

### **Minutes of 680<sup>th</sup> SEAC-1 Meeting Dated 17/08/2022**

The 680<sup>th</sup> meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 17/08/2022. Following members participated in the meeting:

- |    |                            |                             |
|----|----------------------------|-----------------------------|
| 1. | Dr. Ratan Kar,             | Vice-Chairman, SEAC-1       |
| 2. | Dr. Brij Bihari Awasthi,   | Member, SEAC-1              |
| 3. | Shri Umesh Chandra Sharma, | Member, SEAC-1 (through VC) |
| 4. | Shri Ashish Tiwari,        | Member-Secretary, SEAC-1    |

The Chairman welcomed the members to the 680<sup>th</sup> SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

**1. Stone & Sand Stone Mining at Arazi No.- 428, Village- Dhuria, Tehsil- Chunar, Mirzapur, Shri Ravi Shankar Lal. Area: 0.8090 ha. File No. 7186/Proposal No. SIA/UP/MIN/80085/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Building Stone Mine at Arazi No 428, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area-0.8090 ha.).
2. Salient features of the project as submitted by the project proponent:

| 1.                           | On-line proposal No.                                    | SIA/UP/MIN/ 80085 /2022  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
|------------------------------|---|--|------------------------------|--|--|------------|----------|-----------|---|---------------|--------------|---|---------------|--------------|---|---------------|--------------|---|---------------|--------------|
| 2.                           | File No. allotted by SEIAA, UP                          | 7186   |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 3.                           | Name of Proponent                                       | Prop. Shri Ravi Shankar Lal  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 4.                           | Full correspondence address of proponent and mobile No. | R/o Bachav Khushipur, District: Mirzapur, Uttar Pradesh  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
|                              |   | <b>Mobile No-</b>  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
|                              |   | <b>Email-</b>  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 5.                           | Name of Project   | Dhuria Building stone Sand Stone Mining project  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 6.                           | Project location (Plot/Khasra/Gata No.)                 | Arazi No 428 (Sl. No. 31)  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 7.                           | Name of River   | -  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 8.                           | Name of Village   | Dhuria   |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 9.                           | Tehsil  | Chunar   |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 10.                          | District  | Mirzapur   |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 11.                          | Name of Minor Mineral                                   | Building Stone Sand Stone  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 12.                          | Sanctioned Lease Area (in Ha.)                          | 0.8090 ha  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 13.                          | Max & Min mRL within lease area                         | Max- 121.0 mRL & 99.0 mRL  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 14.                          | Pillar Coordinates (Verified by DMO)                    | <table><tr><th colspan="3">Sanctioned Mining Lease Area</th></tr><tr><th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25° 02'49.1"N</td><td>83°03'09.7"E</td></tr><tr><td>B</td><td>25° 02'49.1"N</td><td>83°03'11.5"E</td></tr><tr><td>C</td><td>25° 02'43.9"N</td><td>83°03'11.6"E</td></tr><tr><td>D</td><td>25° 02'44.0"N</td><td>83°03'09.8"E</td></tr></table> | Sanctioned Mining Lease Area |  |  | Pillar No. | Latitude | Longitude | A | 25° 02'49.1"N | 83°03'09.7"E | B | 25° 02'49.1"N | 83°03'11.5"E | C | 25° 02'43.9"N | 83°03'11.6"E | D | 25° 02'44.0"N | 83°03'09.8"E |
| Sanctioned Mining Lease Area |   |  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| Pillar No.                   | Latitude  | Longitude  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| A                            | 25° 02'49.1"N   | 83°03'09.7"E   |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| B                            | 25° 02'49.1"N   | 83°03'11.5"E   |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| C                            | 25° 02'43.9"N   | 83°03'11.6"E   |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| D                            | 25° 02'44.0"N   | 83°03'09.8"E   |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 15.                          | Total Geological Reserves                               | 4,79,684 Cum   |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 16.                          | Total Mineable Reserves in LOI                          | 24,270 Cum/year  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |
| 17.                          | Total Proposed Production                               | 24,270 Cum/year  |                              |  |  |            |          |           |   |               |              |   |               |              |   |               |              |   |               |              |

|     |   |   |                   |
|-----|---|---|-------------------|
| 18. | Proposed Production/year  | 24,270 Cum/year   |                   |
| 19. | Sanctioned Period of Mine lease                                       | 20 years  |                   |
| 20. | Method of Mining  | Open Cast Semi-mechanized Method  |                   |
| 21. | No. of working days   | 260 days  |                   |
| 22. | Working hours/day   | 8 hrs   |                   |
| 23. | No. of workers  | 24  |                   |
| 24. | No. of vehicles movement/day  | 14  |                   |
| 25. | Type of Land  | Government waste land   |                   |
| 26. | Ultimate Depth of Mining  | 42  |                   |
| 27. | Nearest metalled road from site                                       | 0.5 km  |                   |
| 28. | Water Requirement   | PURPOSE   | REQUIREMENT (KLD) |
|     |   | Drinking  | 0.24              |
|     |   | Suppression of dust   | 2.92              |
|     |   | Plantation  | 1.62              |
|     |   | Others (if any)   | 0.24              |
|     |   | Total   | 5.02              |
| 29. | Name of QCI Accredited Consultant with QCI No and period of validity. | Cognizance Research India Pvt. Ltd.<br>1922, validity= October 25, 2022 |                   |
| 30. | Any litigation pending against the project or land in any court       | No  |                   |
| 31. | Details of 500 m Cluster Map & certificate issued by Mining Officer   | Yes, certified  |                   |
| 32. | Details of Lease Area in approved DSR                                 | Yes, given in the DSR   |                   |
| 33. | Proposed CER cost   | Rs 1,21,000/-   |                   |
| 34. | Proposed EMP cost   | Capital Cost-Rs 10,91,800/- including CER<br>Recurring Cost- 4,08,000/- |                   |
| 35. | Length and breadth of Haul Road                                       | Length: 0.243 km, width: 6 m  |                   |
| 36. | No. of Trees to be Planted  | 809 plants  |                   |

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 11/08/2022 mentioning is as follows:

- I, Ankur Sharma S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
- I have prepared TOR project for the Proposal (SIA/UP/MIN/80085/2022) File No. 7186 of Dhuria Building stone Sand Stone Mining project located at Arazi No. 428, Sl. No. 31 Village- Dhuria, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh. with my team.
- I have personally visited the site of proposal and certify that no Mining/ construction activity has been undertaken on the project site for the present proposal.
- I have satisfied with that all the necessary data/information required for TOR project preparations are true and correct.
- I certify that this project has been uploaded for the first time on Parivesh Portal.

6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 01**

**The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 to the minutes. The committee also stipulated following additional TOR Points:**

**Additional TOR:**

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
7. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
10. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
11. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

**2. Sand/Morrum Mining at Gata No: 01K (Khand 02), Village- Kukargaow, Tehsil- Tahrauli, Jhansi, Shri Bharat Pahwa., M/s P.S.A. Contractor L.L.P, Area: 9.712 ha. File No. 7187/Proposal No. SIA/UP/MIN/80087/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Sand/Morrum Mining at Gata No. 01K (Khand 02), Village- Kukargaow, Tehsil- Tahrauli, District- Jhansi, U.P., (Leased Area-9.712 ha.), M/s P.S.A. Contractor L.L.P.
2. Salient features of the project as submitted by the project proponent:

