                                                                                           |                                                                                                     |
| 13 | No. and Date of the ToR /and revised ToR, if any, letter issued by the authority                                                                                                                                                                                                     | Not applicable                                                                                      |
| 14 | No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)                                                                                                   | Not applicable                                                                                      |
| 15 | If the project was considered in EAC, Pl. gives dates of the meeting (s)                                                                                                                                                                                                             | No                                                                                                  |
| 16 | Type of Mine: (Open cast/Underground/mixed)                                                                                                                                                                                                                                          | Opencast manual method                                                                              |
| 17 | Capacity of the mine applied for                                                                                                                                                                                                                                                     | No                                                                                                  |
| 18 | ML Area<br>i. As per block allotment<br>ii. As per approved mine plan                                                                                                                                                                                                                | As per approved mine plan                                                                           |
| 19 | Date of approval of mine plan, mine closure plan, status & date                                                                                                                                                                                                                      | Date of approval of mine plan-26/10/2018                                                            |
| 20 | Date of Board's approval                                                                                                                                                                                                                                                             | NA                                                                                                  |
| 21 | Date of Ground water clearance                                                                                                                                                                                                                                                       | NA                                                                                                  |
| 22 | Date of mine closure approval                                                                                                                                                                                                                                                        | NA                                                                                                  |
| 23 | Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost                                                                                                                                                                   |                                                                                                     |
|    | Monitoring Program -Twice in a Year ( Air, Water & Noise )<br><b>Pollution Mitigation Program/year</b><br>• Dust suppression / water sprinkling system through 1 tankers ( 3500 liters capacity)<br>• Afforestation /plantation at both side of approach road .<br>• Mobile toilet 2 | <b>Rs. 80,000</b><br><br><b>Capital Amount (Rs/ year)</b><br><br>19,500<br><br>25,000<br><br>20,000 |

|                                                                                                                                                                            |                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <ul style="list-style-type: none"> <li>• Personal Protective Equipment (PPE's)</li> </ul>                                                                                  | <p>10,000</p>        |
| <b>Total</b>                                                                                                                                                               | <b>74,500</b>        |
| <p><b><u>PROPOSED PLAN FOR CSR BUDGET PER YEAR</u></b></p>                                                                                                                 |                      |
| <p><b><u>In Village Paraswaha</u></b></p>                                                                                                                                  |                      |
| <ul style="list-style-type: none"> <li>✓ 1st year - Promotion of sanitation facilities and construction of community toilet in nearby villages.</li> </ul>                 | <p>30,000</p>        |
| <ul style="list-style-type: none"> <li>✓ 2nd year-Provide need based furniture to nearby school and Anganwadi centers</li> </ul>                                           | <p>30,000</p>        |
| <ul style="list-style-type: none"> <li>✓ 3rd - Donation of 100 blankets at Nearby Villages.</li> </ul>                                                                     | <p>30,000</p>        |
| <ul style="list-style-type: none"> <li>✓ 4th - Shelter for Local bus Stop</li> </ul>                                                                                       | <p>30,000</p>        |
| <ul style="list-style-type: none"> <li>✓ 5th - Maintenance of village drainage System</li> </ul>                                                                           | <p>30,000</p>        |
| <ul style="list-style-type: none"> <li>✓ <b>Apart from the above activities some CSR will be done according to the needs of the concerned village Panchayat</b></li> </ul> | <p><b>10,000</b></p> |
| <b>Total</b>                                                                                                                                                               | <b>40,000</b>        |
| <p><b>CSR activities Villages</b></p>                                                                                                                                      |                      |
| <p>1st year for Paraswaha Village.</p>                                                                                                                                     |                      |
| <p>2nd year for Khamariya Village.</p>                                                                                                                                     |                      |
| <p>3rd year for Jamnera, Village.</p>                                                                                                                                      |                      |
| <p>4th year for Larguwan, Village.</p>                                                                                                                                     |                      |
| <p>5th year for Sagra Village.</p>                                                                                                                                         |                      |

