

### **Minutes of 781<sup>st</sup> SEAC-2 Meeting Dated 05/09/2023**

The 781<sup>st</sup> meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 05/09/2023. Following members participated in the meeting:

- |    |                             |                          |
|----|-----------------------------|--------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2         |
| 2. | Dr. Amrit Lal Halder,       | Member, SEAC-2           |
| 3. | Shri Tanzar Ullah Khan,     | Member, SEAC-2           |
| 4. | Prof. Jaswant Singh,        | Member, SEAC-2           |
| 5. | Dr. Shiv Om Singh,          | Member, SEAC-2           |
| 6. | Shri Ashish Tiwari,         | Member Secretary, SEAC-2 |

The Chairman welcomed the members to the 781<sup>st</sup> SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

**1. Building Stone/Sand Stone Mining project at Arazi No. 157, Village- Sonpur, Tehsil- Chunar, District: Mirzapur, Shri Suresh Pratap Singh, M/s Sri Bajrang Road Lines, Area: 2.02 ha., 8040/ 7308/SIA/UP/MIN/437835/2023**

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 environmental clearance is sought for Building Stone/ Sandstone mining project at Arazi No. 157, Village- Sonpur, Tehsil- Chunar, District- Mirzapur, State-Uttar Pradesh, (Leased Area : 2.02 Ha), M/s Shri Bajrang Road Lines.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 299/Parya/SEIAA/7308/2022 Dated 05/12/2022.
3. The Public Hearing was organized on 12/06/2023. Final EIA Report was submitted by the Project Proponent on 05/08/2023.
4. Salient features of the project as submitted by the project proponent:

|     |   |  |
|-----|---|--|
| 1.  | On-line proposal No.                                    | SIA/UP/MIN/437835/2023   |
| 2.  | File No. allotted by SEIAA, UP                          | 8040/7308  |
| 3.  | Name of Proponent                                       | M/s Shri Bajrang Road Lines,<br>Proponent- Shri Suresh Pratap Singh                                |
| 4.  | Full correspondence address of proponent and mobile No. | R/o Karanpur, Kundaganj Railway Station Raibareilly,<br>District- Raibareilly, State-Uttar Pradesh |
|     |   | Mobile No-   |
|     |   | Email-   |
| 5.  | Name of Project   | Proposed Sonpur Building Stone/ Sandstone Mining Project   |
| 6.  | Project location (Plot/Khasra/Gata No.)                 | Arazi No. 157 (Kramank. No. 11)  |
| 7.  | Name of River   | -  |
| 8.  | Name of Village   | Sonpur   |
| 9.  | Tehsil  | Chunar   |
| 10. | District  | Mirzapur   |
| 11. | Name of Minor Mineral                                   | Building Stone/ Sandstone  |
| 12. | Sanctioned Lease Area (in Ha.)                          | 2.02 Ha  |
| 13. | Max & Min mRL within lease area                         | Max- 118.0 mRL and Min- 98.0 mRL   |

|     |   |   |                |                   |
|-----|---|---|----------------|-------------------|
| 14. | Pillar Coordinates (Verified by DMO)                                  | Sanctioned Mining Lease Area  |                |                   |
|     |   | Pillar No.  | Latitude       | Longitude         |
|     |   | A   | 25° 02'40.40"N | 83°0'6.10"E       |
|     |   | B   | 25° 02'37.40"N | 83°0'14.50"E      |
|     |   | C   | 25°02'35.01"N  | 83°0'12.23"E      |
|     |   | D   | 25° 02'38.55"N | 83°0'4.29"E       |
| 15. | Total Geological Reserves   | 10,86,447 Cum   |                |                   |
| 16. | Total Mineable Reserves in LOI  | 60,600 cum/year   |                |                   |
| 17. | Total Proposed Production   | 60,600 cum/year   |                |                   |
| 18. | Proposed Production/year  | 60,600 cum  |                |                   |
| 19. | Sanctioned Period of Mine lease                                       | Maximum 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  | 30  |                |                   |
| 24. | No. of vehicles movement/day  | 33  |                |                   |
| 25. | Type of Land  | Government waste land   |                |                   |
| 26. | Ultimate Depth of Mining  | 42  |                |                   |
| 27. | Nearest metalled road from site                                       | 0.04 km   |                |                   |
| 28. | Water Requirement   | PURPOSE   |                | REQUIREMENT (KLD) |
|     |   | Drinking  |                | 0.30              |
|     |   | Suppression of dust   |                | 1.42              |
|     |   | Plantation  |                | 4.04              |
|     |   | Others  |                | 0.30              |
|     |   | Total   |                | 6.06              |
| 29. | Name of QCI Accredited Consultant with QCI No and period of validity. | Cognizance Research India Pvt. Ltd.1922, Valid Upto 10 September 2023.  |                |                   |
| 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<br>1385/Khanij/2022-23, Dated 22/08/2022   |                |                   |
| 32. | Details of Lease Area in approved DSR                                 | Yes, given in the DSR<br>1386/Khanij/DSR/2022, Dated 22/08/2022   |                |                   |
| 33. | Proposed CER cost   | Rs 98,000/-   |                |                   |
| 34. | Proposed EMP cost   | EMP Capital Cost = Plantation cost + CER<br>= Rs. 24,24,000 + Rs. 98,000<br>= Rs. 25,22,000/-<br><br>EMP Recurring Cost =Rs. 5,38,000/- |                |                   |
| 35. | Length and breadth of Haul Road                                       | Length: 118 m, width: 6 m   |                |                   |
| 36. | No. of Trees to be Planted  | 2020 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 01/09/2023 mentioning is as follows:

- I Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
- I have prepared EIA/EMP project for the proposal (SIA/UP/MIN/437835/2023), File No. 8040-7308 for Building Stone/ Sandstone mining project at Arazi No. 157, Village- Sonpur, Tehsil- Chunar, District- Mirzapur, State-Uttar Pradesh, (Leased Area : 2.02 Ha), M/s Shri Bajrang Road Lines with my team.

3. I have personally visited the proposed site along with team 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 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. 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.
8. 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 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 additional conditions:**

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. 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.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. 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
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. The project proponent should explore the possibilities of rainwater harvesting.

13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, UP.

**2. “Building Stone as Sandstone Mining Project” at Arazi No.- 142 Village- Shishtakhurd, Tehsil- Sadar, District- Mirzapur, Smt. Premashila Devi, Area- 0.747 Ha., 8042/SIA/UP/MIN/439312/2023**

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 Environmental Research and Analysis, Lucknow (U.P). During the presentation the committee asked the project proponent regarding area mismatch between district survey report and letter of intent. The project proponent submitted a clarification letter no. 5697/Khanij/DSR/2023-24, dated 05/09/2023 issued by Senior Mining Officer, Mirzapur regarding area mismatch between district survey report and letter of intent through which they have informed that:

“...अवगत कराना है कि जिला सर्वेक्षण रिपोर्ट () के पृष्ठ संख्या-32 के क्रम संख्या-29 पर अंकित सैण्ड स्टोन का खनन क्षेत्र, जो कि गाटा संख्या-142, क्षेत्रफल 0.809 हे० (2.00 एकड़) ग्राम शिष्टाखुर्द, तहसील-सदर, जनपद-मीरजापुर में स्थित है, जिसे श्री जमुना प्रसाद पुत्र श्री बैजनाथ निवासी ग्राम-मनोहरपुर, सदर, जनपद मीरजापुर के पक्ष में दिनांक 14/11/2021 तक के लिए आवंटित किया गया था। उक्त आवंटित खनन पट्टा क्षेत्र के पुर्नगठन हेतु सर्वेक्षण किया गया। सर्वेक्षण उपरान्त रकबा 0.809 हे० में से रकबा 0.747 हे० खनन हेतु उपयुक्त पाया गया।”

“...जिला सर्वेक्षण रिपोर्ट के पृष्ठ संख्या-32 के क्रमांक-29 में उल्लिखित ग्राम-शिष्टाखुर्द के गाटा संख्या-142, क्षेत्रफल 0.747 हे० पट्टा व समक्षा जाये।”

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 as Sandstone Mining Project” at Arazi No.- 142 Village- Shishtakhurd, Tehsil- Sadar, District- Mirzapur, U.P., (Leased Area- 0.747 Ha.).
2. Salient features of the project as submitted by the project proponent:

|   |  |               |               |
|---|--|---------------|---------------|
| On-line proposal No.                                    | SIA/UP/MIN/439312/2023   |               |               |
| File No. allotted by SEIAA, U.P                         | 8042   |               |               |
| Name of Proponent                                       | Prop. – Smt. Premashila Devi W/O Shri Siddh Nath Yadav           |               |               |
| Full correspondence address of proponent and mobile no. | R/O – Manoharpur, Post Pahara,<br>District - Mirzapur (U.P.)     |               |               |
| Name of Project   | Building Stone as Sandstone                                      |               |               |
| Project location (Plot/Khasra/Gata No.)                 | Arazi No. 142  |               |               |
| Name of Village   | Shishtakhurd   |               |               |
| Tehsil  | Sadar  |               |               |
| District  | Mirzapur ,Uttar Pradesh  |               |               |
| Name of Minor Mineral                                   | Building Stone as Sand stone                                     |               |               |
| Sanctioned Lease Area (in Ha.)                          | 0.747Ha.   |               |               |
| Mineable Area (in Ha.)                                  | 0.52 Ha. (safety margin land 0.227Ha.)                           |               |               |
| Max. & Min mrl within lease area                        | The Highest mRL of the lease area is 138 mRL & 135lowest is mRL. |               |               |
| Pillar Coordinates (Verified by DMO)                    | Pillar   | Latitude(N)   | Longitude(E)  |
|   | A  | 25°01'19.70"N | 82°43'34.40"E |
|   | B  | 25°01'17.90"N | 82°43'37.60"E |
|   | C  | 25°01'15.98"N | 82°43'35.82"E |
|   | D  | 25°01'17.89"N | 82°43'32.98"E |
| Total Geological Reserves                               | 17,963 m3  |               |               |
| Total Mineable Reserve                                  | 74,709 m3 for 5 years  |               |               |