| 1.                | On-line proposal No.                                    | SIA/UP/MIN/80087/2022  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
|-------------------|---|--|------------|----------|-----------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---------------|--|--|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|-------------------|--|--|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|
| 2.                | File No. allotted by SEIAA, UP                          | 7187   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 3.                | Name of Proponent                                       | M/s P.S.A. Contractor L.L.P.<br>Prop. Shri Bharat Pahwa  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 4.                | Full correspondence address of proponent and mobile No. | Registered Address: 310 Vardhan Taru Plaza, C. U. Block,<br>Preetampura, Delhi   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
|                   |   | Mobile No-   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
|                   |   | Email-   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 5.                | Name of Project   | Proposed riverbed Sand/Morrum mining project from Betwa River  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 6.                | Project location (Plot/Khasra/Gata No.)                 | Gata No: 01K (Khand 02)  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 7.                | Name of River   | Betwa  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 8.                | Name of Village   | Kukargaow  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 9.                | Tehsil  | Tahrauli   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 10.               | District  | Jhansi   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 11.               | Name of Minor Mineral                                   | Sand/Morrum  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 12.               | Sanctioned Lease Area (in Ha.)                          | 9.712  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 13.               | Max & Min mRL within lease area                         | Max- 161 mRL and Min- 159.2 mRL  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
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| Pillar No.        | Latitude  | Longitude  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| A                 | 25°38'23.40"N   | 78°57'39.90"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| B                 | 25°38'29.40"N   | 78°57'36.00"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| C                 | 25°38'18.90"N   | 78°57'21.10"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| D                 | 25°38'13.80"N   | 78°57'24.40"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| E                 | 25°38'21.20"N   | 78°57'35.80"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| Workable area     |   |  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| A                 | 25°38'23.40"N   | 78°57'39.90"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| B                 | 25°38'29.40"N   | 78°57'36.00"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| I                 | 25°38'22.40"N   | 78°57'25.08"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| H                 | 25°38'20.87"N   | 78°57'26.40"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| G                 | 25°38'19.27"N   | 78°57'24.03"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| F                 | 25°38'14.68"N   | 78°57'23.73"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| D                 | 25°38'13.80"N   | 78°57'24.40"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| E                 | 25°38'21.20"N   | 78°57'35.80"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| Non Workable Area |   |  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| I                 | 25°38'22.40"N   | 78°57'25.08"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| C                 | 25°38'18.90"N   | 78°57'21.10"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| F                 | 25°38'14.68"N   | 78°57'23.73"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| G                 | 25°38'19.27"N   | 78°57'24.03"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| H                 | 25°38'20.87"N   | 78°57'26.40"E  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 15.               | Total Geological Reserves                               | 2,41,136 cum   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 16.               | Total Mineable Reserves in LOI                          | 1,45,680 cum/year  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 17.               | Total Proposed Production                               | 1,45,680 cum/year  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 18.               | Proposed Production/year                                | 1,45,680 cum   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 19.               | Sanctioned Period of Mine lease                         | 5 years  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 20.               | Method of Mining  | Open Cast Semi-mechanized Method   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 21.               | No. of working days                                     | 260 days   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 22.               | Working hours/day                                       | 8 hrs  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 23.               | No. of workers  | 52   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 24.               | No. of vehicles movement/day                            | 43   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 25.               | Type of Land  | Government waste land  |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 26.               | Ultimate Depth of Mining                                | 2.04   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |
| 27.               | Nearest metalled road from site                         | 1.0 km   |            |          |           |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |               |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |                   |  |  |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |

|     |   |   |                   |
|-----|---|---|-------------------|
| 28. | Water Requirement   | PURPOSE   | REQUIREMENT (KLD) |
|     |   | Drinking  | 0.52              |
|     |   | Suppression of dust   | 5.1               |
|     |   | Plantation  | 0.5               |
|     |   | Others (if any)   | 0.52              |
|     |   | Total   | 6.99              |
| 29. | Name of QCI Accredited Consultant with QCI No and period of validity. | Cognizance Research India Pvt. Ltd.<br>1922, validity= October 25, 2022 |                   |
| 30. | Any litigation pending against the project or land in any court       | No  |                   |
| 31. | Details of 500 m Cluster Map & certificate issued by Mining Officer   | Yes, certified  |                   |
| 32. | Details of Lease Area in approved DSR                                 | Yes area is in DSR  |                   |
| 33. | Proposed CER cost   | Rs 1,65,000 /-  |                   |
| 34. | Proposed EMP cost   | Rs 15,00,000 /-   |                   |
| 35. | Length and breadth of Haul Road                                       | Length: 0.42 km, width: 6 m   |                   |
| 36. | No. of Trees to be Planted  | 3000 plants   |                   |

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 11/08/2022 mentioning is as follows:

- I Ankur Sharma S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
- I have prepared TOR report of project for the Proposal (SIA/UP/MIN/80087/2022) of riverbed "Sand/Morrum Mining" on the riverbed of Betwa River Mining project located at Gata No 01K (Khand No. 02) Village- Kukargaow, Tehsil- Tahrauli, District- Jhansi, Uttar Pradesh with my team.
- I have personally visited the site of proposal and certify that no mining/Construction activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information required for Application/TOR project preparations are true and correct.
- I certify that there is no mismatch between information/data provided on online application submitted on Parivesh Portal and the hard copy/ presentation which will be submitted after acceptance of application.
- The Form-1, PFR, EMP (TOR Application) report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.
- The project was uploaded earlier but got delisted (File No. 6368, and Proposal No. SIA/UP/MIN/63993/2021) by SEIAA so we have submitted it again.**

**RESOLUTION AGAINST AGENDA NO. 02**

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

**Additional TOR:**

1. In compliance of Hon'ble NGT Order dated 06.05.2022, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
4. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. Combined KML of all mines in a cluster should be submitted at the time of EIA.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
8. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
9. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
10. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
11. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
12. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

**3. Proposed of Factory Building at Plot No: 66, Udyog Vihar, Greater Noida., Shri Ram Sankar, M/s Palika Town LLP. File No. 7190/Proposal No. SIA/UP/MIS/80595/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Ambiantal Global Pvt. Ltd.

The project proponent informed that the committee that Moser Baser India Ltd. had constructed seven existing factory sheds out of which 6 factory sheds have already been constructed

before 2006 and the existing 06 sheds does not comes under the purview of EIA Notification, 2006. The above existing factory building has been purchased by M/s Palika Town LLP from Moser Baser India Ltd. on 11 September, 2019 during NCLT bidding process. M/s Palika Town LLP proposed to construct one factory shed (3A & 3B) in year 2022 and applied for fresh environmental clearance from SEIAA, U.P.

Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Factory Building at Plot No. 66, Udyog Vihar, Greater Noida, U.P., M/s Palika Town LLP.
2. Salient features of the project:

| S. N. | Description   | Existing   |
|-------|---|--|
| 1.    | Plot Area   | 381418.230 Sq. mtr.  |
| 2.    | Built-up Area   | 201410.148 Sq.mt.  |
| 3.    | Green Area  | 68240.587 Sq.mt.<br>(1360 nos of tree proposed to be planted)  |
| 4.    | Geo coordinates   | Latitude: 28°30'4.62"N<br>Longitude: 77°29'8.08"E  |
| 5.    | Estimated Water Requirement with source:<br>Construction Phase<br>Operational Phase | 1139 KLD<br>Fresh water- 462 KLD, source- Municipal Supply<br>Recycled water-677 KLD , source- In house STP<br>Treated water-813 KLD, source- Nearby STP |
| 6.    | Estimated wastewater generation and treatment                                       | 752 KLD (STP with capacity of 903 KLD based on MBBR)   |
| 7.    | Power Demand and Source<br>Power Back-up  | 5000 kVA by Uttar Pradesh Power Corporation Limited (UPPCL).<br>5 Nos. of DG sets of 1000 kVA (5 × 1000 kVA ) total capacity                             |
| 8.    | Solid Waste Generation  | 4825 kg/day  |
| 9.    | Parking Facilities Required<br>Total Parking required<br>Total Parking Proposed     | Required: 1885 ECS.<br>Provided: 1922 ECS.   |
| 10.   | RWH Pits  | 2 pits   |
| 11.   | Project Cost  | 145 crores   |
| 12.   | Project Completion Date   | December, 2025   |