|                                     |                                                                                                                                                             |                                                                                                               |                                                                                                                                                                                                        |                       |                             |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------|
| D<br>u<br>r<br>i<br>n<br>g<br><br>p | <b>24</b>                                                                                                                                                   | Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions |                                                                                                                                                                                                        |                       |                             |
|                                     |                                                                                                                                                             | <b>Botanical Name</b>                                                                                         | <b>Local Name</b>                                                                                                                                                                                      | <b>Family</b>         | <b>No of saplings/ Year</b> |
|                                     |                                                                                                                                                             | • <i>Acacia auriculiformis</i>                                                                                | Auri                                                                                                                                                                                                   | <i>Fabaceae</i>       | 5                           |
|                                     |                                                                                                                                                             | • <i>Azadirachta indica</i>                                                                                   | Neem                                                                                                                                                                                                   | <i>Meliaceae</i>      | 5                           |
|                                     |                                                                                                                                                             | • <i>Cassia festula</i>                                                                                       | Amaltas                                                                                                                                                                                                | <i>Caesalpinaceae</i> | 5                           |
|                                     |                                                                                                                                                             | • <i>Ficus bengalensis</i>                                                                                    | Bargad                                                                                                                                                                                                 | <i>Moraceae</i>       | 5                           |
|                                     |                                                                                                                                                             | • <i>Ficus religiosa</i>                                                                                      | Pipal                                                                                                                                                                                                  | <i>Moraceae</i>       | 5                           |
|                                     |                                                                                                                                                             | • <i>Grewia species</i>                                                                                       | Phalsa or Falsa                                                                                                                                                                                        | <i>Malvaceae</i>      | 5                           |
|                                     |                                                                                                                                                             | • <i>Moringa oleifera</i>                                                                                     | Drumstick                                                                                                                                                                                              | <i>Moringaceae</i>    | 5                           |
|                                     |                                                                                                                                                             | • <i>Syzygium cuminii</i>                                                                                     | Jamun                                                                                                                                                                                                  | <i>Myrtaceae</i>      | 5                           |
|                                     |                                                                                                                                                             | • <i>Tamarindus indica</i>                                                                                    | Imli                                                                                                                                                                                                   | <i>Caesalpinaceae</i> | 5                           |
|                                     |                                                                                                                                                             | • <i>Magnifera species</i>                                                                                    | Aam                                                                                                                                                                                                    | <i>Anacardiaceae</i>  | 5                           |
|                                     |                                                                                                                                                             | <b>Total saplings /year</b>                                                                                   |                                                                                                                                                                                                        | <b>50</b>             |                             |
|                                     | Total 0.045 Ha area which includes barrier zone and quarry periphery will be used for green belt development. Approach Road will be also used for the same. |                                                                                                               |                                                                                                                                                                                                        |                       |                             |
| r<br>D<br>u<br>r                    | <b>25</b>                                                                                                                                                   | Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details                   | Canal approx-40.0 mt (Aerial Dist) West Direction from the Mineable Area. Proper distance will be maintained for Canal Safety.<br>Tributary of Bearma River approx-3.39 Km (Aerial dist) SW Direction. |                       |                             |

ing presentation it was observed from the Google image (Nov 2018) based on the co-ordinates provided by PP that a canal is passing towards the west side of the lease, thus a setback of 50 mts should be left as non mining area. A village is also in existence on the north eastern side of the lease for which PP submitted that mining is proposed manually only for the production of 2690 cum/year and blasting will not be carried out. Committee after deliberation recommends that dense plantation shall be carried out towards village side to act as a curtain wall. After presentation PP was asked to submit- Revised Production Plan of the project area.