**Minutes of 781<sup>th</sup> SEAC-2 Meeting Dated 05/09/2023**

|  |  |                           |
|--|--|---------------------------|
| Total Proposed Production  | 14940 m3 per year  |                           |
| Proposed Production  | 74700 m3 in 5 years.   |                           |
| Sanctioned Period of Mine lease  | 20 years   |                           |
| Proposed Production for 20 years   | 298800 m3 in 20 years.   |                           |
| Method of Mining   | Open cast, Semi-Mechanized   |                           |
| No. of working days  | 250  |                           |
| Working hours/day  | 8 hours  |                           |
| No. Of workers   | Approximately 30 workers   |                           |
| No. Of vehicles movement/day   | Approximately 4-5 movements per day. (Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use)                           |                           |
| Type of Land   | State Govt. Land   |                           |
| Ultimate Depth of Mining   | 18.0 meter as per Approved mining plan   |                           |
| Nearest metalled road from site  | NH-35 about 7.4 km towards West direction.   |                           |
| Water Requirement  | PURPOSE  | REQUIREMENT (KLD)         |
|  | Drinking water   | 0.40 KLD                  |
|  | Dust suppression   | 0.63 KLD                  |
|  | Plantation   | 1.0 KLD                   |
|  | Others (if any)  | -                         |
|  | Total  | 2.03 KLD (Approx 2.0 KLD) |
| Name of QCI Accredited Consultant with QCI No<br>And period of validity. | Environmental Research and Analysis, Lucknow (U.P)<br>Certificate No. NABET/ EIA/ 1922/RA 0200 (REV-01)<br>Extension Valid up to 21/01/2024. |                           |
| Any litigation pending against the project or land in any court          | No   |                           |
| Details of 500 m Cluster Map & certificate issued by Mining Officer      | Letter No. 3896/M.M.C-30/2022-23, Date- 05/04/2023   |                           |
| Details of Lease Area in approved DSR                                    | In DSR report page no 32 ,Sl.No.29   |                           |
| Proposed EMP cost  | Rs. 7,66,140/-   |                           |
| Proposed Total Project cost  | Rs. 95,00,000/-  |                           |
| Length and breadth of Haul Road  | 70 m length and 6m width   |                           |
| No. of Trees to be Planted   | 1000   |                           |

- 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 04/09/2023 mentioning is as follows:

- I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
- I have prepared EC (B2) report for the Proposal No. SIA/UP/MIN/439312/2023 (File No. – 8042) Building Stone Sandstone Mine located in Village – Shishtakhurd, Tehsil - Sadar, District – Mirzapur, (U.P. Araji no. 142 area – 0.747 ha. Prop. – Smt. Premashila Devi W/O Shri Siddh Nath Yadav R/O : Manoharpur, Post Pahara, District - Mirzapur (U.P.), U.P With My Team.
- 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.
- I have satisfied with that all the necessary data/information required for EC (B2) presentations are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- 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 EC (B2) report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 02**

**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 additional conditions:**

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. 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.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. 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
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. The project proponent should explore the possibilities of rainwater harvesting.
13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, UP.

**3. “Ordinary Soil Excavation Project” at Gata No.- 336Mi, Village- Musawali, Tehsil- Etawah, District- Etawah, Shri Shailendra Singh, Area: 3.0351Ha., 8044/SIA/UP/MIN/439316/2023**

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 Earthvision India Associate Consultants. 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 “Ordinary Soil Excavation Project” at Gata No. 336Mi, Village- Musawali, Tehsil- Etawah, District- Etawah, U.P., (Leased Area: 3.0351 Ha.).
2. Salient features of the project as submitted by the project proponent:

|     |  |   |                     |                         |               |
|-----|--|---|---------------------|-------------------------|---------------|
| 1.  | On-line proposal No.   | SIA/UP/MIN/439316/2023  |                     |                         |               |
| 2.  | File No. allotted by SEIAA,UP  | 8044  |                     |                         |               |
| 3.  | Name of Proponent  | Shri Shailendra Singh S/o Shri Ram Prakash  |                     |                         |               |
| 4.  | Registered Address   | R/o- 309, Indrapur, District- Etawah, Uttar Pradesh.  |                     |                         |               |
| 5.  | Full correspondence address of proponent and mobile no.              | R/o- 309, Indrapur, District- Etawah, Uttar Pradesh.  |                     |                         |               |
|     |  | Mobile no.-   |                     |                         |               |
|     |  | E-mail ID-  |                     |                         |               |
| 6.  | Name of Project  | Ordinary Soil Mining Project  |                     |                         |               |
| 7.  | Project location Khasra No   | Gata No.- 336Mi   |                     |                         |               |
| 8.  | Name of Village  | Musawali  |                     |                         |               |
| 9.  | Tehsil   | Etawah  |                     |                         |               |
| 10. | District   | Etawah, Uttar Pradesh.  |                     |                         |               |
| 11. | Name of Minor Mineral  | Ordinary Soil   |                     |                         |               |
| 12. | Sanctioned Lease Area (in Ha.)                                       | 3.0351 Ha.  |                     |                         |               |
| 13. | Max. & Min mRL within lease area                                     | The highest level is 149.0mRL & The lowest level is 147.0 mRL                                 |                     |                         |               |
| 14. | Pillar Coordinates (Verified by DMO)                                 | Gata No.  | Pillar Name         | Latitude                | Longitude     |
|     |  | 336fe   | A                   | 26°42'59.46"N           | 79° 1'30.69"E |
|     |  |   | B                   | 26°43'0.38"N            | 79° 1'29.22"E |
|     |  |   | C                   | 26°43'1.32"N            | 79° 1'30.30"E |
|     |  |   | D                   | 26°43'0.14"N            | 79° 1'31.46"E |
| 15. | Period of agreement between Project proponent & Land Owner           | 3 Months  |                     |                         |               |
| 16. | Mine Plan approval details   | Letter No. 758/ Khanij Sahayak/Khanan Yogna/2023-24, Dated 07-07-2023                         |                     |                         |               |
| 17. | Validity of Mine Plan  | 3 Months  |                     |                         |               |
| 18. | Total Proposed Production  | 55,997.60 M <sup>3</sup>  |                     |                         |               |
| 19. | Method of Mining   | Opencast/ Semi Mechanized   |                     |                         |               |
| 20. | No. of workers   | 10 Workers  |                     |                         |               |
| 21. | Type of Land   | Private Land  |                     |                         |               |
| 22. | Ultimate Depth of Mining   | 2.25 m  |                     |                         |               |
| 23. | Water Requirement  | S. No.  | Purpose             | Water Requirement (KLD) |               |
|     |  | 1   | Dust Suppression    | 1.80                    |               |
|     |  | 2   | Plantation          | 0.50                    |               |
|     |  | 3   | Domestic (Drinking) | 0.15                    |               |
|     |  | Total   |                     | 2.45 KLD                |               |
| 24. | Name of QCI Accredited Consultant with QCI No and period of validity | M/s Earthvision India Associate Consultants, QCI NABET/EIA/2124/IA 0077 Valid till 24.02.2024 |                     |                         |               |
| 25. | Any litigation pending against the project or land in any court      | No  |                     |                         |               |

|     |   |   |
|-----|---|---|
| 26. | Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration | None  |
| 27. | Details of 500 m Cluster certificate & Map Verified by Mining Officer   | Letter No. 759/ Khanij Sahayak/Khanan Yogna/2023-24, Dated 03-06-2023 |
| 28. | Proposed CER cost   | Rs. 31,900/-  |
| 29. | Proposed EMP cost   | Rs. 90,000/-  |
| 30. | No. of Trees to be Planted.   | 100   |
| 31. | Detail of CTE/CTO issued by UPPCB   | NA  |

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 04/09/2023 mentioning is as follows:

1. I Brij Mohan Singh Negi S/o K.S. Negi is EIA Coordinator of Earthvision India Associate Consultants, Lucknow.
2. I have prepared EIA/EMP report for the Proposal EC in Name of Shri Shailendra Singh S/o Shri Ram Prakash 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 that all the necessary data/ information submitted along with Application /EIA/EMP are true and correct.
5. I certify that this project proposal 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. 03**

**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-2 to these minutes.**



**4. Commercial Residential project “Shalimar Crest” at Plot No.- TC-47 & 48, Vibhuti Khand, Gomti Nagar, District- Lucknow, Shri Sheo Janam Chaudhari., 8050/SIA/UP/INFRA2/434454/2023**

**RESOLUTION AGAINST AGENDA NO. 04**

During the presentation the committee noted that the project proponent/consultant submitted online application on Parivesh Portal for the environmental clearance of “*Proposed Commercial Residential project “Shalimar Crest” at Plot No. TC-47 & 48, Vibhuti Khand, Gomti Nagar, Lucknow, Uttar Pradesh*” but the hard copy submitted to the Secretariat the name of the project is mentioned as “*Proposed Commercial Residential project “Shalimar Sky Garden” at Plot No. TC-47 & 48, Vibhuti Khand, Gomti Nagar, Lucknow, Uttar Pradesh*”. The committee discussed the matter and directed the project proponent to submit clarification along with supporting documents regarding mismatch the name of the project between online application and hard copy.

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

**5. Expansion of Group Housing Project at Plot No. GH-04B, Sector-10, Greater Noida, District- Gautam Budh Nagar, Shri Kaushal Jain, M/s Prosper Buildtech Private Limited., 8052/SIA/UP/INFRA2/439304/2023**

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 Ind Tech House Consult, Delhi. 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 Expansion of Group Housing Project at Plot No. GH-04B, Sector-10, Greater Noida, District- Gautam Budh Nagar, U.P., M/s Prosper Buildtech Private Limited.
2. Environment Clearance for the existing project was issued by MoEF&CC, Govt. of India vide File no. 21-155/2017-IA-III dated 10<sup>th</sup> August 2017 for total plot area 20,240.00 sqm and built-up area 1,17,575.43 sqm.
3. Due to additional green FAR, built up area is increasing from 117575.43 sqm to 134309.077 sqm.
4. Total plot area is 20,240 sqm whereas built-up area will be 134309.077 sqm.
5. Expected population will be 5127.
6. Maximum number of floors will be 2B+ST+22 and maximum height of the building will be 77.98 m.
7. No. of Residential and Community Facility Blocks will be 13 (11+2).
8. Total Saleable DU's (dwelling units) is 944.
9. Comparative details of existing and expansion project:

| S.No. | Particulars             | As per Previous EC                      | As per revised Proposal                 | Difference | Unit |
|-------|-------------------------|---|---|------------|------|
| 1     | Plot Area               | 20240                                   | 20240                                   | 0          | sqm  |
| 2     | Built-up Area           | 117575.43                               | 134309.077                              | +16733.647 | sqm  |
| 3     | No. of Blocks           | 13 (11 Residential + 2 facility blocks) | 13 (11 Residential + 2 facility blocks) | No Change  | nos. |
| 4     | No. of floors           | 2B+ST+22                                | 2B+ST+22                                | No Change  | nos. |
| 5     | Population              | 5127                                    | 5127                                    | No Change  | nos. |
| 6     | Total Water Requirement | 417                                     | 417                                     | No Change  | KLD  |
| 7     | Fresh Water Requirement | 282                                     | 282                                     | No Change  | KLD  |

|    |                         |                       |          |           |        |
|----|-------------------------|-----------------------|----------|-----------|--------|
| 8  | Waste water generation  | 326                   | 326      | No Change | KLD    |
| 9  | No. of RWH pits         | 5                     | 5        | No Change | nos.   |
| 10 | Solid waste generated   | 2.23                  | 2.23     | No Change | TPD    |
| 11 | Sludge quantity         | 117.4                 | 117.4    | No Change | kg/day |
| 12 | Green Area              | 6651                  | 7424.909 | +773.909  | sqm    |
| 13 | Proposed Parking        | 978                   | 1077     | +99       | ECS    |
| 14 | Total Power Requirement | 2680                  | 2360     | -320      | KW/KVA |
| 15 | DG set capacity         | 2010 (1x1010 + 2x500) | 1750     | -260      | KVA    |
| 16 | Cost of the project     | 172                   | 269      | +97       | Cr.    |