3. Detailed area statement:

| Sl. No.               | Description  | Quantity    | Unit |
|-----------------------|--|-------------|------|
| 1                     | Total Plot Area  | 381418.230  | SQMT |
| 2                     | Area Under SEZ   | 111217.070  | SQMT |
| 3                     | Total Industrial Area  | 270201.230  | SQMT |
| 4                     | Total No. of Floors  | G+1+Terrace | -    |
| 5                     | Total Built Up Area (Phase-1; 95905.480 Sqm + Phase 2 & 3: 105123.671 Sqm + 15% Area: 380.997 Sqm) | 201410.148  | SQMT |
| 6                     | Green/Landscape Area   | 68240.587   | SQMT |
| WATER                 |  |             |      |
| 7                     | Total Water Requirement  | 1139        | KLD  |
| 8                     | Fresh water requirement  | 462         | KLD  |
| 9                     | Treated Water Requirement  | 677         | KLD  |
| 10                    | Waste water Generation   | 752         | KLD  |
| 11                    | Proposed Capacity of STP   | 903         | KLD  |
| 12                    | Discharged in Municipal Sewer  | Zero        | KLD  |
| RAIN WATER HARVESTING |  |             |      |
| 13                    | No of RWH of Pits Proposed   | 2           | No.  |
| PARKING               |  |             |      |
| 14                    | ECS Required as per Norms  | 1885        | Nos. |
| 15                    | Total ECS Proposed   | 1922        | Nos. |

|    |                                    |            |      |
|----|------------------------------------|------------|------|
|    | ENERGY                             |            |      |
| 17 | Total Power Requirement            | 5000       | KVA  |
| 18 | Gas Gen set backup                 | 5000       | KVA  |
| 19 | Gas Gen sets Proposed (Air cooled) | 5*1000 KVA | KVA  |
| 20 | No of Gas Gen sets                 | 05         | Nos. |

4. Water calculation:

| S.No. | Description   | Occupancy | Rate of water demand (LPD) | Domestic Water Requirement (KLD) | Flushing Water Requirement (KLD) |
|-------|---|-----------|----------------------------|----------------------------------|----------------------------------|
| 1     | Population  |           |                            |                                  |                                  |
| 2     | [201029.151 Sq.m (@ 10 sqm/person)]   | 20103     |                            |                                  |                                  |
| 3     | Staffs @ 90% of Total residential population                                  | 18093     | 45                         | 452                              | 362                              |
| 4     | Visitors/Floating@ 10% of Total residential population                        | 2010      | 15                         | 10                               | 20                               |
| 5     | Total   |           |                            | 462                              | 382                              |
| 6     | Total Waste Water generation (80 % of Domestic Water+ 100% of Flushing Water) |           |                            | 752                              | KLD                              |
| 7     | Proposed capacity of STP (20% more than waste water generation)               |           |                            | 903                              | KLD                              |
| 8     | Total Treated Water Generation  |           |                            | 813                              | KLD                              |

| S.N. | Source                               | Quantity (KLD) | % of Total Requirement |
|------|--------------------------------------|----------------|------------------------|
| 1    | Fresh water from municipal supply    | 462            | 40.56                  |
| 2    | Recycle of treated effluent from STP | 677            | 59.44                  |
|      | Total water source                   | 1139 KLD       | 100.0%                 |

5. Waste water details:

|   |   |
|---|---|
| Domestic Water Requirement  | 1139 KLD  |
| Total Fresh Water Requirement (@ 30 % of domestic)                | 462 KLD   |
| Flushing (@ 70 % of domestic)                                     | 382 KLD   |
| Wastewater Generated (@ 80% fresh domestic water + 100% flushing) | 370 + 382 = 752<br>Project proposed zero liquid discharge concept |
| STP Capacity  | 903 KLD   |

6. The project proposal falls under category-8(b) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 17/08/2022 mentioning is as follows:

1. I, Tarun Saharan, S/o Ranveer Saharan is EIA Coordinator of Ambiental Global Pvt. Ltd.
2. I have prepared EIA/EMP report for the proposal (File No. 7109, Proposal No. SIA/UP/MIS/80595/2022) of Factory Building at Plot No. 66, Udyog Vihar, Greater Noida, U.P., M/s Palika Town LLP with my team.
3. I have personally visited the site of proposal and certify that it is existing warehouse building project before the issue of EIA Notification, 2006, there six factory sheds had already been existed out of 7 factory shed before the buy of this factory. No construction has been done for proposed shed no. 3 (Shed 3A & 3B) after purchase of this factory under NCLT bidding.
4. I am satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application submitted on Parivesh Portal and the hard copy/ presentation which will be submitted after acceptance of application.



7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO-03**

**The committee discussed the matter and recommended to issue the standard terms of reference (TOR) for the preparation of Environment Impact Assessment Report:**

1. Project proponent/consultant should submit the documents/certificate regarding existing structure at the time of purchase of the building.
2. Project proponent/consultant should submit the affidavit that no construction has been undertaken after purchase.
3. Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
4. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
5. Examine baseline environmental quality along with projected incremental load due to the project.
6. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
7. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
8. Submit the details of the trees to be felled for the project.
9. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
10. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
11. Ground water classification as per the Central Ground Water Authority.
12. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
13. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
14. Examine soil characteristics and depth of ground water table for rainwater harvesting.
15. Examine details of solid waste generation treatment and its disposal.
16. Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
17. DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
18. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. The plan should include the provision of link road from mining area to main road with black topping to prevent air pollution due to dust emission. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
19. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.

20. Examine the details of transport of materials for construction which should include source and availability.
21. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
22. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
23. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
24. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
25. Examine the probable displacement/ disturbance of human/wild animal/birds settlement/migration due to impact of proposed project and suggest the suitable mitigation measures.
26. There should be provision of temporary shelters for workers with provision of potable drinking water, toilet facility separate for men and women to prevent and stop open defecation at project site.
27. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "[parivesh.nic.in](http://parivesh.nic.in)".

**4. Setting up of Common Bio-Medical Waste Treatment Facility using latest Plasma Pyrolysis technology at Khasra No.-78, 89, 90, 92 and 93, Village-Naipura kalan, Varanasi, M/s Mahamana Pandit Madan Mohan Malaviya Cancer Centre. File No. 7191/Proposal No. SIA/UP/MIS/80731/2022**

**RESOLUTION AGAINST AGENDA NO-04**

The project proponent/consultant requested to defer the matter in next SEAC meeting. The committee discussed matter and directed to defer the matter in upcoming SEAC meeting as per request made by project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

**5. Stone & Sand Stone Mining at Arazi No. 36/6/5, Village- Sonbarsa, Tehsil- Lalganj, District: Mirzapur, Shri Vijay Kumar Singh, Area: 0.8090 ha. File No. 7192/Proposal No. SIA/UP/MIN/81017/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Building Stone Sand Stone Mine at Arazi No 36/6/5, Village- Sonbarsa, Tehsil- Lalganj, District- Mirzapur, U.P., (Leased Area-0.8090 ha.).
2. Salient features of the project as submitted by the project proponent:

|    |                                |  |
|----|--------------------------------|--|
| 1. | On-line proposal No.           | SIA/UP/MIN/ 81017 /2022                          |
| 2. | File No. allotted by SEIAA, UP | 7192   |
| 3. | Name of Proponent              | Prop. Shri Vijay Kumar Singh                     |
| 4. | Full correspondence address of | R/o H.no. 51, Lajpat Nagar Chowk, Lucknow (Uttar |