PP vide letter dated 29/01/2019 has submitted the reply of above queries which was placed before the committee. The reply submitted by PP found 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 of Stone as per mine plan with quantity not exceeding 2,690 cum/year.
- The lease area should be clearly distinguished and earmarked at the site.
- Dense plantation shall be carried out towards village side to act as a curtain wall.
- PP should explore possibility of using solar lights in office /rest areas.
- Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area.
- Approach road from site to the main road will be maintained by the PP.
- Top soil shall be simultaneously used for the plantation.
- A budgetary provision for Environmental management Plan of Rs. 75,500 lacks. 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. Under CSR Rs. 40,000 lacks/year is proposed for various activities. 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.

#### **DISCUSSION ON QUERY RESPONSE SUBMITTED BY PP**

**16. Case No. - 5747/2018 Mr. Ranjit Pakrasi, Executive Vice President, M/s Damodar Ropeways & Infra Limited, 1/A, Vansittart Row, Kolkatta, (W.B.) – 700001. Prior Environment Clearance for Monocable Pulsated Fixed Grip Passenger Ropeway at Hanumandhara Temple, Chitrakoot (Khasra No.- 896, 898/B/1, 899 & 901/4) Village-Nayagaon, Tehsil - Majhgawan, Dist. - Satna (M.P.) Capacity – 500 Passenger Per Hour (PPH), Lenth – 310 Mtrs.(Approx).Category: 7(g) Arieal Ropeway Project.Env. Con-Epsilon Projects Pvt. Ltd.**

This is case of Proposed Monocable Pulsated Fixed Grip Passenger Ropeway at Hanumandhara Temple, Chitrakoot (Khasra No.- 896, 898/B/1, 899 & 901/4) Village-Nayagaon, Tehsil - Majhgawan, Dist. - Satna (M.P.). **Category: 7(g) Arieal Ropeway Project.**



The project requires prior EC before commencement of any activity at site. This being a Aerial Ropeway Project is listed at S.N. 7(g) of schedule under ‘B’ Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant presented the salient features of the project. After discussion on the project it was revealed that - The total length of the proposed rope way is Lenth – 310 Mtrs. (Approx). Starting from Hanumandhara Temple, Chitrakoot (Khasra No. - 896, 898/B/1, 899 & 901/4) Village- Nayagaon, Tehsil - Majhgawan, Dist. - Satna (M.P.).

The case was presented by the PP and their consultant in 330<sup>th</sup> SEAC meeting dated 24/10/2018 and during presentation following salient features was presented: Madhya Pradesh Tourism Authority has been keen to build a Passenger Ropeway at Hanuman Dhara Temple, Chitrakoot, and Madhya Pradesh to facilitate pilgrims. In this regards, Authorities has awarded the project to Damodar Ropeways & Infra Ltd, Kolkata. The company has been in the business of building cable cars since 1974. DRIL is engaged in turnkey construction of Steel / PRC Bridges, Rope Suspension Bridges and multi-storied buildings. DRIL also undertakes work for revamping / up-gradation of capacity of existing ropeways, operation and maintenance of running aerial ropeways and material handling plants.

**The salient features of the project are:**

| Parameters              | Details                                                                         |
|-------------------------|---------------------------------------------------------------------------------|
| Location                | 25°9'27.33"N / 80°52'54.28"E & 25°9'18.03"N / 80°52'58.50"E (MSL – 105.04 Mtr.) |
| Address                 | Hanuman Dhara Temple, Chitrakoot District-Satna , Madhya Pradesh                |
| Land Area               | 2394 Sq. Mtr. is forest land & 2000 Sq. Mtr. is Revenue land.                   |
| Land Status             | It is a both Forest Land & Revenue Land.                                        |
| Nearest Town            | Satna                                                                           |
| District Head Quarters  | Satna                                                                           |
| Nearest Railway Station | Chitrakoot Dham Karwi                                                           |
| Nearest Highway         | NH 7                                                                            |

**Working Condition**

|                |                                               |
|----------------|-----------------------------------------------|
| Ropeway System | Mono-Cable Pulsated Fixed Grip Ropeway system |
| Length         | 310 Mtrs. (approx)                            |