10. Salient features of the project:

| Sl. No.               | Description   | Total Quantity | Unit   |
|-----------------------|---|----------------|--------|
| GENERAL               |   |                |        |
| 1                     | Plot Area   | 20240          | SQMT   |
| 2                     | Proposed Built Up Area  | 134309.077     | SQMT   |
| 3                     | Total no of Saleable DU's   | 944            | No.    |
| 4                     | Max Height - (Height of tallest block upto OHT)                                 | 77.98          | M      |
| 5                     | No of Building Blocks (Residential + Community facilities)                      | 13 (11+2)      | No.    |
| 6                     | Max No of Floors  | 2B+ST+22       | No.    |
| 7                     | Expected Population (4248 Residential+879 Floating)                             | 5127           | No.    |
| 8                     | Total Cost of Project   | 297.23         | CR     |
| 9                     | Proj Activity: Group Housing with community hall & convt. shopping              |                |        |
| AREAS                 |   |                |        |
| 10                    | Permissible Ground Coverage Area (35%)  | 7084           | SQMT   |
| 11                    | Proposed Ground Coverage Area (26.6%)   | 5390.182       | SQMT   |
| 12                    | Permissible FAR Area (Incl Extra 5% for Green Bldg Certification)               | 74382.00       | SQMT   |
| 13                    | Proposed FAR Area   | 73379.853      | SQMT   |
| 14                    | Non-FAR Areas - Total Basement Area etc   | 33508.67       | SQMT   |
| 15                    | Non-FAR areas -Stilt Area   | 2637.69        | SQMT   |
| 16                    | Non-FAR areas – Ancl. & Balcony areas etc                                       | 24782.859      | SQMT   |
| 17                    | Proposed Total Built Up Area  | 134309.077     | SQMT   |
| WATER                 |   |                |        |
| 18                    | Total Water Requirement   | 417            | KLD    |
| 19                    | Fresh water requirement   | 282            | KLD    |
| 20                    | Treated Water Requirement   | 135            | KLD    |
| 21                    | Waste water Generation  | 326            | KLD    |
| 22                    | Proposed Capacity of STP  | 390            | KLD    |
| 23                    | Treated Water Available for Reuse   | 261            | KLD    |
| 24                    | Treated Water Recycled  | 135            | KLD    |
| 25                    | Surplus treated water to be discharged in Municipal Sewer with Prior permission | 126            | KLD    |
| RAIN WATER HARVESTING |   |                |        |
| 26                    | Rain Water Harvesting - Recharge Pits   | 5              | No.    |
| PARKING               |   |                |        |
| 27                    | Total Parking Required as / Building Bye Laws                                   | 930            | ECS    |
| 28                    | Proposed Total Parking  | 1077           | ECS    |
| 29                    | Parking on Surface  | 54             | ECS    |
| 30                    | Stilt Parking & Podium Parking  | 88             | ECS    |
| 31                    | Parking in Basements (Including Mechanical)                                     | 935            | ECS    |
| GREEN AREA            |   |                |        |
| 32                    | Proposed Green Area (36.7% of plot area)  | 7424.909       | SQMT   |
| WASTE                 |   |                |        |
| 33                    | Total Solid Waste Generation  | 2.23           | TPD    |
| 34                    | Organic waste   | 1.34           | TPD    |
| 35                    | Quantity of E-Waste Generation- Kg/Day  | 15             | KG/DAY |
| 36                    | Quantity of Hazardous waste Generation  | 4.9            | LPD    |
| 37                    | Quantity of Sludge Generated from STP   | 117.35         | KG/DAY |
| ENERGY                |   |                |        |

|    |                         |      |     |
|----|-------------------------|------|-----|
| 38 | Total Power Requirement | 2360 | KVA |
| 39 | DG set backup           | 1750 | KVA |
| 40 | No of DG Sets           | 3    | No. |

**11. Land use details:**

| S. No. | Particulars             | Area (sqm) | % w r t plot area |
|--------|-------------------------|------------|-------------------|
| 1      | Ground Coverage Area    | 5390.182   | 26.6%             |
| 2      | Green Area              | 7424.909   | 36.7%             |
| 3      | Road/Paved/Parking Area | 7425       | 36.6%             |
| 4      | Total Plot Area         | 20240      | 100               |

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

The consultant (EIA Coordinator) also submitted an affidavit dated 05/09/2023 mentioning is as follows:

1. I, Soumya Dwivedi, S/o Shri J.P. Dwivedi is EIA Coordinator of M/s Ind Tech House Consult.
2. I have prepared the EIA/EMP report for the proposal SIA/UP/INFRA2/439304/2023 for Expansion of Group Housing Project at Plot No. GH-04B, Sector-10, Greater Noida, District-Gautam Budh Nagar, U.P., M/s Prosper Buildtech Private Limited with my team.
3. I have personally visited the site and certify that no construction activity has been undertaken on the expansion part of the project site.
4. I am satisfied with that all the necessary data/information submitted along with application form-1, 1A, & Conceptual Plan for environmental clearance are true and correct.
5. I certify that this project has been uploaded for 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 hard copy/presentation submitted which will be submitted after acceptance of application.
7. The EC 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 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. 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.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
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. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
5. 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.
6. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and

- submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
7. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
  8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
  9. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water. The project proponent will submit revised water mass balance in the light of above to the directorate of Environment and the concerned regulatory authorities.
  10. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
  11. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
  12. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.

**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, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murram, 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 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.

**6. Expansion of IT/ITES project at Plot No- 7, Sector-Techzone 4, Greater Noida, District-Gautam Budh Nagar, Shri Chanchal Kumar Sharma, M/s A.L Softweb Pvt. Ltd., 8054/7017/SIA/UP/INFRA2/439507/2023**

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 Aplinka Solutions & Technologies Pvt. Ltd. During the presentation the project proponent submitted the following chronological details before the SEAC:

1. The terms of reference (ToR) application for the proposed expansion project was submitted on 04/04/2022 and online Standard Terms of Reference were issued on 08/04/2022.
2. The EIA Report for the proposed expansion was submitted through online PARIVESH Portal on 30/12/2022 bearing Proposal No. SIA/UP/INFRA2/412595/2022.
3. Later there were some changes in the project details and planning resulting in the increase of built-up area of the project, as a result of which, a revised proposal was submitted for seeking amendment in Terms of Reference.
4. The project was included in the 744<sup>th</sup> SEAC-2 Meeting dated 28/04/2023, where the committee recommended the case to SEIAA for grant of amendment in Terms of Reference (ToR).
5. SEIAA through its minutes of 736<sup>th</sup> meeting dated 01/06/2023 agreed to amend the Terms of Reference (ToR) for the project.
6. The amendment Terms of Reference (ToR) for the project was issued on dated 28/06/2023.
7. The final EIA Report was submitted through online Parivesh Portal on 07/08/2023 bearing Proposal No. SIA/UP/INFRA2/439507/2023.

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 Expansion of IT/ITES project at Plot No- 7, Sector-Techzone-4, Greater Noida, District- Gautam Budh Nagar, U.P., M/s A.L Softweb Pvt. Ltd.
2. Environmental Clearance for the existing project was issued by SEIAA, U.P. vide letter no. 252/Parya/SEIAA/4506-4808/2019, dated 24/08/2020 for the plot area 91,308 m<sup>2</sup> and built-up area 2,96,352.347 m<sup>2</sup>.
3. Salient features of the Project:

| DESCRIPTION             | DETAILS   |
|-------------------------|---|
| Type of Project         | IT/ITES Project   |
| Project Proponent       | M/s AL Softweb Pvt. Ltd.  |
| Location                | Plot No. 7, Sector – Techzone 4, Greater Noida, Uttar Pradesh           |
| Total Plot Area         | 91,308 m <sup>2</sup>   |
| Total Built-up Area     | 3,27,150.644 m <sup>2</sup>   |
| Estimated Population    | 26,629 individuals  |
| Total Water Requirement | 1,878 KLD   |
| Fresh Water Requirement | 1,325 KLD   |
| Solid Waste Generated   | 6,866 kg/day  |
| Electrical load         | 8.5 MW  |
| DG Set(s)               | 06 DG sets of total capacity: 11,50 kVA (5 x 2,000 kVA + 1 x 1,500 kVA) |
| RWH Structure           | 14 RWH pits   |
| Parking Proposed        | 3,717 ECS   |
| Project Cost            | ₹855 Cr.  |