|                              | proponent and mobile No.  | Pradesh)  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
|------------------------------|---|---|--|------------------------------|-------------------|----------|------------|---------------------|-----------|------------|---------------|-----------------|------|---------------|--------------|---|---------------|--------------|---|---------------|--------------|
|                              |   | Mobile No-  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
|                              |   | Email-  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 5.                           | Name of Project   | Sonbarsa Building stone Sand Stone Mining project   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 6.                           | Project location (Plot/Khasra/Gata No.)                               | Arazi No 36/6/5   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 7.                           | Name of River   | -   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 8.                           | Name of Village   | Sonbarsa  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 9.                           | Tehsil  | Lalganj   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 10.                          | District  | Mirzapur  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 11.                          | Name of Minor Mineral   | Building Stone Sand Stone   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 12.                          | Sanctioned Lease Area (in Ha.)  | 0.8090 ha   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 13.                          | Max & Min mRL within lease area                                       | Max- 109.0 mRL & 106.0 mRL  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 14.                          | Pillar Coordinates (Verified by DMO)                                  | <table><tr><th colspan="3">Sanctioned Mining Lease Area</th></tr><tr><th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25° 05'20.6"N</td><td>82°24'31.2 "E</td></tr><tr><td>B</td><td>25° 05'18.2"N</td><td>82°24'34.2"E</td></tr><tr><td>C</td><td>25° 05'15.4"N</td><td>82°24'32.6"E</td></tr><tr><td>D</td><td>25° 05'16.6"N</td><td>82°24'29.6"E</td></tr></table> |  | Sanctioned Mining Lease Area |                   |          | Pillar No. | Latitude            | Longitude | A          | 25° 05'20.6"N | 82°24'31.2 "E   | B    | 25° 05'18.2"N | 82°24'34.2"E | C | 25° 05'15.4"N | 82°24'32.6"E | D | 25° 05'16.6"N | 82°24'29.6"E |
| Sanctioned Mining Lease Area |   |   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| Pillar No.                   | Latitude  | Longitude   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| A                            | 25° 05'20.6"N   | 82°24'31.2 "E   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| B                            | 25° 05'18.2"N   | 82°24'34.2"E  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| C                            | 25° 05'15.4"N   | 82°24'32.6"E  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| D                            | 25° 05'16.6"N   | 82°24'29.6"E  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 15.                          | Total Geological Reserves   | 2,51,482 Cum  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 16.                          | Total Mineable Reserves in LOI  | 8,090 Cum/year  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 17.                          | Total Proposed Production   | 8,090 Cum/year  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 18.                          | Proposed Production/year  | 8,090 Cum/year  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 19.                          | Sanctioned Period of Mine lease                                       | 20 years  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 20.                          | Method of Mining  | Open Cast Semi-mechanized Method  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 21.                          | No. of working days   | 260 days  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 22.                          | Working hours/day   | 8 hrs   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 23.                          | No. of workers  | 27  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 24.                          | No. of vehicles movement/day  | 5   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 25.                          | Type of Land  | Government waste land   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 26.                          | Ultimate Depth of Mining  | 30  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 27.                          | Nearest metalled road from site                                       | 0.5 km  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 28.                          | Water Requirement   | <table><tr><th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr><tr><td>Drinking</td><td>0.27</td></tr><tr><td>Suppression of dust</td><td>1.86</td></tr><tr><td>Plantation</td><td>1.62</td></tr><tr><td>Others (if any)</td><td>0.27</td></tr><tr><td>Total</td><td>4.02</td></tr></table>  |  | PURPOSE                      | REQUIREMENT (KLD) | Drinking | 0.27       | Suppression of dust | 1.86      | Plantation | 1.62          | Others (if any) | 0.27 | Total         | 4.02         |   |               |              |   |               |              |
| PURPOSE                      | REQUIREMENT (KLD)   |   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| Drinking                     | 0.27  |   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| Suppression of dust          | 1.86  |   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| Plantation                   | 1.62  |   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| Others (if any)              | 0.27  |   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| Total                        | 4.02  |   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 29.                          | Name of QCI Accredited Consultant with QCI No and period of validity. | Cognizance Research India Pvt. Ltd.<br>1922, validity= October 25, 2022   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 30.                          | Any litigation pending against the project or land in any court       | No  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 31.                          | Details of 500 m Cluster Map & certificate issued by Mining Officer   | Yes, certified  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 32.                          | Details of Lease Area in approved DSR                                 | Yes, given in the DSR   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 33.                          | Proposed CER cost   | Rs 1,27,000/-   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 34.                          | Proposed EMP cost   | Capital Cost-Rs 10,97,800/- including CER<br>Recurring Cost- 4,08,000/-   |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 35.                          | Length and breadth of Haul Road                                       | Length: 0.155 km, width: 6 m  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |
| 36.                          | No. of Trees to be Planted  | 809 plants  |  |                              |                   |          |            |                     |           |            |               |                 |      |               |              |   |               |              |   |               |              |

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 18/07/2022 mentioning is as follows:

1. I, Ankur Sharma S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
2. I have prepared TOR project for the Proposal (SIA/UP/MIN/81017/2022) of Sonbarsa Building stone Sand Stone Mining project located at Arazi No. 36/6/5 (Sl. No. 14) Village- Sonbarsa, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh. with my team.
3. I have personally visited the site of proposal and certify that no mining/Construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for TOR project preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application submitted on Parivesh Portal and the hard copy/ presentation which will be submitted after acceptance of application.
7. The Form-1, PFR, and EMP (ToR Application) report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 05**

**The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 to the minutes. The committee also stipulated following additional TOR Points:**

#### **Additional TOR:**

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
7. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.

9. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
  10. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
  11. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
- 6. Expansion and Modernization of Hospital at Plot No. B22, Sector- 62, Noida, U.P., Shri Mohit Singh, M/s. International Hospital Limited. File No. 7193/Proposal No. SIA/UP/MIS/283813/2022**

**RESOLUTION AGAINST AGENDA NO-06**

The project proponent/consultant did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

- 7. Sand Mining at Gata No. 03mi Khand No.-03 , Village- Gogaon, Tehsil- Sadar & District- Mirzapur, Shri Prashant Maurva, Area:5.0 Ha. File No. 7194/6308/Proposal No. SIA/UP/MIN/79881/2021**

**RESOLUTION AGAINST AGENDA NO-07**

The project proponent/consultant did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

- 8. Commercial Project at Plot No. T-2, IBB-2, Shushant Golf City, District-Lucknow, Shri Rajesh Kumar, M/s Mahesh Infracon Pvt. Ltd. File No. 7195/6589/Proposal No. SIA/UP/MIS/284277/2022**

The committee was informed that an application dated 22/09/2021 (Proposal No. SIA/UP/MIS/677584/2021) was made by the project proponent M/s Mahesh Infracon Pvt. Ltd. for environmental clearance of Proposed Commercial Project at Plot No. T-2, IBB-2, Shushant Golf City, Lucknow, UP. under violation category as per procedure laid down in MoEF&CC, Govt. of India Office Memorandum dated 7<sup>th</sup> July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

The committee was also informed that approximately 65% of construction work has already been completed by the project proponent without obtaining prior environmental clearance and Rs. 34.06 Crore has been invested in the project as per Chartered Accountant Certificate submitted by the project proponent.

The committee observed that as per clause 12 a (i) of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021 under Penalty provisions for violation cases and applications: For New Projects: Where operation has not commenced: 1% of the total Project Cost incurred upto the date of filing of application along with EIA/EPM Report has to be imposed on the project proponent. However as per clause 12.2 of OM Dated 07/07/2021 the percentage rates, as above, shall be halved if the PP suo-

moto reports the such violation without such violations coming to the knowledge of the Government either on inquiry or complaint.

The Secretariat was also informed the committee that as per records available with Directorate and written communication by all concerned in the directorate, no complaint has been received in the Directorate of Environment UP till this date of meeting against the said project regarding starting of construction work at site without obtaining prior environmental clearance.

The Project proponent has submitted project Cost Certificate issued by Chartered Accountants, Vidisha & Associates dated 13/09/2021 stating total project cost incurred is Rs. 34.06 Crores.

In view of the above, Committee recommended to impose a penalty of Rs. 17.03 Lakhs (0.5% of total project cost incurred up to 31/08/2021) on project proponent which has to be deposited with UPPCB before filling of EIA Report. In case it comes to notice of SEIAA/ SEAC that any complaint is received from any person/institution/departments/organization prior to suo-moto declaration of the project proponent then penalty will be increased to 1% as per SoP/OM dated 7<sup>th</sup> July, 2021.

The committee also directed the project proponent will not start operation at the site until the Environmental Clearance is granted as per section 11 of standard operating procedure (SoP) for identification and handling of violation case under EIA Notification, 2006.