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| Level Difference  | 101 Mtrs.                                                           |
| Capacity          | 500 PPH (Person Per Hour)                                           |
| Line Speed        | 0 to 4 Mtr./sec.                                                    |
| Rope Dia.         | 42 mm.                                                              |
| No. of Cabins     | 16 nos.                                                             |
| Cabin Capacity    | 6 Seater                                                            |
| Trestle           | 4 nos.                                                              |
| Power Requirement | 110 KW                                                              |
| Stand by DG set   | 300 KVA and Additional 75 HP Automobile engine for rescue operation |

**Project highlight**

|                        |                                                                                                                                                                                                                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Land                   | It is a both Forest Land & Revenue Land.                                                                                                                                                                                                                                                                                      |
| Water                  | Water requirement: 11.0 KLD. Water Source: Municipality.                                                                                                                                                                                                                                                                      |
| Power                  | Power Supply : 415 Volt, 3-Phase, 50 Hz.<br>Power Source : The power required for the proposed passenger ropeway will be sourced from State Electricity Board.                                                                                                                                                                |
| Waste water            | Domestic wastewater will be sent in Septic tank followed by Soak pit .                                                                                                                                                                                                                                                        |
| D.G. Set               | D.G. Set of 300 KVA with acoustic enclosure as a power Backup will be provided & Additional 75 HP Diesel Engine for rescue operations.                                                                                                                                                                                        |
| Man Power              | 21 nos.                                                                                                                                                                                                                                                                                                                       |
| Tentative Project Cost | 479 lacs.                                                                                                                                                                                                                                                                                                                     |
| Solid Waste            | Solid garbage of used packages of ready food product will be collected and disposed of regular basis by the municipal authrised collectors. The lubricant oil generated from DG sets shall be stored in HDPE containers and it will be reused in rope lubrication to protect from rust & for cleaning purpose of instruments. |

**Land requirement:-**

Total land requirement is 0.4394 hectares in which forest land (0.2394 ha) & revenue land (0.2 ha). MoEF&CC has allowed to use forest land (0.2394 ha) as non- forest land dated 01.05.2018. Land use planning will be as follows:

- 1 Upper Station 1344 Sq. Mts.
- 2 Ropeway Corridor 1050 Sq. Mts.
- 3 Lower Station & Trestles 2000 Sq.  
Total Area 4394Mts.(hectares)  
Green Belt 33%

During initial discussion of the project with PP it was informed to them that the Form-1 is submitted by them is incomplete and environmental sensitivity is also not addressed properly hence the PP was asked to submit revised from 1 along with EMP prepared by accredited consultant as per MoEF&CC OM dated 03/03/2016, Details of safety and proposed rescue plan, any tree falling proposed, details of STP for treatment of sewage, Green belt development plan etc for further consideration of the project.

PP vide letter dated 04/12/2018 has submitted the Revised Form-I, PFR, EMP, Risk assessment and Disaster Management Plan, which was forwarded through SEIAA vide letter no 1807 dated 07/12/2018

Based on the above submission by the PP this case was scheduled for the presentation and discussion in 338<sup>th</sup> SEAC meeting dated 02/01/2019. During discussion & presentation PP submitted that Hon'ble High Court of Delhi vide their order dated 18/09/2017 has permitted M/s EPSILON Project Pvt. Ltd., to present the case before "Central and State Environmental Appraisal Committee" and produce the photocopy of the court order. Committee after referring the Hon'ble Delhi High Court permitted the Pp to present the case & EMP. After presentation PP was asked to submit following information's:

1. Environmental policy of the company duly approved by the board of Director.
2. PP would address the factor of safety and why monocable is selected over dual cable.
3. Details of the proposed STP with their cost and maintenance.
4. Proposed schedule of roap replacement.
5. Revised EMP as suggested by the committee during presentation.
6. Revised CSR including free distribution of polythene free bag.
7. Committeemen from the PP that used oil will not be used in ropeway for lubrication.
8. Solid waste management plan is to be submitted by the PP.
9. Fire fighting arrangement system is to be submitted by the PP.
10. Proposal of solar power for office and other support facilities.