4. Comparative area details of existing and expansion project:

| S. No. | Particular                  | Existing (m <sup>2</sup> ) | Expansion (m <sup>2</sup> ) | Total Proposed (m <sup>2</sup> ) |
|--------|-----------------------------|----------------------------|-----------------------------|----------------------------------|
| 1      | Total Plot area             |                            | 91,308                      |                                  |
| 2      | Permissible Ground Coverage |                            | 31,957.80                   |                                  |

|    |  |              |           |              |
|----|--|--------------|-----------|--------------|
|    | % of Total Plot Area                   | 35.00%       |           |              |
| 3  | Proposed Ground Coverage               | 21,679       | 9,763.95  | 31,442.95    |
|    | % of Total Plot Area                   | 23.74%       | 10.69%    | 34.43%       |
| 4  | Proposed Road & Paved                  | 30,650.21    |           |              |
|    | % of Total Plot Area                   | 33.57%       |           |              |
| 5  | Proposed Green area                    | 31,991.29    | -4,676.45 | 27,314.84    |
|    | % of Total Plot Area                   | 35.04%       | -5.12%    | 29.92%       |
| 6  | Surface Parking                        | 1,900        |           |              |
|    | % of Total Plot Area                   | 2.08%        |           |              |
| 7  | Water Body/pool                        | 9,107        |           |              |
| 8  | Permissible FAR                        | 1,71,202.50  | 20,563.48 | 1,91,746.80  |
| 9  | Total Proposed FAR                     | 1,71,107.76  | 20,628.42 | 1,91,736.18  |
| 10 | Total Non-FAR Area                     | 20,270.83    | 7,904.78  | 28,175.61    |
| 11 | Total Proposed Service Area            | 25,427.03    | 3,310.86  | 28,737.89    |
| 12 | Total Basement Area                    | 74,896.60    | 3,310.86  | 78,500.95    |
| 13 | Other amenities                        | 4,650.13     | -4650.13  | -            |
| 14 | Total Built-Up Area<br>(9+10+11+12+13) | 2,96,352.347 | 30,798.29 | 3,27,150.644 |

**5. Water Requirement Details:**

| S. No. | Particular                    | Occupancy/Basis | Unit | Water Demand per capita | Fresh Water | Treated Water | Total Water Demand | Wastewater generation |
|--------|-------------------------------|-----------------|------|-------------------------|-------------|---------------|--------------------|-----------------------|
| 1      | Hotel                         | 152             |      | 180                     | 18.24       | 9.12          | 27.36              | 19.62                 |
| 2      | Staff                         | 13,797          |      | 45                      | 344.93      | 275.94        | 620.87             | 445.16                |
| 3      | Visitor                       | 7,924           |      | 15                      | 39.62       | 79.24         | 118.86             | 85.22                 |
| 4      | Food court                    | 2,834           |      | 35                      | 70.85       | 28.34         | 99.19              | 71.12                 |
| 5      | Cinema                        | 660             |      | 15                      | 3.30        | 6.60          | 9.90               | 7.10                  |
| 6      | Restaurant                    | 1,262           |      | 70                      | 69.41       | 18.93         | 88.34              | 63.34                 |
| 7      | Landscape                     | 27,314.84       | sqm  | 5 lts/sqm               |             | 134.83        | 134.83             |                       |
| 8      | HVAC cooling                  | 6,150           | TR   |                         | 235.42      |               | 235.42             |                       |
| 9      | Water body<br>(Make-up water) | 5031            | cum  | 10% evaporation loss    | 503.10      |               | 503.10             |                       |
| 10     | DG cooling                    | 10,500          | KVA  |                         | 39.46       |               | 39.46              |                       |
|        | Total                         |                 |      |                         | 1,324.32    | 553.00        | 1,877.32           | 691.56                |
|        |                               |                 |      |                         | 1,325       | 553           | 1,878              | 692                   |

**6. Waste Water Details:**

|  |           |
|--|-----------|
| TOTAL WATER REQUIREMENT                            | 1,878 KLD |
| • Fresh Water                                      | 1,325 KLD |
| • Treated Water (Flushing + Horticulture)          | 553 KLD   |
| Waste water generated (@80% fresh + 100% flushing) | 692 KLD   |
| STP Capacity                                       | 770 KLD   |

**7. Solid Waste Generation Details:**

| S. No                 | Particular | Population | Area (Acres) | Basis |                   | Waste generated (kg/day) |
|-----------------------|------------|------------|--------------|-------|-------------------|--------------------------|
| 1                     | Hotel      | 102 rooms  |              | 1.1   | Kg/day/room       | 112.2                    |
| 2                     | Staff      | 13797      |              | 0.25  | Kg/Capita/per day | 3,449.25                 |
| 3                     | Visitor    | 7924       |              | 0.15  | Kg/Capita/per day | 1,188.6                  |
| 4                     | Food court | 2834       |              | 0.5   | Kg/seat/day       | 1,417                    |
| 5                     | Cinema     | 660        |              | 0.1   | Kg/seat/day       | 66                       |
| 6                     | Restaurant | 1262       |              | 0.5   | Kg/seat/day       | 631                      |
| 7                     | Landscape  |            | 6.66         | 0.2   | Kg/ acres/day     | 1.33                     |
| Total waste generated |            |            |              |       |                   | 6,865.38<br>~6,866       |

**8. Total Parking Proposed: 3,717 ECS**

9. The project proposal falls under Category 'B'; Schedule 8(b) of EIA Notifications, 2006 (as amended thereof).

The consultant (EIA Coordinator) also submitted an affidavit dated 05/09/2023 mentioning as follows:

1. I, Ashish Rana S/o N. K. Rana is EIA Coordinator of Township and Area Development Projects; 8 (b) (Aplinka Solutions & Technologies Pvt. Ltd).
2. I have prepared the EIA/EMP report for the Proposal (EC) in Name of IT/ITES Project by M/s AL Softweb Pvt. Ltd. with my team.
3. I have personally visited the site of proposal and certify that the project is currently under construction as per the previous EC. Further, no construction has been done for the proposed expansion.
4. I am satisfied that all the necessary data/information submitted along with the EIA Report is true and correct.
5. I certify that this project proposal has been uploaded on Parivesh Portal for the 2<sup>nd</sup> time only after the submission of withdrawal request of the previous project on Parivesh Portal dated 28.06.2023.
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. I state that all the TOR points have been complied and properly addressed in the EIA report.
8. The EIA/EMP Proposal for the Project is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 06**

**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. 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.
2. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
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. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
5. 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.
6. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability

7. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
9. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water. The project proponent will submit revised water mass balance in the light of above to the directorate of Environment and the concerned regulatory authorities.
10. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
11. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
12. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.

**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, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murram, 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 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.

**7. “Ordinary Soil Excavation” Project at Gata No.- 600, 576 Mi, 607, 608, 609,610 &615 Mi, Village - Khaleelpur Khadeem, Tehsil – Kanth, District- Moradabad, Shri Atul Kumar, Area: 2.197 Ha., 8056/SIA/UP/MIN/439548/2023**

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 Ind Tech House Consult. 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 “Ordinary Soil Excavation” project at Gata No.- 600, 576 Mi, 607, 608, 609,610 & 615 Mi, Village- Khaleelpur Khadeem, Tehsil-Kanth District- Moradabad, Uttar Pradesh, (Leased Area: 2.197 Ha.).
2. Salient features of the project as submitted by the project proponent:

| 1              | On Line Proposal No.                                    | SIA/UP/MIN/439548/2023   |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
|----------------|---|--|-------------|--|--|-------|----------|-----------|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|-------------|--|--|-------|----------|-----------|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|----------------|--|--|-------|----------|-----------|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|-------------|--|--|-------|----------|-----------|---|---------------|---------------|---|--------------|---------------|
| 2              | File No. allotted by SEIAA,UP                           | 8056   |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| 3              | Name of Proponent                                       | Shri Atul Kumar S/O Shri Mukesh Singh  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| 4              | Full correspondence address of proponent and mobile no. | R/O- Vill- Islamnagar, Tehsil & District: Moradabad (U.P)  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| 5              | Name of Project   | Ordinary Soil Excavation” project at Gata No.- 600, 576 Mi, 607, 608, 609,610 & 615 Mi in the Village- Khaleelpur Khadeem, Tehsil- Kanth District- Moradabad, Uttar Pradesh Area: 2.197 Ha   |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| 6              | Project Location (Plot .Khsra/Gata/Araji No.)           | Gata No.- 600, 576 Mi, 607, 608, 609,610 & 615 Mi  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| 7              | Name of Village   | Khaleelpur Khadeem   |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| 8              | Tehsil  | Kanth  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| 9              | District  | Moradabad  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| 10             | Name of Minor Mineral                                   | Ordinary Soil  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| 11             | Sanctioned Lease Area (in Ha.)                          | Area- 2.197 Ha.  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| 12             | Max. & Min mRL within lease area                        | 202 mRL & 200 mRL  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| 13             | Pillar Coordinates (Verified by DMO)                    | <table border="1"> <thead> <tr> <th colspan="3">GATA NO 600</th></tr> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr><td>A</td><td>29° 1'7.09"N</td><td>78°38'51.75"E</td></tr> <tr><td>B</td><td>29° 1'6.18"N</td><td>78°38'52.60"E</td></tr> <tr><td>C</td><td>29° 1'5.84"N</td><td>78°38'52.55"E</td></tr> <tr><td>D</td><td>29° 1'5.84"N</td><td>78°38'52.96"E</td></tr> <tr><td>E</td><td>29° 1'5.11"N</td><td>78°38'53.35"E</td></tr> <tr><td>F</td><td>29° 1'3.24"N</td><td>78°38'50.84"E</td></tr> <tr><td>G</td><td>29° 1'4.83"N</td><td>78°38'48.78"E</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">GATA NO 607</th></tr> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr><td>A</td><td>29° 1'8.08"N</td><td>78°38'51.47"E</td></tr> <tr><td>B</td><td>29° 1'7.62"N</td><td>78°38'52.09"E</td></tr> <tr><td>C</td><td>29° 1'5.59"N</td><td>78°38'49.68"E</td></tr> <tr><td>D</td><td>29° 1'6.26"N</td><td>78°38'48.94"E</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">GATA NO 576 Mi</th></tr> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr><td>A</td><td>29° 1'6.50"N</td><td>78°38'54.37"E</td></tr> <tr><td>B</td><td>29° 1'4.75"N</td><td>78°38'55.31"E</td></tr> <tr><td>C</td><td>29° 1'4.47"N</td><td>78°38'54.97"E</td></tr> <tr><td>D</td><td>29° 1'3.90"N</td><td>78°38'55.17"E</td></tr> <tr><td>E</td><td>29° 1'3.77"N</td><td>78°38'55.04"E</td></tr> <tr><td>F</td><td>29° 1'5.83"N</td><td>78°38'53.06"E</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">GATA NO 610</th></tr> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr><td>A</td><td>29° 1'10.07"N</td><td>78°38'52.81"E</td></tr> <tr><td>B</td><td>29° 1'8.18"N</td><td>78°38'53.69"E</td></tr> </tbody> </table> | GATA NO 600 |  |  | Point | Latitude | Longitude | A | 29° 1'7.09"N | 78°38'51.75"E | B | 29° 1'6.18"N | 78°38'52.60"E | C | 29° 1'5.84"N | 78°38'52.55"E | D | 29° 1'5.84"N | 78°38'52.96"E | E | 29° 1'5.11"N | 78°38'53.35"E | F | 29° 1'3.24"N | 78°38'50.84"E | G | 29° 1'4.83"N | 78°38'48.78"E | GATA NO 607 |  |  | Point | Latitude | Longitude | A | 29° 1'8.08"N | 78°38'51.47"E | B | 29° 1'7.62"N | 78°38'52.09"E | C | 29° 1'5.59"N | 78°38'49.68"E | D | 29° 1'6.26"N | 78°38'48.94"E | GATA NO 576 Mi |  |  | Point | Latitude | Longitude | A | 29° 1'6.50"N | 78°38'54.37"E | B | 29° 1'4.75"N | 78°38'55.31"E | C | 29° 1'4.47"N | 78°38'54.97"E | D | 29° 1'3.90"N | 78°38'55.17"E | E | 29° 1'3.77"N | 78°38'55.04"E | F | 29° 1'5.83"N | 78°38'53.06"E | GATA NO 610 |  |  | Point | Latitude | Longitude | A | 29° 1'10.07"N | 78°38'52.81"E | B | 29° 1'8.18"N | 78°38'53.69"E |
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| Point          | Latitude  | Longitude  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| A              | 29° 1'7.09"N  | 78°38'51.75"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| B              | 29° 1'6.18"N  | 78°38'52.60"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
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| E              | 29° 1'5.11"N  | 78°38'53.35"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
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| GATA NO 607    |   |  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| Point          | Latitude  | Longitude  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| A              | 29° 1'8.08"N  | 78°38'51.47"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| B              | 29° 1'7.62"N  | 78°38'52.09"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| C              | 29° 1'5.59"N  | 78°38'49.68"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| D              | 29° 1'6.26"N  | 78°38'48.94"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| GATA NO 576 Mi |   |  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| Point          | Latitude  | Longitude  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| A              | 29° 1'6.50"N  | 78°38'54.37"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| B              | 29° 1'4.75"N  | 78°38'55.31"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| C              | 29° 1'4.47"N  | 78°38'54.97"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| D              | 29° 1'3.90"N  | 78°38'55.17"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| E              | 29° 1'3.77"N  | 78°38'55.04"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| F              | 29° 1'5.83"N  | 78°38'53.06"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| GATA NO 610    |   |  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| Point          | Latitude  | Longitude  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| A              | 29° 1'10.07"N   | 78°38'52.81"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |
| B              | 29° 1'8.18"N  | 78°38'53.69"E  |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |                |  |  |       |          |           |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |   |              |               |             |  |  |       |          |           |   |               |               |   |              |               |