The terms of reference in the matter was issued by SEIAA vide letter no. 105/Parya/SEIAA/6589/2022, dated 13/06/2022. EIA report submitted by the project proponent (Proposal No. SIA/UP/MIS/284277/2022, SEIAA File No. 7195/6589) through online Parivesh Portal on 21/07/2022.

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant. On the basis of documents submitted and presentation made by Project Proponent/consultant (M/s Paramarsh (Servicing Environment & Development), the following facts have emerged:-

1. The environmental clearance is sought for Proposed Commercial Project at Plot No. T-2, IBB-2, Shushant Golf City, Lucknow, UP. M/s Mahesh Infracon Pvt. Ltd.
2. The terms of reference in the matter were issued by SEIAA vide letter no. 105/Parya/SEIAA/6589/2022, dated 13/06/2022 in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021.
3. Area details:

| Particulars                | Area (sq. m.)                                       |
|----------------------------|---|
| Total Plot Area            | 15383.52  |
| Ground Coverage            | 3395.23   |
| Open Area                  | 11988.29  |
| Green Area                 | 2307.52 (119 nos. of trees proposed to be planted)  |
| Floor Area Ratio (FAR)     | 36471.32  |
| Non FAR Basement Area      | 9465.16   |
| Total Built-up Area        | 49882.92  |
| Floors                     | B+11 <sup>th</sup> Floor                            |
| Utilization                | Shops/Service Apartment/office/Commercial/Multiplex |
| Population                 | 3513 nos  |
| Rain water harvesting pits | 02  |

4. Detailed area statement:

| Floors   | Use          | Firescape | Ground Coverage | Covered Area | Mumty and Machine | Area for fees |
|----------|--------------|-----------|-----------------|--------------|-------------------|---------------|
| Basement | Parking (Not |           |                 |              |                   | 6620.00       |

|                           |                                 |         |          |           |        |          |
|---------------------------|---------------------------------|---------|----------|-----------|--------|----------|
|                           | calculated in FAR)              |         |          |           |        |          |
| Basement                  | Parking (Not calculated in FAR) |         |          |           |        | 2845.16  |
| Lower Ground Floor        | Shop                            | 85.00   | 3395.229 | 3395.229  |        | 3480.23  |
| Upper Ground Floor        | Shop                            | 85.00   |          | 3352.379  |        | 3437.38  |
| 1st Floor                 | Shop                            | 85.00   |          | 3352.379  |        | 3437.38  |
| 2nd Floor                 | Shop                            | 85.00   |          | 3352.379  |        | 3437.38  |
| 3rd Lower Multiplex Floor | Commercial/Multiplex            | 85.00   |          | 3665.648  |        | 3750.65  |
| 4th Upper Multiplex Floor | Multiplex                       | 85.00   |          | 1698.000  |        | 1783.00  |
| 5th Service Floor         | Service (Not Calculated in FAR) |         |          |           |        | 2683     |
| 6th Floor                 | Service apartment               | 85.00   |          | 2584.380  |        | 2669.38  |
| 7th Floor                 | Service apartment               | 85.00   |          | 2584.380  |        | 2669.38  |
| 8th Floor                 | Service apartment               | 85.00   |          | 2584.380  |        | 2669.38  |
| 9th Floor                 | Service apartment               | 85.00   |          | 2584.380  |        | 2669.38  |
| 10th Floor                | Service apartment               | 85.00   |          | 2584.380  |        | 2669.38  |
| 11th Floor                | Service apartment               | 85.00   |          | 2333.402  |        | 2418.40  |
| Terrace                   |                                 |         |          |           | 243.44 | 243.44   |
| Total Areas               |                                 | 1020.00 | 3395.229 | 34071.316 | 243.44 | 47482.92 |

**5. Population details:**

| Particulars               | Carpet area | Population details |
|---------------------------|-------------|--------------------|
| Lower Ground Floor        | 3235.7      | 324                |
| Upper Ground Floor        | 3197.1      | 320                |
| 1st Floor                 | 3197.1      | 320                |
| 2nd Floor                 | 3197.1      | 320                |
| 3rd Lower Multiplex Floor | 3479.1      |                    |
| 4th Upper Multiplex Floor | 1708.2      | 930                |
| 6th Floor                 | 2505.9      | 160                |
| 7th Floor                 | 2505.9      | 160                |
| 8th Floor                 | 2505.9      | 251                |
| 9th Floor                 | 2505.9      | 251                |
| 10th Floor                | 2505.9      | 251                |
| 11th Floor                | 2280.1      | 228                |
| Total                     | 32824.18    | 3513               |

**6. Water calculation details:**

| S.No. | Description               | Population/area | Rate of water demand | Fresh Water Demand | Rate of water demand | Flushing Water Demand | Total Water Demand |
|-------|---------------------------|-----------------|----------------------|--------------------|----------------------|-----------------------|--------------------|
|       |                           | Nos.            | LPCD                 | LPCD               | LPCD                 | LPCD                  | LPCD               |
|       | Lower Ground Floor        | 324             | 5.0                  | 1618               | 10                   | 3236                  | 4854               |
|       | Upper Ground Floor        | 320             | 5.0                  | 1599               | 10                   | 3197                  | 4796               |
|       | 1st Floor                 | 320             | 5.0                  | 1599               | 10                   | 3197                  | 4796               |
|       | 2nd Floor                 | 320             | 5.0                  | 1599               | 10                   | 3197                  | 4796               |
|       | 4th Upper Multiplex Floor | 930             | 5.0                  | 4650               | 10                   | 9300                  |                    |
|       | 6th Floor                 | 160             | 65                   | 3360               | 21                   | 10400                 | 13950              |
|       | 7th Floor                 | 160             | 65                   | 3360               | 21                   | 10400                 |                    |
|       | 8th Floor                 | 251             | 5.0                  | 1253               | 10                   | 2506                  | 13760              |
|       | 9th Floor                 | 251             | 5.0                  | 1253               | 10                   | 2506                  | 13760              |

|  |   |         |                           |                     |    |                     |                       |
|--|---|---------|---------------------------|---------------------|----|---------------------|-----------------------|
|  | 10th Floor                              | 251     | 5.0                       | 1253                | 10 | 2506                | 3759                  |
|  | 11th Floor                              | 228     | 5.0                       | 1140                | 10 | 2280                | 3759                  |
| A<br>(Dome<br>stic<br>water<br>require<br>ment |   |         |                           | 22683<br>~<br>23KLD |    | 52725<br>~<br>52KLD | 75408<br>~<br>75KLD   |
| Non- domestic water requirement (B+C+D)        |   |         |                           |                     |    |                     |                       |
| B  | Landscape<br>development                | 1538.35 | 2.0                       |                     |    | 3076                | 3076                  |
| C  | DG set<br>cooling                       | 3200kVA | 0.9I/kVA/2hr              |                     |    | 5760                | 5760                  |
| D  | Centrly<br>Chillers /<br>HVAC<br>System | 300TR   | (12 l/Ton/hr<br>for 12hr) |                     |    | 43200               | 43200                 |
| TOTAL WATER DEMAND (A+B+C+D)                   |   |         |                           |                     |    | 52036<br>~<br>52KLD | 127444<br>~<br>127KLD |

7. Waste water details:

| Details                        | Water (KLD) |
|--------------------------------|-------------|
| Fresh water demand             | 23KLD       |
| Flushing/recycled water demand | 52KLD       |
| Total Wastewater generated     | 60KLD       |
| STP Capacity                   | 75KLD       |
| Landscape demand               | 3KLD        |

8. Solid waste details:

| S. No. | Particulars                                    | Population | Waste<br>(kg/day) | Generation |
|--------|--|------------|-------------------|------------|
| 1      | Commercial population<br>(@0.2 kg/day)         | 3513       | 702.6             |            |
| 2      | Landscape waste (2307.52 × 0.0037 kg/sqm/day)  |            | 8.5               |            |
|        | Total (Kg/day)                                 |            | 711.1             |            |
|        | E-Waste (0.15 kg/C/Yr) + obsolete<br>machinery |            | 1.44 kg/yr        |            |

9. Damage Assessment and Remediation Plan:

| S. No | Activities                 | Total Budgeted (Lakhs) |
|-------|----------------------------|------------------------|
| 1     | Air Environment            | 195040                 |
| 2     | Water Environment          | 130000                 |
| 3     | Land Environment           | 40060                  |
| 4     | Biological Environment     | 50000                  |
| 5     | Noise Environment          | 20000                  |
| 6     | Socio-economic Environment | 70000                  |
|       | <b>Total</b>               | <b>505100</b>          |

10. The project proposal falls under category-8(b) of EIA Notification, 2006 (as amended) and MoEF&CC, SoP/Office Memorandum dated 07/07/2021 for the violation project).