PP vide letter dated 17/01/2019 submitted reply of the above query. The query reply was presented by PP and their consultant before the committee on above issues. After presentation PP was asked to provide the composition of main roap wrt its Diameter, tensile grade, Minimum

breaking force etc which was submitted by PP vide letter dated 29/01/2019. Committee after deliberations decided that the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Monocable Pulsated Fixed Grip Passenger Ropeway at Hanumandhara Temple, Chitrakoot (Khasra No.- 896, 898/B/1, 899 & 901/4) Village- Nayagaon, Tehsil - Majhgawan, Dist. - Satna (M.P.) Capacity – 500 Passenger Per Hour (PPH), Lenth – 310 Mtrs.(Approx).subject to the following special conditions:

## **I Statutory Compliance:**

- i. 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.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-specific Conservation Plan / Wildlife Management Plan shall be implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
- iv. 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 form the concerned State Pollution Control Board/Committee.
- v. 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.
- vi. All other statutory clearances such as the approvals for storage of diesel from chief Controller of Explosive, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

## **II. Air quality monitoring and preservation**

- i. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission) covering upwind and downwind directions.
- ii. Appropriate Air Pollution Control (APC) system (both during the construction and operation) shall be provided for all the dust generating points *inter alia* including loading, uploading,

transfer points, fugitive dust from the vulnerable sources, so as to company prescribed standards.

- iii. Diesel power generating sets 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 (300 KVA and 75 HP automobile engine for rescue operation) 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.
- iv. Adequate parking shall be constructed at upper terminal and lower terminal. PP shall ensure smooth traffic management.

### III. Water quality monitoring and preservation

- i. Storm water from the project area shall be passed through settling chamber.
- ii. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- iii. Total water (11 KLD) use shall not exceed the proposed requirement as provided in the project details.
- iv. Prior permission from competent authority shall be obtained for use of fresh water.
- v. No waste water shall be discharged in open, Appropriate Water Pollution Control system shall be provided for treatment of waste water.
- vi. A Certificate from the competent authority, in case of discharging treated effluent/untreated effluents into the Public sewer/disposal/drainage system along with the final disposal point should be obtained.

### IV. Noise monitoring and prevention

- i. 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.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

### V. Energy Conservation measures

- i. Energy conservation measures like installation of LED/CFLs/TFLs for lighting should be integral part of the project design and should be in place before project commissioning.
- ii. Solar energy shall be used in the project i.e. at upper terminal and lower terminal to reduce the carbon footprint.

- iii. Motor of 110 KW capacity shall be required for rope way operation. 415 V, 3 phase, 50 Hz power supply is required at LTP shall be provided with diesel generator set of 300 KVA as power back up.

VI. **Waste management**

- i. The solid wastes (14.5KG/day) shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016.
- ii. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- iii. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.

VII. **Human health/safety issues**

- i. Comply with the safety procedure, norms and guidelines (as applicable) as outlined in IS 5228, IS 5229 and IS 5230, code of practices for construction of aerial ropeways, Bureau of Indian Standards.
- ii. Maintaining hoists and lifts, lifting machines, chains, ropes and other lifting tackles in good conditions.
- iii. Ensuring that walking surfaces or boards at height are of sound construction and are provided with safety rails of belts.
- iv. The project should conform to the norms prescribed by the Director General Mine safety. Necessary clearances in this regard shall be obtained (if applicable than).
- v. Adequate infrastructure, including power, shall be provided for emergency situations and disaster management.
- vi. Adequate first aid facility shall be provided during construction and operation phase of the project.
- vii. Regular safety inspection shall be carried out of the ropeway project and a copy of safety inspection report should be submitted to the Regional Office.
- viii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ix. Full fledged fire fighting equipment shall be provided to tackle any contingency.
- x. On -site and off -site Disaster Management plan shall be developed and mock drill will be conducted at regular intervals to keep the Disaster Management team in a state of full preparedness.
- xi. Replacement of wire: a rope shall be replaced from service when it considered that the loss of strength in the rope due to wear or corrosion or both is approaching one –sixth of the original strength.