|    |   |   |                            |               |
|----|---|---|----------------------------|---------------|
|    |   | C   | 29° 1'7.45"N               | 78°38'52.35"E |
|    |   | D   | 29° 1'8.56"N               | 78°38'50.78"E |
|    |   | GATA NO 615 Mi  |                            |               |
|    |   | Point   | Latitude                   | Longitude     |
|    |   | A   | 29° 1'6.46"N               | 78°38'48.55"E |
|    |   | B   | 29° 1'5.59"N               | 78°38'49.51"E |
|    |   | C   | 29° 1'4.98"N               | 78°38'48.58"E |
|    |   | D   | 29° 1'5.77"N               | 78°38'48.00"E |
|    |   | GATA NO 608   |                            |               |
|    |   | Point   | Latitude                   | Longitude     |
|    |   | A   | 29° 1'9.28"N               | 78°38'49.94"E |
|    |   | B   | 29° 1'8.17"N               | 78°38'51.43"E |
|    |   | C   | 29° 1'6.74"N               | 78°38'49.36"E |
|    |   | D   | 29° 1'7.89"N               | 78°38'48.14"E |
|    |   | GATA NO 609   |                            |               |
|    |   | Point   | Latitude                   | Longitude     |
|    |   | A   | 29° 1'10.84"N              | 78°38'52.36"E |
|    |   | B   | 29° 1'10.11"N              | 78°38'52.79"E |
|    |   | C   | 29° 1'8.59"N               | 78°38'50.73"E |
|    |   | D   | 29° 1'9.16"N               | 78°38'50.14"E |
| 14 | Total Geological Reserves   | 46137 m <sup>3</sup>  |                            |               |
| 15 | Total Mineable Reserves   | 37568.7 m <sup>3</sup>  |                            |               |
| 16 | Total Proposed Production   | 37568.7 m <sup>3</sup> /3 months  |                            |               |
| 17 | Sanctioned Period of Mine lease                                       | 3 months  |                            |               |
| 19 | Method of Mining  | Open cast Manual/ Semi Mechanized Mining  |                            |               |
| 20 | No. of working days   | 90 Days   |                            |               |
| 21 | Working hours/day   | 8 Hours   |                            |               |
| 22 | No. of worker   | 13 Workers  |                            |               |
| 23 | No. of vehicles movement/day  | 46 Trucks / Day (Depending on market demand)  |                            |               |
| 24 | Type of Land  | Private land (Uneven Agricultural Land)   |                            |               |
| 25 | Ultimate of Depth of Mining   | 2.1 m   |                            |               |
| 26 | Nearest metalled road from site                                       | 1.00 Km   |                            |               |
| 27 | Water Requirement   | PURPOSE   | REQUIREMENT (KLD)          |               |
|    |   | Drinking  | 0.13 KLD                   |               |
|    |   | Suppression of dust   | 0.3 KLD                    |               |
|    |   | Plantation  | 0.05 KLD                   |               |
|    |   | Others (if any)   |                            |               |
|    |   | Total   | 0.48 KLD (Approx. 1.0 KLD) |               |
| 28 | Name of QCI Accredited Consultant with QCI No and period of validity. | Ind Tech House Consult Certificate No- QCI/NABET/ENV/ACO/23/2808 , Period of Validity- 31.10.2023 |                            |               |
| 29 | Any litigation pending against the project or land in any court       | No  |                            |               |
| 30 | Details of 500 m Cluster Map & Certificate verified by Mining Officer | Letter No- 301/Khanij2023 dated 19.6.2023   |                            |               |
| 31 | Proposed CER cost   | Rs. Twenty Five Thousand  |                            |               |
| 32 | Proposed EMP cost   | Rs.1.18 Lakhs   |                            |               |
| 33 | Proposed Total Project cost   | Rs. 11.21 Lakhs   |                            |               |
| 34 | Length and breadth of Haul Road                                       | 50 m Length & 6m width haulage road   |                            |               |
| 35 | No. of Trees to be Planted  | 25 Trees  |                            |               |

- 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.

7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 05/09/2023 mentioning is as follows:

1. I, Umesh Pratap Singh Chauhan, S/o Late Surya Pal Singh Chauhan am EIA Coordinator of Ind Tech House Consult.
2. I have prepared EMP report for the Proposal (SIA/UP/MIN/439548/2023) Project Name- Atul Kumar “Ordinary Soil Excavation” at Gata No.– 600, 576 Mi, 607, 608, 609,610 & 615 Mi in the Village- Khaleelpur Khadeem, Tehsil –Kanth District- Moradabad Uttar Pradesh. Area: 2.197 Ha. with my team.
3. 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.
4. I am satisfied with that all the necessary data/information required submitted along with Application/EMP are true and correct.
5. I certify that this project has been uploaded for this 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 hard copy/presentation submitted which will be submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.
8. TOR is not applicable to the Project.

**RESOLUTION AGAINST AGENDA NO. 07**

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-2 to these minutes.

8. **Group Housing Project “RUDRA GARDENIA (PHASE-1)” at Arazi No. 353 & 356, Village: Singhpur Kachhar, Tehsil: Kanpur Sadar, District: Kanpur Nagar, Shri Prem Agarwal, 8060/SIA/UP/INFRA2/439475/2023**

**RESOLUTION AGAINST AGENDA NO. 08**

During the presentation the committee noted that the project proponent/consultant submitted online application on Parivesh Portal for the environmental clearance of “Group Housing Project “RUDRA GARDENIA (PHASE-1)” at Arazi No. 353 & 356, Village: Singhpur Kachhar, Tehsil: Kanpur Sadar, District: Kanpur Nagar, U.P.” but the maps approved by development authority and fire NOC the name of the project is mentioned as “Group Housing Project “RUDRA GARDENIA” at Arazi No. 353 & 356, Village: Singhpur Kachhar, Tehsil: Kanpur Sadar, District: Kanpur Nagar, U.P.” The committee discussed the matter and directed the project proponent to submit clarification along with supporting documents regarding mismatch the name of the project between online application and documents approved by development authorities. The proponent should also submit approved maps and vetted structural stability certificate.

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

**9. “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 3017 (Khand No.- 02 Old, 05 New), Village- Kulpahad, Tehsil- Kulpahad, District- Mahoba, Shri Achintya Kumar Tripathi Area : 2.024 ha., 8066/ 7430/SIA/UP/MIN/439589/2023**

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), Lucknow, 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 environmental clearance is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 3017 (Khand No.- 02 Old, 05 New), Village- Kulpahad, Tehsil- Kulpahad, District- Mahoba, U.P. (Leased Area- 2.024 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 385/Parya/SEIAA/7430/2022, dated: 24/03/2023
3. The Public Hearing was organized on 21/06/2023. Final EIA Report was submitted by the Project Proponent on 09/08/2023.
4. Salient features of the project as submitted by the project proponent:

|     |   |  |                   |                 |
|-----|---|--|-------------------|-----------------|
| 1.  | On-line proposal No.                      | SIA/UP/MIN/439589/2023   |                   |                 |
| 2.  | File No. allotted by SEIAA, UP            | 8066/7430  |                   |                 |
| 3.  | Name of Proponent                         | Shri Achintya Kumar Tripathi S/o Shri Rudra Pratap Tripathi              |                   |                 |
| 4.  | Full correspondence address of proponent  | R/o- 316, Vikash Bhawan Road, Subhash Nagar, District- Mahoba, U.P.      |                   |                 |
| 5.  | Name of Project                           | Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project |                   |                 |
| 6.  | Project location (Plot/ Khasra /Gata No.) | Gata No.- 3017 (Khand No.- 02 Old, 05 New)                               |                   |                 |
| 7.  | Name of Village                           | Kulpahad   |                   |                 |
| 8.  | Tehsil                                    | Kulpahad   |                   |                 |
| 9.  | District                                  | Mahoba   |                   |                 |
| 10. | Name of Minor Mineral                     | Building Stone (Granite Khanda, Boulder, Bailast (Gitti))                |                   |                 |
| 11. | Sanctioned Lease Area (in Ha.)            | 2.024 ha.  |                   |                 |
| 12. | Max.& Min mRL within lease area           | 244 mRL- 192 mRL   |                   |                 |
| 13. | Pillar Coordinates (Verified by DMO)      | Pillars  | Latitude (N)      | Longitude (E)   |
|     |   | A  | 25° 19' 41.30"N   | 79° 39' 45.58"E |
|     |   | B  | 25° 19' 42.61"N   | 79° 39' 48.79"E |
|     |   | C  | 25° 19' 38.09"N   | 79° 39' 50.18"E |
|     |   | D  | 25° 19' 36.46"N   | 79° 39' 45.43"E |
|     |   | E  | 25° 19' 37.78"N   | 79° 39' 43.99"E |
| 14. | Total Geological Reserves                 | 1798934 m <sup>3</sup>   |                   |                 |
| 15. | Total Mineable Reserves                   | 523660 m <sup>3</sup>  |                   |                 |
| 16. | Total Proposed Production (in five year)  | 242880 m <sup>3</sup>  |                   |                 |
| 17. | Proposed Production / year                | 48576 m <sup>3</sup>   |                   |                 |
| 18. | Sanctioned Period of Mine lease           | 10 Years   |                   |                 |
| 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                             | 37 (approx.)   |                   |                 |
| 23. | Type of Land                              | Govt. revenue land   |                   |                 |
| 24. | Ultimate Depth of Mining                  | 6 meter (average)  |                   |                 |
| 25. | Nearest metalled road from site           | 1.00 km  |                   |                 |
| 26. | Water Requirement                         | PURPOSE  | REQUIREMENT (KLD) |                 |
|     |   | Drinking & Others  | 0.40              |                 |
|     |   | Suppression of dust  | 6.00              |                 |
|     |   | Plantation   | 3.00              |                 |
|     |   | Others( if any)  | -----             |                 |

|     |   |  |      |
|-----|---|--|------|
|     |   | Total  | 9.40 |
| 27. | Name of QCI Accredited Consultant with QCI No and period of validity. | M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P.<br>QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024 |      |
| 28. | Any litigation pending against the project or land in any court       | No   |      |
| 29. | Details of 500 m Cluster certificate Verified by Mining Officer       | DMO, Mahoba vide Letter No. 1792/MMC-30/2022-23, Dated 11 <sup>th</sup> October, 2022                                  |      |
| 30. | Details of Lease Area in approved DSR                                 | Sudhi Patra No.-154/MMC-30-Khanij (2021-22), Dated 12-05-2021 at Page No.-3, S.No.- 102                                |      |
| 31. | Proposed CER cost   | 1.50 Lakh  |      |
| 32. | Proposed EMP cost   | EMP in First Year – 17.80 Lakh<br>EMP (Recurring Years) – 8.75 Lakh  |      |
| 33. | Length and breadth of Haul Road.                                      | Length- 1.00 km, Width- more than 6.0 m  |      |
| 34. | No. of Trees to be Planted  | 3000   |      |

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 08/08/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA report for EC in the name of Shri Achintya Kumar Tripathi S/o Shri Rudra Pratap Tripathi for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 3017 (Khand No.- 02 Old, 05 New), Village- Kulpahad, Tehsil- Kulpahad, District- Mahoba, U.P. (Applied Area : 2.024 ha.) with my team.
3. 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.
4. I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. 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.
7. 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.
8. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

### **RESOLUTION AGAINST AGENDA NO. 09**

**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. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.

2. The project proponent shall install solar light in their site office.
  3. 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.
  4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
  5. 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
  6. 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.
  7. 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.
  8. 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.
  9. 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.
  10. 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.
  11. 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.
  12. The project proponent should explore the possibilities of rainwater harvesting.
  13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
  14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
  15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, UP.
- 10. “EWS/LIG Group Housing Under Khorabar Awasiya Yojna” at Arazi no. 920 ,921, 923, 924Mi, 925, 926, 927, 928, 931Mi ,933,934, 935,936,,937,932,938Mi at Khorabar, Deoria Road, District- Gorakhpur, U.P., M/s Gorakhpur Development Authority, Shri Kishan Singh., 8068/SIA/UP/INFRA2/439650/2023**

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 Sawen Consultancy Services 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 environmental clearance is sought for “EWS/LIG Group Housing Under Khorabar Awasiya Yojna” at Arazi no. 920, 921, 923, 924Mi, 925, 926, 927, 928, 931Mi, 933, 934, 935, 936, 937, 932, 938Mi at Khorabar, Deoria Road, District- Gorakhpur, U.P., M/s Gorakhpur Development Authority.



**2. Salient features of the project:**

| PARTICULARS                  | DETAILS   |
|------------------------------|---|
| Plot area                    | 18280.28m <sup>2</sup>  |
| Built Up Area                | 45198.76 m <sup>2</sup>   |
| Green Area                   | 847.71 m <sup>2</sup>   |
| Total Expected Population    | 10350   |
| Height of Building           | EWS-12.60m (G+3)<br>LIG 43.35 (G+14)  |
| Dwelling Units               | 1040 (EWS-560 FLATS + LIG -480FLATS)  |
| Source of water supply       | Tankers (Local Vendors)- (During Construction Phase)<br>Bore well(During Operation Phase) |
| Electricity Supply           | 33KV  |
| Total Consumption n of Water | 530 KLD   |
| Total MSW generated          | 4167.5 Kg/Day   |
| STP Capacity                 | 500 KLD   |
| Total Project Cost           | 195.93 Crore  |
| EMP Cost                     | Capital Cost-5.85 Crores<br>Recurring Cost-1.07 Crores                                    |
| CER Cost                     | Rs. 2.93 Cost   |

**3. Land use details:**

| S.NO. | LAND USE                          | AREA (SQM.) | Percentage |
|-------|-----------------------------------|-------------|------------|
| 1     | Total Plot Area                   | 18280.28    | 100        |
| 2     | Ground Coverage                   | 6497.80     | 35.54      |
| 3     | Parking Area                      | 3043.92     | 16.65      |
| 4     | Green Area                        | 847.71      | 04.63      |
| 5     | Internal Road Area /Set Back Area | 7890.85     | 43.16      |

**4. Landscape plan:**

| S.NO. | DESCRIPTION   | UNITS        |
|-------|---|--------------|
| 1     | Total plot area   | 18280.28 sqm |
| 2     | Total green area  | 847.71sqm    |
| 3     | Softscaping area (tree plantation)                        | 593.397sqm   |
| 4     | Hardscaping area (gardening)                              | 254.313 sqm  |
| 5     | Required number of trees (1 Tree per 80 sqm of plot area) | 228nos.      |
| 6     | Proposed number of trees                                  | 250 nos.     |

**5. Population details:**

| S.NO. | DESCRIPTION   | POPULATION |
|-------|---|------------|
|       | EWS /LIG GROUP HOUSING UNDER KHORABAR AWASIYA YOJNA |            |
| 1     | Group Housing LIG (480 Dwelling Units)              | 2400       |
| 2     | Group Housing EWS (560Dwelling Units)               | 2800       |
| 3     | Guards/Supervisor/ Maintenance Staff                | 150        |
| 4     | Visitors  | 5000       |
|       | TOTAL   | 10350      |

**6. Water requirement details:**

| S.no.                            | Water Use                            | Population | Per Capita in (LPCD) | Water Requirement (KLD) | Waste Water Generation (KLD) |
|----------------------------------|--------------------------------------|------------|----------------------|-------------------------|------------------------------|
| 1.                               | Residents (LIG+EWS)                  | 5200       | 86                   | 447.2                   | 357.6                        |
| 2.                               | Guards/supervisor/ Maintenance Staff | 150        | 45                   | 6.75                    | 5.4                          |
| 3.                               | Visitors                             | 5000       | 15                   | 75                      | 60                           |
|                                  |                                      |            |                      | 528.95                  | 423                          |
| TOTAL DOMESTIC WATER REQUIREMENT |                                      |            |                      |                         |                              |
| 4.                               | Gardening/Landscape Area             | 847.71     | 1 l/m <sup>2</sup>   | 0.84                    | -- --                        |
| TOTAL WATER REQUIREMENT          |                                      |            |                      | 529.79                  | 423                          |

**7. Municipal solid waste details:**

| Type of Waste | Colour of Bins | Category           | Disposal Method            | Total Waste (Kg/ day) |
|---------------|----------------|--------------------|----------------------------|-----------------------|
| Organics      | Green          | Bio Degradable     | Municipal Solid Waste Site | 1690                  |
| Papers        | Blue           | Recyclable         | Approved Recycler          | 608.4                 |
| Metals        |                |                    |                            |                       |
| Glass         |                |                    |                            |                       |
| Textiles      |                |                    |                            |                       |
| Plastic       |                |                    |                            |                       |
| Ash & Dust    | Grey           | Non-Bio degradable | Municipal Solid waste Site | 1081.6                |
| Total         |                |                    |                            | 3380.0 Kg/Day         |

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

The consultant (EIA Coordinator) also submitted an affidavit dated 04/09/2023 mentioning is as follows:

1. I, Satendra Singh, S/o Late Shri Rampal Singh is EIA Coordinator of M/s M/s Sawen Consultancy Services Pvt. Ltd.
2. I have prepared the EIA/EMP report for the proposal “EWS/LIG Group Housing Under Khorabar Awasiya Yojna” at Arazi no. 920, 921, 923, 924Mi, 925, 926, 927, 928, 931Mi, 933, 934, 935, 936, 937, 932, 938Mi at Khorabar, Deoria Road, District- Gorakhpur, U.P., M/s Gorakhpur Development Authority with my team.
3. I have personally visited the site and certify that no construction activity has been undertaken on the proposed side for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application are true and correct.
5. I certify that this project has been uploaded for 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 hard copy/presentation submitted which will be submitted after acceptance of application.
7. The EC report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

#### **RESOLUTION AGAINST AGENDA NO. 10**

**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. 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.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
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. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
5. 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.

6. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
7. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
9. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water. The project proponent will submit revised water mass balance in the light of above to the directorate of Environment and the concerned regulatory authorities.
10. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
11. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
12. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.

**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, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  5. Sand, murram, 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 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.