**RESOLUTION AGAINST AGENDA NO. 08**

The committee discussed the matter in depth in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended grant of environmental clearance (subject to submission of penalty of Rs. 17,30,000/- and bank guarantee of Rs. 505100/- equivalent to the amount of remediation plan and natural and community resource augmentation plan to UPPCB) on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:



**Additional Conditions:**

1. The project proponent shall submit a bank guarantee of Rs. 505100/- equivalent to the amount of remediation plan and natural and community resource augmentation plan to the SPCB. The bank guarantee shall be released after successful implementation of the EMP, and after the recommendations of the concerned Regional Office of the Ministry, the SEAC and approval of the regulatory authority.
2. The State Govt./SPCB to take action against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
6. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
7. The project proponent should develop 03 tier plantations to all around the boundary of project.
8. Project Proponent should adopt 02 villages & develop them as model village.

**Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

1. Statutory compliance:
  1. 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.
  2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
  3. 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 purposes involved in the project.
  4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  5. 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.
  6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
  7. 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.
  8. 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.
  9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
  10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.

2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
4. 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 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.
5. 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 walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7. Wet jet shall be provided for grinding and stone cutting.
8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9. All construction and demolition debris shall be stored at the site (and 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.
10. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
11. The gaseous emissions 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.
12. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. 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.
  2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. The quantity 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 record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  5. 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 ground water and surface water sources, ensuring that there is no impact on other users.
  6. 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.
  7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.

8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. 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.
16. The quantity 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 record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
  1. 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 monitored 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.
  2. 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.
  3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:

1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2. Outdoor and common area lighting shall be LED.
3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
  1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. 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.
  3. 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.
  4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
  5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
  7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
  8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
  9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
  10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
  1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of

- native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. 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.
  2. 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.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all 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 plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ 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.
9. Human health issues :
1. 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.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  5. Occupational health surveillance of the workers shall be done on a regular basis.
  6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
1. 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.
  2. 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 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 / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

3. 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.
  4. 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.
11. Miscellaneous:
1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
  2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  5. The project proponent shall submit the environmental statement for each financial year in 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.
  6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  8. 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.
  9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  10. 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.
  11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
  13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
  14. 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.
  15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

9. **Stone Gitti/ Boulder(Sandstone) Mining at Araj No. 21/20/1, Village- Sukrit, Robertsganj, Sonbhadra, Shri Ram Ashre Singh, Area 1.0117 Ha. File No. 7196/Proposal No. SIA/UP/MIN/284623/2022**

**RESOLUTION AGAINST AGENDA NO-09**

The project proponent/consultant requested to defer the matter in next SEAC meeting. The committee discussed matter and directed to defer the matter in upcoming SEAC meeting as per request made by project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

10. **Khanda-Boulder/Gitti-Ballast and Red Morrum Mining at Gata No.- 2232 (Khand 01), Village- Gadiyagaow, Tehsil- Sadar, District- Jhansi, Shri Rajendra Mishra,M/s Deep Builders, Area: 0.8090 ha. File No. 7197/Proposal No. SIA/UP/MIN/284435/2022**

**RESOLUTION AGAINST AGENDA NO-10**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd.

During the presentation the committee observed that the letter of intent (LoI) issued for the Khanda-Boulder/Gitti-Ballast and red morram not mentioned in the letter and mining plan prepared by the project proponent for Khanda-Boulder/Gitti-Ballast and red morram. Hence, the committee directed the project proponent to submit revised letter of intent (LoI) mentioning the name of mineral Khanda-Boulder/Gitti-Ballast and red morram from District Administration.

The matter will be discussed only after submission of online information on prescribed online portal.

11. **Stone (Khanda, Boulder, Bailast (Gitti) & Pahadi Red Morram Mining at Gata No. - 841 Mi (Khand No.- 03), Village- Paswara, Tehsil- Mahoba, District- Mahoba, Shri Anil Kumar Singh. Area : 4.00 ha. File No. 6789/Proposal No. SIA/UP/MIN/70431/2021**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Building Stone (Khanda, Boulder, Bailast (Gitti) & Pahadi Red Morram)” Project at Gata No.- 841 Mi (Khand No.- 03), Village-Paswara, Tehsil-Mahoba, District-Mahoba, State-Uttar Pradesh, (Leased Area: 4.0 ha.), M/s Apco Infratech Pvt.Ltd.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 10/Parya/SEIAA/6789/2021 dated 11/04/2022.
3. The public hearing was organized on 29/06/2022. Final EIA report submitted by the project proponent on 23/07/2022.

4. Salient features of the project as submitted by the project proponent:

|     |   |   |  |                |
|-----|---|---|--|----------------|
| 1.  | On-line proposal No   | SIA/UP/MIN/70431/2021   |  |                |
| 2.  | File No. allotted by SEIAA, UP  | 6789  |  |                |
| 3.  | Name of Proponent   | APCO INFRATECH PVT.LTD<br>Director- Sh. Anil Kumar Singh<br>S/o Late Krishan Prasad Singh                                 |  |                |
| 4.  | Full correspondence address of proponent and mobile no.               | Add.- B-9 Vibhuti Khand, Gomati Nagar, Lucknow, U.P.  |  |                |
| 5.  | Name of Project   | Building Stone (Khanda, Boulder, Bailast (Gitti) & Pahadi Red Morram)” Mining Project                                     |  |                |
| 6.  | Project location (Plot/ Khasra /Gata No.)                             | Gata No.- 841 Mi (Khand No.- 03)  |  |                |
| 7.  | Name of Village   | Paswara   |  |                |
| 8.  | Tehsil  | Mahoba  |  |                |
| 9.  | District  | Mahoba  |  |                |
| 10. | Name of Minor Mineral   | Building Stone (Khanda, Boulder, Bailast (Gitti) & Pahadi Red Morram)”  |  |                |
| 11. | Sanctioned Lease Area (in Ha.)  | 4.0 ha.   |  |                |
| 12. | Max.& Min mrl within lease area                                       | 240.0 mRL- 192.0 mRL  |  |                |
| 13. | Pillar Coordinates(Verified by DMO)                                   | Pillars   | Latitude (N)   | Longitude (E)  |
|     |   | A   | 25°17'40.484"N   | 79°57'58.237"E |
|     |   | B   | 25°17'39.149"N   | 79°58'02.370"E |
|     |   | C   | 25°17'37.493"N   | 79°58'02.791"E |
|     |   | D   | 25°17'31.811"N   | 79°57'59.022"E |
|     |   | E   | 25°17'34.019"N   | 79°57'53.978"E |
| 14. | Total Geological Reserves   | 4062720 m <sup>3</sup>  |  |                |
| 15. | Total Mineable Reserves   | 1741200 m <sup>3</sup>  |  |                |
| 16. | Total Proposed Production (in five year)                              | 620000 m <sup>3</sup>   |  |                |
| 17. | Proposed Production / year  | Year  | Building Stone (Khanda, Boulder, Bailast (Gitti) & Pahadi Red Morram) (in m <sup>3</sup> ) |                |
|     |   | 1 <sup>st</sup>   | 124000 m <sup>3</sup>  |                |
|     |   | 2 <sup>nd</sup>   | 124000 m <sup>3</sup>  |                |
|     |   | 3 <sup>rd</sup>   | 124000 m <sup>3</sup>  |                |
|     |   | 4 <sup>th</sup>   | 124000 m <sup>3</sup>  |                |
|     |   | 5 <sup>th</sup>   | 124000 m <sup>3</sup>  |                |
|     |   | Total   | 620000 m <sup>3</sup>  |                |
| 18. | Sanctioned Period of Mine lease                                       | 10 Year   |  |                |
| 19. | Method of Mining  | Opencast Semi-Mechanized  |  |                |
| 20. | No.of working days  | 300 days  |  |                |
| 21. | Working hours/day   | 8 Hours/Day   |  |                |
| 22. | No.Of workers   | 40 (approx.)  |  |                |
| 23. | No.Of vehicle movement /day   | 42 (approx.)  |  |                |
| 24. | Type of Land  | Govt. Land  |  |                |
| 25. | Ultimate Depth of Mining  | 30 meter (average)  |  |                |
| 26. | Nearest metalled road from site                                       | 0.50 km   |  |                |
| 27. | Water Requirement   | PURPOSE   | REQUIREMENT (KLD)  |                |
|     |   | Drinking & Others   | 0.40   |                |
|     |   | Suppression of dust   | 3.00   |                |
|     |   | Plantation  | 4.00   |                |
|     |   | Others( if any)   | -----  |                |
|     |   | Total   | 7.40   |                |
| 28. | Name of QCI Accredited Consultant with QCI No and period of validity. | M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P.<br>NABET/EIA/2124/RA 0224<br>Validity- May 01, 2024 |  |                |
| 29. | Any litigation pending against the project or land in any court       | No  |  |                |
| 30. | Details of 500 m Cluster certificate Verified by Mining Officer       | DMO Mahoba vide Letter No. 1828/MMC-30/2021-22, Dated 05/10/2021  |  |                |
| 31. | Details of Lease Area in approved DSR                                 | Page No. 02, Sr. No. 25   |  |                |