- xii. The loss of strength in the rope due to fatigue surface embrittlement or cracked and broken wires of any kind is approaching one tenth of the original strength.
- xiii. PP shall be followed all the necessary instructions in the Bureau of Indian Standard under IS 16623:2017.
- xiv. Emergency push buttons shall be provided at stations to stop the ropeway if required.
- xv. The ropeway main drive will be tripped if – **Set rope speed exceeds 5%, Wind speed exceeds the set limit, Actuation of any line and station security devices/emergency stop buttons.**

#### VIII. Corporate Environment Responsibility

- i. The EMP cost Rs. 14.40 Lakh and Rs 0.72 Lakh /year are as capital and recurring expenses respectively for Environmental Pollution Control Measures. And budget for Environmental monitoring is Rs. 26,800/ year.
- ii. Under CSR activity, Rs. 9.60 lakh for different activities and should be implemented through respective committees.
- iii. The project proponent shall comply with the provision contained in this Ministry's OM Vide F.NO.22-65/2017-IA.III dated: 1<sup>st</sup> May 2018, as applicable regarding Corporate Environmental Responsibility.
- iv. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribed for standard operating procedures to have proper checks and balances 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/stack holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six- monthly report.
- v. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- vi. 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 measure 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.
- vii. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

**IX. Miscellaneous**

- i. The project proponent shall submit the environmental statement for each financial year to Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- ii. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
- iii. 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 Expert Appraisal Committee.
- iv. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
- v. 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.
- vi. 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 Court and any other Court of Law relating to the subject matter.

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

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

**(Dr. J. P. Shukla)**  
**Member**

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

**(Prashant Shrivastava)**  
**Member**

**(Mohd. Kasam Khan)**  
**Chairman**



Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

**Annexure- 'A'**

**Standard conditions applicable to Stone/Murram and Soil quarries:**

1. 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.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
8. Transportation shall not be carried out through forest area.
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.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
12. NOC of gram panchayat should be obtained for the water requirement.
13. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
14. 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.
15. Mining should be done as per the submitted land use plan submitted by PP.

**Annexure- 'B'**

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

1. The amount towards reclamation of the 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.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Plantation shall be carried out on the banks for stabilization of the banks.
5. The mining activity shall be done manually.
6. 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 trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies 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.
7. NOC of gram panchayat should be obtained for the water requirement.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
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 depth of mining shall be restricted to 3m or water level, whichever is less.
12. No in-stream mining shall be allowed.
13. The mining shall be carried out strictly as per the approved mining plan and ensure 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.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. 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.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
18. EC will be valid for mine lease period subject to a ceiling of 5 years.
19. Mining should be done as per the submitted land use plan submitted by PP.

**Annexure- 'C'**

**Standard conditions applicable for the Khodu Bharu sand Mine Quarries\***

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
4. The amount towards reclamation of the 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.
5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
6. The mining activity shall be done manually.
7. Heavy vehicles shall not be allowed for removal of sand.
8. The sand shall be transported by small trolleys up to the main transport vehicle.
9. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
10. No Mining shall be carried out during Monsoon season.
11. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
12. NOC of gram panchayat should be obtained for the water requirement.
13. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
14. The mining shall be carried out strictly as per the approved mining plan.

**Annexure- 'D'**

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

1. 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.
2. An inventory of flora & fauna based on actual ground survey shall be presented.
3. Risk factors with their management plan should be discussed in the EIA report.
4. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
5. The EIA document shall be printed on both sides, as far as possible.
6. All documents should be properly indexed, page numbered.
7. Period/date of data collection should be clearly indicated.
8. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
9. 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.

10. 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.
11. Grant of TOR does not mean grant of EC.
12. 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.
13. 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.
14. 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.
15. All the necessary NOC's duly verified by the competent authority should be annexed.
16. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
17. 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.
18. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
19. 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.
20. 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.
21. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
22. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.

**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.**

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