**11. Khanda- Boulder/ Gitti-Ballast Mining Project at Gata-22, Khand No-09, Village- Dunara, Tehsil- Sadar, District- Jhansi, Shri Shikha Sharma, Area: 1.052 Ha., 8070/5976/SIA/UP/MIN/439808/2023**

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 Ind Tech House Consult. 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 Khanda- Boulder/ Gitti-Ballast Mining Project at Gata-22, Khand No-09, Village- Dunara, Tehsil- Sadar, District- Jhansi, U.P., (Leased Area: 1.052 Ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 712/Parya/SEIAA/5976/2019 Dated 15/01/2021.
3. The Public Hearing was organized on 13/01/2023. Final EIA Report was submitted by the Project Proponent on 09/08/2023.
4. Salient features of the project as submitted by the project proponent:

|    |   |  |                   |               |
|----|---|--|-------------------|---------------|
| 1  | On Line Proposal No.                                    | SIA/UP/MIN/439808/2023   |                   |               |
| 2  | File No. allotted by SEIAA, UP                          | 8070/5976  |                   |               |
| 3  | Name of Proponent                                       | M/s Jageshwar Contractor Pro: Smt Shikha Sharma  |                   |               |
| 4  | Full correspondence address of proponent and mobile no. | R/O Near BDA Colony, Indrapuram, Patel Vihar Colony, Bareilly, U.P.  |                   |               |
| 5  | Name of Project   | Area: 1.052 Ha Khanda- Boulder/ Gitti-Ballast Mining Project named M/s Jageshwar Contractor at Gata-22, Khand No'-09, Village- Dunara, Tehsil- Sadar, District- Jhansi, U.P. |                   |               |
| 6  | Project Location(Plot.Khsra/Gata/Araji No.)             | Gata-22, Khand No'-09,   |                   |               |
| 7  | Name of Village   | Dunara   |                   |               |
| 8  | Tehsil  | Sadar  |                   |               |
| 9  | District  | Jhansi (U.P.)  |                   |               |
| 10 | Name of Minor Mineral                                   | Khanda- Boulder/ Gitti-Ballast   |                   |               |
| 11 | Sanctioned Lease Area (in Ha.)                          | 1.052 Ha   |                   |               |
| 12 | Max. & Min mRL within lease area                        | 224.0 mRL to 203.0 mRL respectively  |                   |               |
| 13 | Pillar Coordinates (Verified by DMO)                    | Point  | Latitude          | Longitude     |
|    |   | A  | 25°27'34.22"N     | 78°41'37.97"E |
|    |   | B  | 25°27'33.34"N     | 78°41'40.35"E |
|    |   | C  | 25°27'30.34"N     | 78°41'41.27"E |
|    |   | D  | 25°27'30.47"N     | 78°41'37.40"E |
| 14 | Total Geological Reserves                               | 469394 m <sup>3</sup>  |                   |               |
| 15 | Total Mineable Reserve in LOI                           | 21040 m <sup>3</sup> / Annum   |                   |               |
| 16 | Total Proposed Production                               | 21040 m <sup>3</sup> / Annum   |                   |               |
| 17 | Sanctioned Period of Mine lease                         | 20 Years   |                   |               |
| 19 | Method of Mining  | Open cast Manual/ Semi Mechanized Mining   |                   |               |
| 20 | No. of working days                                     | 300 Days   |                   |               |
| 21 | Working hours/day                                       | 8 Hours  |                   |               |
| 22 | No. of worker   | 24 Workers   |                   |               |
| 23 | No. of vehicles movement/day                            | 8 Trucks/Day (Depending on market demand)  |                   |               |
| 24 | Type of Land  | Govt. Land   |                   |               |
| 25 | Ultimate of Depth of Mining                             | 12.0 m   |                   |               |
| 26 | Nearest metalled road from site                         | 1.0 Km   |                   |               |
| 27 | Water Requirement                                       | PURPOSE  | REQUIREMENT (KLD) |               |

|    |   |  |                  |
|----|---|--|------------------|
|    |   | Drinking   | 0.24 KLD         |
|    |   | Suppression of dust  | 6.96 KLD         |
|    |   | Plantation   | 0.104 KLD        |
|    |   | Others (if any)  |                  |
|    |   | Total  | <b>7.304 KLD</b> |
| 28 | Name of QCI Accredited Consultant with QCI No and period of validity. | Ind Tech House Consult<br>QCI /NABET/ENV/ACO/23/2808<br>Period of Validity- 31-10-2023   |                  |
| 29 | Any litigation pending against the project or land in any court       | No   |                  |
| 30 | Details of 500 m Cluster Map & Certificate verified by Mining Officer | Letter No. 1017/30MMC/20-2021, Dated 11/9/2020   |                  |
| 31 | Details of Lease Area in approved DSR                                 | Suddhi Patra: Letter vide No-495/30-MMC/D.S.R 2020-21 Page no: 02 ,Sr. No: 10<br>Amendment Letter : Letter vide No-860/ M-228/2017 (Khanan Nitti) -D.S.R Page no: 01 ,Sr. No: 03 |                  |
| 32 | Proposed CER cost   | 2% of total project cost i.e. Rs. 2.08 Lakhs   |                  |
| 33 | Proposed EMP cost   | 14.24 Lakhs  |                  |
| 34 | Proposed Project cost   | 1.04 Crore   |                  |
| 35 | Length and breadth of Haul Road                                       | 580 m Length & 6m width haulage road   |                  |
| 36 | No. of Trees to be Planted  | 104 Trees/Year   |                  |
| 37 | Baseline Monitoring Period  | Dec 2020 to Feb 2021 (Winter Season)   |                  |

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 05/09/2023 mentioning is as follows:

1. I, Umesh Pratap Singh Chauhan, S/o Late Surya Pal Singh Chauhan am EIA Coordinator of Ind Tech House Consult.
2. I have prepared the EIA report for the Proposal (SIA/UP/MIN/439808/2023), Project Name: Khanda- Boulder/ Gitti-Ballast Mining Project at Gata-22, Khand No-09, Village- Dunara, Tehsil- Sadar, District- Jhansi, U.P., (Leased Area: 1.052 Ha.) with my team.
3. 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.
4. I am satisfied with that all the necessary data/information required submitted along with Application/EIA are true and correct.
5. I certify that this project has been uploaded for this 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 hard copy/presentation submitted which will be submitted after acceptance of application.
7. The EIA report for the Proposal is prepared by my team as per guidelines 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. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. 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.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. 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
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. The project proponent should explore the possibilities of rainwater harvesting.
13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, UP.

**12. Ordinary Soil Excavation Project At Gata No.- 840 Mi, Village - Husainpur Naukhandia Tehsil- Sadar District- Farrukhabad Shri Satyam Kumar, Area: 2.8737 Ha., 8072/SIA/UP/MIN/439878/2023**

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 Environmental Research and Analysis, Lucknow (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 environmental clearance is sought for “Ordinary Soil Excavation” project at Gata No.- 600, 576 Mi, 607, 608, 609,610 & 615 Mi in the Village- Khaleelpur Khadeem, Tehsil-Kanth District- Moradabad, Uttar Pradesh, (Leased Area: 2.197 Ha.).
2. Salient features of the project as submitted by the project proponent:

|   |   |       |                   |              |
|---|---|-------|-------------------|--------------|
| 1. On-line proposal No.   | SIA/UP/MIN/439878/2023  |       |                   |              |
| 2. File No. allotted by SEIAA, U.P  | 8072  |       |                   |              |
| 3. Name of Proponent  | Shri Satyam Kumar S/o – Shri Uma Shankar Mishra   |       |                   |              |
| 4. Full correspondence address of proponent                               | R/o – Kutra, Kutra, Fatehgarh, District- Farrukhabad (U.P.)   |       |                   |              |
| 5. Name of Project  | Ordinary Soil Excavation Project  |       |                   |              |
| 6. Project location (Plot/Khasra/Gata No. Khand No.)                      | Gata No. 840Mi  |       |                   |              |
| 7. Name of River  | NA  |       |                   |              |
| 8. Name of Village  | Husainpur Naukhanda   |       |                   |              |
| 9. Tehsil   | Farrukhabad   |       |                   |              |
| 10. District  | Farrukhabad Uttar Pradesh   |       |                   |              |
| 11. Name of Minor Mineral   | Ordinary Soil Excavation Project  |       |                   |              |
| 12. Sanctioned Lease Area (in Ha.)  | 3.1930 Ha as per agreement papers   |       |                   |              |
| 13. Mineable Area (in Ha.)  | 2.8737 Ha (safety margin 0.3193Ha.)   |       |                   |              |
| 14. Zero level mRL  | NA  |       |                   |              |
| 15. Max. & Min mrl within lease area                                      | Max. 165 mRL & Min 163 mRL within lease area.   |       |                   |              |
| 16. Pillar Coordinates (Verified by DMO)                                  | Gata No.  | Point | Latitude          | Longitude    |
|   | 840 Mi  | A     | 27°19'40.21"N     | 79°38'0.99"E |
|   |   | B     | 27°19'39.65"N     | 79°38'0.96"E |
|   |   | C     | 27°19'39.72"N     | 79°38'0.41"E |
|   |   | D     | 27°19'40.28"N     | 79°38'0.34"E |
| 17. Total Geological Reserves   | 159650 m <sup>3</sup>   |       |                   |              |
| 18. Mineable Quantity   | 66095 m <sup>3</sup> in three months  |       |                   |              |
| 19. Total Proposed Production   | 22031.66 m <sup>3</sup> in one months   |       |                   |              |
| 20. Proposed Period of Mine lease   | 3 months as per Approved mining plan  |       |                   |              |
| 21. Production of mine/day  | NA  |       |                   |              |
| 22. Method of Mining  | Open cast, Semi Mechanized  |       |                   |              |
| 23. No. of working days   | 90 days   |       |                   |              |
| 24. Working hours/day   | 8 hours/day   |       |                   |              |
| 25. No. Of workers  | Approximately 15 workers  |       |                   |              |
| 26. No. Of vehicles movement/day  | Approximately 15-17 movements per day   |       |                   |              |
| 27. Type of Land  | Private land  |       |                   |              |
| 28. Ultimate Depth of Mining  | Total depth is 2.5 meter (as per agreement) ,mineable depth 2.3 m as per mining plan approval letter (after reducing top soil and berm)   |       |                   |              |
| 29. Nearest metalled road from site                                       | 29A SH is about 1.7 km towards East direction from the excavation site.   |       |                   |              |
| 30. Water Requirement   | PURPOSE   |       | REQUIREMENT (KLD) |              |
|   | Drinking  |       | 0.25              |              |
|   | Suppression of dust   |       | 1.35              |              |
|   | Plantation  |       | 0.02              |              |
|   | Others (if any)   |       | -                 |              |
|   | Total   |       | 1.62 KLD Approx.  |              |
| 31. Name of QCI Accredited Consultant with QCI No And period of validity. | M/s Environmental Research and Analysis, Lucknow (U.P.) Certificate No. QCI/NABET/EIA/1922/RA/0200 (REV-01) and valid up to Jan 21, 2024. |       |                   |              |
| 32. Any litigation pending against the project or land in any court       | No  |       |                   |              |
| 33. Details of 500 m Cluster Map & certificate issued by Mining Officer   | Letter No. 75/ Khan Niriikshak (Cluster Praman Patra) on dated 02/05/2023   |       |                   |              |
| 34. Details of Lease Area in approved DSR                                 | NA  |       |                   |              |

|                                     |                            |
|-------------------------------------|----------------------------|
| 35. Proposed EMP cost               | Rs 435230 /-               |
| 36. Total Project cost              | Rs. 18,00,000/-            |
| 37. Length and breadth of Haul Road | 150 m length and 6 m width |
| 38. No. of Trees to be Planted      | 20                         |