|     |                                  |   |
|-----|----------------------------------|---|
| 32. | Proposed CER cost                | 1.75 Lakh                               |
| 33. | Proposed EMP cost                | 27.45 Lakh                              |
| 34. | Length and breadth of Haul Road. | Length- 0.50 km, Width- more than 6.0 m |
| 35. | No. of Trees to be Planted       | 4000                                    |

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 17/07/2022 mentioning is as follows:

1. I, Dr. Abdul Rahman S/o Sri Mohammad Khalid am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA report for EC in the name of APCO Infratech Pvt. Ltd.
3. C/O Director- Shri Anil Kumar Singh S/O Late Krishan Prasad Singh for the “Building Stone (Khanda, Boulder, Bailast (Gitti) & Pahadi Red Morram))” Project At Gata No. - 841 Mi (Khand No.- 03), Village-Paswara, Tehsil-Mahoba, District-Mahoba, State-Uttar Pradesh (Applied Area:4.0 ha.) with my team.
4. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
5. I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
6. I certify that this project proposal has been uploaded for the first time on Parivesh Portal. In case the project is being uploaded for the second time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
8. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
9. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 11**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to these minutes. The committee also stipulated the following specific conditions:**

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.

4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
11. The project proponent should explore the possibilities of rainwater harvesting.
12. **JBM Hospital Project at Plot No.2, Sec- 22E, Yamuna Expressway, Gautam Budh Nagar, Uttar Pradesh, M/s Hans Vahini Shiksha Samiti. File No. 7074/Proposal No. SIA/UP/MIS/ 272083/2022**

The committee noted that the matter was earlier discussed in 661<sup>st</sup> SEAC meeting dated 07/06/2022 and directed the project proponent is as follows:

“The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the representative of project proponent along with their consultant M/s Grass Roots Research and Creation India (P) Ltd. The committee discussed the matter and directed the project proponent to submit structural stability certificate issued by IITs/reputed institution. The committee also directed that president or any senior officer of the society should come at the time of presentation to explain the project.”

The project proponent submitted their replies through online Parivesh portal on 11/08/2022 and the matter was listed in 680<sup>th</sup> SEAC meeting dated 17/08/2022 for reply presentation. The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Grass Roots Research and Creation India (P) Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for JBM Hospital Project at Plot No.2, Sector-22E, Yamuna Expressway, Gautam Budh Nagar, Uttar Pradesh, M/s Hans Vahini Shiksha Samiti.
2. Total plot area of the project is 20,234.3 m<sup>2</sup> and estimated built-up area is 98,872.59 m<sup>2</sup>.
3. Salient features of the project:

| <b>Description</b>      | <b>Details</b>  |
|-------------------------|---|
| Type of Project         | JBM Hospital (5 Acres)  |
| Project Proponent       | Hans Vahini Shiksha Samiti  |
| Location                | Plot no. 02, Sector-22E, Yamuna Expressway, Gautam Budh Nagar, Uttar Pradesh. |
| Total Plot Area         | 20,234.3 m <sup>2</sup>   |
| Total Built-Up Area     | 98,872.59 m <sup>2</sup>  |
| Estimated Population    | 4,778 persons   |
| Total Water requirement | 552 KLD   |
| Fresh Water Requirement | 284 KLD; Source: Yamuna Express Industrial Development Authority              |
| Solid Waste Generated   | 1,467 kg/day.   |
| Electrical load         | 2,500 kVA; Source: State Electricity Board                                    |
| DG set                  | 3,000 kVA (2*1500 kVA)  |
| RWH Structure           | 03 RWH Pits   |
| Parking Required:       | 748 ECS   |
| Parking Proposed:       | 1282 ECS  |
| Project Cost            | INR 150 Cr.   |

4. Detailed area statement:

| <b>S. No.</b> | <b>Particulars</b>   | <b>Area (m<sup>2</sup>)</b> |
|---------------|--|-----------------------------|
| 1.            | Total Plot area (5 Acres)  | 20,234.3                    |
| 2.            | Permissible Ground Coverage (30% of the Plot Area)                                     | 6,070.29                    |
| 3.            | Proposed Ground Coverage (25.25% of the Plot Area)                                     | 5,109.34                    |
| 4.            | Permissible FAR for Hospital (@ 2.75 of the Plot Area)                                 | 55,644.33                   |
| 5.            | Permissible Service Area (15% of Total FAR)  | 8,346.64                    |
| 6.            | Proposed FAR for Hospital (@2.67 of the Plot Area)                                     | 54,106.32                   |
| 7.            | Proposed Service Area for Hospital (@0.33 of the Plot Area)                            | 6,721.10                    |
| 8.            | Total Non-FAR  | 9,957.21                    |
| 9.            | Basement Area For Hospital   | 28,087.96                   |
| a.            | Upper Basement   | 12,463.90                   |
| b.            | Lower Basement   | 15,624.06                   |
| 10.           | Total Built Up Area (6 + 7 + 8 + 9)  | 98,872.59                   |
| 11.           | Open Area (Total Plot Area – Proposed Ground Coverage)                                 | 15,124.96                   |
| 12.           | Landscape Area (55.71% of the Open Area)<br>(255 nos. of trees proposed to be planted) | 8,426.11                    |
| 13.           | Total Height of Hospital Building (G+11) (Till Parapet Top) (metres)                   | 41.7                        |

5. Details of proposed facility under the project:

- Ground Floor- Emergency, Diagnostics, Cafeteria and Entrance Services, Dialysis, and Burn Unit
- First Floor- OPD, Ayush Pathology and Executive Health Checkup
- Second Floor- Mother Child Unit, Physiotherapy, Blood Bank, Maternity, ICU, Pediatric NRC, Examination EIOC
- Third Floor- Operation Theatre complex, ICU's, Cardiac Care and CCU's
- Fourth Floor- Service Floor
- Fifth Floor- IPD Floor (6 Bedded Wards)
- Seventh floor- IPD Floor (6 Bedded Wards)
- Eight Floor- IPD Floor (3 Bedded Wards)
- Ninth Floor- IPD Floor (3 Bedded Wards)
- Tenth Floor- Service Floor
- Eleventh Floor- Admin, Library and Conference
- Twelfth Floor- Admin. Conference and Others
- Basement 1- Kitchen Services, Staff & Executive Dining Laundry, CSSD, Admin and Radiotherapy.
- Basement 2- Parking

6. Population breakup:

| S. No. | DESCRIPTION  | Persons required |
|--------|--|------------------|
| 1.     | Hospital Block   |                  |
| a.)    | Outdoor Patients (Visitors)                                    | 2,798            |
| b.)    | Indoor Patients/Beds   | 600              |
| c.)    | Attendants with IPD patients (1/Bed)                           | 600              |
| d.)    | Staff (Doctors)  | 140              |
| e.)    | Staff (Nurses)   | 540              |
| f.)    | Other Staff (Admin, Housekeeping, Security, Technicians, etc.) | 100              |
|        | <b>TOTAL</b>   | <b>4,778</b>     |

**7. Water requirement details:**

| S. No.                         | Description  | Occupancy | Rate of water demand (lpcd) | Total Water Requirement (KLD) |
|--------------------------------|--|-----------|-----------------------------|-------------------------------|
| A.                             | Domestic water   |           |                             |                               |
|                                | In-patients/Beds   | 600       | 450                         | 270                           |
|                                | OPD patients   | 2,798     | 15                          | 42                            |
|                                | Staff (Doctors + Nurses)                                       | 680       | 45                          | 31                            |
|                                | Other Staff (Admin, Housekeeping, Security, Technicians, etc.) | 100       | 45                          | 5                             |
|                                | In-patient attendants  | 600       | 15                          | 9                             |
| <b>Sub-Total (A)</b>           |  |           |                             | <b>357 KLD</b>                |
| B.                             | Laundry  | 600 Beds  | (9 ltr x 6kg)               | 32 KLD                        |
| C.                             | Green Area   | 8,426.11  | 5 ltr/Sq.m/Day              | 42 KLD                        |
| D.                             | Water for Kitchen  | 600 x 3   | 35                          | 63 KLD                        |
| E.                             | HVAC   | 600 TR    | 8 ltr/12hr/TR               | 58 KLD                        |
| <b>Grand Total (A+B+C+D+E)</b> |  |           |                             | <b>552 KLD</b>                |

**8. Waste water generation (ETP):**

| S. No. | Description   | Quantity (KLD)                          |
|--------|---|---|
| 1.     | Fresh and flushing water requirement for the hospital including:<br>IPD (@5% of total IPD water requirement)<br>OPD (@100% of total OPD water requirement)<br>OT, Lab (@10% of total water required by In patients/Beds)<br><br>Laundry | 114<br><br>13.0<br>42.0<br>27.0<br>32.0 |
| 2.     | Wastewater going to ETP @ 80% of 55 KLD (13 KLD + 42 KLD) and 100% of 59 KLD (27 KLD + 32 KLD)  | 44 + 59 = 103 KLD                       |
| 3.     | ETP Capacity  | 124 KLD                                 |

**9. Waste water generation (STP):**

| S. No. | Description   | Quantity (KLD)     |
|--------|---|--------------------|
| 1.     | Fresh water requirement for the hospital (excluding IPD, OPD, OT, Lab & Laundry) @ 70% of 243 KLD (= 357 KLD – 114 KLD) | 170                |
| 2.     | Flushing water requirement (excluding IPD, OPD, OT, Blood Bank & Lab) @ 30% of 243 KLD (= 357 KLD – 114 KLD)            | 73                 |
| 3.     | Wastewater going to STP @ 80% of (170 KLD) + 100% of (73 KLD)   | 136 + 73 = 209 KLD |
| 4.     | STP Capacity  | 251 KLD            |

**10. Solid waste generation details:**

| S. No. | Category                       | Kg/capita/day     | Waste generated (kg/day) |
|--------|--------------------------------|-------------------|--------------------------|
| 1.     | Inpatients (600)               | @ 1.2 kg/bed/day  | 720                      |
|        | Staff (Doctors + Nurses) (680) | @ 0.25 kg/day     | 170                      |
| 2.     | Other Staff (100)              | @ 0.25 kg/day     | 25                       |
| 3.     | Visitors (3,398)               | @ 0.15 kg/day     | 510                      |
| 4.     | Landscape waste (2.082 acre)   | @ 0.2 kg/acre/day | 0.4164                   |
| 5.     | STP sludge                     | (0.35*B.O.D       | 21                       |

|  |            |   |              |
|--|------------|---|--------------|
|  |            | Difference*Wastewater generation in STP/1000              |              |
| 6.   | ETP sludge | (0.35*B.O.D Difference*Wastewater generation in ETP)/1000 | 21           |
| Total solid waste generated                                      |            |   | 1,467 Kg/day |
| Total Bio-medical waste (25% of the Total solid waste generated) |            |   | 367 kg/day   |

11. The project proposal falls under category–8(a) of EIA Notification, 2006 (as amended).

### **RESOLUTION AGAINST AGENDA NO-12**

**The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:**

#### **Additional Conditions:**

1. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
2. The project proponent shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR", directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.
3. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
4. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
5. Oxygen generation plant of adequate capacity must be installed in the hospital premises.
6. Police post shall be provided near emergencies.
7. Dedicated power supply to be installed in operation theaters and other critical areas should be ensured.
8. Accommodation for attendants to be provided near indoor nursing wards.
9. Bio medical waste management shall be followed as per The Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste for more than 24 hours.
10. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed.
11. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
12. CER should include the purchase of an ambulance and it should be the part of EMP.
13. Parking space for ambulances shall be exclusively earmarked.
14. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
15. The project proponent should develop 03 tier plantations to all around the boundary of project.
16. Project Proponent should adopt 01 village & develop them as model village.

#### **Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

1. Statutory compliance:
  1. 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.

2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
3. 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.
4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5. 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.
6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7. 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.
8. 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.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
  2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
  3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
  4. 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 walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  5. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  6. Wet jet shall be provided for grinding and stone cutting.
  7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  8. All construction and demolition debris shall be stored at the site (and 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.
  9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
  10. The gaseous emissions 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. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
  11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. 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.
2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. The quantity 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 record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  5. 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 ground water and surface water sources, ensuring that there is no impact on other users.
  6. 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.
  7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
  8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
  11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
  12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
  13. All recharge should be limited to shallow aquifer.
  14. No ground water shall be used during construction phase of the project.
  15. Any ground water dewatering should be properly managed and shall conform to the a 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.
  16. The quantity 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 record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
  18. No sewage or untreated effluent water would be discharged through storm water drains.
  19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per

- statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
  21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
1. 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 monitored 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.
  2. 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.
  3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
  4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
  5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
  6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. 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.
  3. 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.
  4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.



5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
  1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
  1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. 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.
  2. 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.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all 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 plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ 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.
9. Human health issues :

1. 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.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  5. Occupational health surveillance of the workers shall be done on a regular basis.
  6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
1. 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.
  2. 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 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 / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  3. 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.
  4. 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.
11. Miscellaneous:
1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
  2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  5. The project proponent shall submit the environmental statement for each financial year in 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.
  6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

8. 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.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. 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.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. 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.
15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**(Dr. Brij Bihari Awasthi)**  
**Member**

**(Umesh Chandra Sharma)**  
**Member**

**(Dr. Ratan Kar)**  
**Vice-Chairman**

**(Ashish Tiwari)**  
**Member-Secretary, SEAC-1**

**Nodal, SEAC-1**

MoM prepared by Secretariat in consultation with  
Chairman & Members on the basis of decisions  
taken by SEAC-1 during the meeting.

**Annexure-1**

**Standard Terms of Reference for the Mining Project prescribed by MoEF&CC, GoI**

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.

- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 21) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 22) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 23) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.

- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 29) Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 30) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 31) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 32) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 33) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 36) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 37) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 38) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 39) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 40) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.

45) Besides the above, the below mentioned general points are also to be followed:-

- a) Executive Summary of the EIA/EMP Report
- b) All documents to be properly referenced with index and continuous page numbering.
- c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
- d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
- e) Where the documents provided are in a language other than English, an English translation should be provided.
- f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.