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 04/09/2023 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No-QCI/NABET/EIA/1922/RA/0200 (Rev-01) and valid up to Jan 21, 2024.
2. I have prepared EC (B2) report for the Proposal No. SIA/UP/MIN/439878/2023, File no 8072 Prop. – Shri Satyam Kumar S/o Shri Uma Shankar Mishra R/o – Kutra, Kutra, Fatehgarh, District- Farrukhabad (Uttar Pradesh) Gata No.– 840 Mi, Total Area – 3.1930 Ha. located Village – Husainpur Naukhandia Tehsil & District - Farukhabad, Uttar Pradesh with my team.
3. 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.
4. I have satisfied with that all the necessary data/information required for EC (B2) presentations are true and correct.
5. I certify that this project proposal has been uploaded second time due to the wrong (lease area mentioned in parivesh portal during online application with Proposal No. SIA/UP/MIN/429521/2023, File no 7983) 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 EC (B2) report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 12**

**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-2 to these minutes.**

#### **13. Ordinary Earth Mine at Khasra/Gata No. - 928, in Village- Ahmadabad Mathar, Tehsil- Safipur, District- Unnao, Shri Vivek Mishra, Area of 1.452 ha., 8078/SIA/UP/MIN/439949/2023**

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 AWS Envirotech (OPC) 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 environmental clearance is sought for “Ordinary Earth Mining” at Araj/Gata no.- 928, Village- Ahmadabad Mathar, Tehsil- Safipur, District- Unnao, Uttar Pradesh, (Leased Area- 1.452 ha.).
2. Salient features of the project as submitted by the project proponent:

|     |   |   |                   |               |
|-----|---|---|-------------------|---------------|
| 1.  | On-line proposal No.  | SIA/UP/MIN/439949/2023  |                   |               |
| 2.  | File No. allotted by SEIAA, UP  | 8078  |                   |               |
| 3.  | Name of Proponent   | Shri Vivek Mishra   |                   |               |
| 4.  | Full correspondence address of proponent and mobile no.               | Shri Vivek Mishra<br>S/o Shri Diwakar Mishra<br>R/o- Village- Mao Mansurpur, Thana- Safipur, District- Unnao, Uttar Pradesh<br>E-mail Id- vivekmishra5418@gmail.com   |                   |               |
| 5.  | Name of Project   | “Ordinary Earth Mining” at Village- Ahmadabad Mathar, Tehsil- Safipur, District- Unnao, Uttar Pradesh   |                   |               |
| 6.  | Project Location (Plot.Khasra/Gata No.)                               | Gata No.- 928, Village- Ahmadabad Mathar, Tehsil-Safipur, District- Unnao, Uttar Pradesh  |                   |               |
| 7.  | Name of River   | NA  |                   |               |
| 8.  | Name of Village   | Ahmadabad Mathar  |                   |               |
| 9.  | Tehsil  | Safipur   |                   |               |
| 10. | District  | Unnao   |                   |               |
| 11. | Name of Minor Mineral   | Ordinary earth  |                   |               |
| 12. | Sanctioned Lease Area (in Ha.)  | 1.452 ha.   |                   |               |
| 13. | Max. & Min mRL within lease area                                      | Highest- 113 mRL & Lowest- 112 mRL  |                   |               |
| 14. | Pillar Coordinates (Verified by DMO)                                  | Point   | Latitude          | Longitude     |
|     |   | A   | 26°45'58.85"N     | 80°17'35.89"E |
|     |   | B   | 26°45'56.95"N     | 80°17'38.17"E |
|     |   | C   | 26°45'52.93"N     | 80°17'34.36"E |
|     |   | D   | 26°45'54.78"N     | 80°17'31.88"E |
| 15. | Total Geological Reserves   | 31,944 m <sup>3</sup>   |                   |               |
| 16. | Total Mineable Reserve (as per Approved Mine Plan)                    | 28,749 m <sup>3</sup>   |                   |               |
| 17. | Total Proposed Production   | 25,000 m <sup>3</sup> (in 3 months)   |                   |               |
| 18. | Proposed Production   | 25,000 m <sup>3</sup> (in 3 months)   |                   |               |
| 19. | Sanctioned Period of Mine lease                                       | 03 months   |                   |               |
| 20. | Method of Mining  | Opencast, Semi-Mechanized   |                   |               |
| 21. | Working hours/day   | 8   |                   |               |
| 22. | No. of worker   | 24  |                   |               |
| 23. | No. of vehicles movement/day  | 28  |                   |               |
| 24. | Type of Land  | Private land  |                   |               |
| 25. | Ultimate of Depth of Mining   | 2.2m  |                   |               |
| 26. | Nearest metalled road from site                                       | 250 m   |                   |               |
| 27. | Water Requirement   | PURPOSE   | REQUIREMENT (KLD) |               |
|     |   | Drinking  | 0.24 KLD          |               |
|     |   | Suppression of dust   | 1.96 KLD          |               |
|     |   | Plantation  | 0.10 KLD          |               |
|     |   | Total   | 2.30 KLD          |               |
| 28. | Name of QCI Accredited Consultant with QCI No and period of validity. | M/s AWS Envirotech (OPC) Pvt. Ltd<br>2 <sup>nd</sup> floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar, Lucknow-226016, U.P.<br>Certificate no. NABET/EIA/2225/IA 0097 (Rev.01)<br>Valid Till July 14, 2025 |                   |               |
| 29. | Any litigation pending against the project or land in any court       | No  |                   |               |
| 30. | Details of 500 m Cluster Certificate verified by Mining Officer       | vide letter no.- 267/ Khanij Vibhag/2022-23<br>Dated- 01.07.2023  |                   |               |

|     |                                       |  |
|-----|---------------------------------------|--|
| 31. | Details of Lease Area in approved DSR | Its ordinary soil mining project, DSR not applicable |
| 32. | Proposed CER cost                     | Rs. 18,000/-   |
| 33. | Proposed EMP cost                     | EMP Cost- Rs. 1,33,000/-                             |
| 34. | Length and breadth of Haul Road       | 260 m  |
| 35. | No. of Trees/saplings to be Planted   | 50   |

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 02/08/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the EC application report for the proposal "Ordinary Earth Mining" at Araj/Gata no.- 928, Village- Ahmadabad Mathar, Tehsil- Safipur, District- Unnao, Uttar Pradesh, (Leased Area- 1.452 ha.) with my team.
3. 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.
4. I am satisfied that all the necessary data/ information submitted along with EC application are true and correct.
5. I certify that this project proposal 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 EMP Report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

### **RESOLUTION AGAINST AGENDA NO. 13**

**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-2 to these minutes.**

### **14. Expansion of DFCCIL Integrated Office Cum Residential Complex project at Sector – 145, Noida, District – Gautam Buddh Nagar, Shri Yogendra Sharma, M/s Dedicated Freight Corridor Corporation of India Ltd., 8080/ 5663/SIA/UP/INFRA2/439982/2023**

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 OCEAO-ENVIRO Management Solutions (India) Private Limited. 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 Expansion of DFCCIL Integrated Office Cum Residential Complex project at Sector – 145, Noida, District – Gautam Buddh Nagar, U.P., M/s Dedicated Freight Corridor Corporation of India Ltd.

2. Environment Clearance for the existing project was issued by SEIAA, U.P. vide letter no. 682/Parya/SEAC/4599/2018, dated 08/02/2019 for the plot area 1,68,491.00 sqm and built-up area 1,39,350.00 sqm.
3. The terms of reference (TOR) for the expansion proposal was issued by SEIAA vide its letter no. 310/Parya/SEAC/5663/2018, dated 13/09/2020. EIA report submitted by the project proponent through online Parivesh Portal on 10/08/2023.
4. Comparative details of existing and expansion project:

| S. No | Particulates                             | As per earlier EC Granted Existing | Proposed Expansion | Total    |
|-------|--|------------------------------------|--------------------|----------|
| 1     | Plot Area (sq.m)                         | 1,68,491.00                        | -                  | 1,68,491 |
| 2     | Built up Area (sq.m)                     | 1,39,350.00                        | 52,255             | 1,91,605 |
| 3     | Total Population (Nos)                   | 14,461                             | 1,103              | 15,564   |
| 4     | Total Water Requirement (KLD)            | 826                                | 158                | 984      |
| 5     | Fresh Water Requirement (KLD)            | 361                                | 109                | 470      |
| 6     | Treated Water Requirement (KLD)          | -                                  | -                  | 389      |
| 7     | Waste Water Generation (KLD)             | -                                  | -                  | 432      |
| 8     | Capacity of Sewage Treatment Plant (KLD) | 400                                | 120                | 520      |
| 9     | Rain Water Harvesting Pits (Nos)         | 29                                 | -                  | 29       |
| 10    | Parking (ECS)                            | -                                  | -                  | 2319     |
| 11    | Solid Waste Generation (kg/day)          | 3061                               | 513                | 3575     |
| 12    | Landscape Area (sq.m)                    | 75,000                             | -                  | 75,000   |
| 13    | Power Load (KW)                          | -                                  | -                  | 9095.41  |
| 14    | DG Sets (Nos)                            | 06                                 | 02                 | 08       |

5. Land use details:

| S. No. | Land use Classification         | Area in Hectare | Area in % |
|--------|---------------------------------|-----------------|-----------|
| 1      | Settlement                      | 12717           | 38.10     |
| 2      | Waterbodies                     | 454             | 1.36      |
| 3      | Sandy Area                      | 282             | 0.84      |
| 4      | Surajpur Bird Sanctuary/Wetland | 31              | 0.09      |
| 5      | Plantation                      | 1175            | 3.52      |
| 6      | Forest Area                     | 553             | 1.66      |
| 7      | Open Scrub                      | 8871            | 26.58     |
| 8      | Agriculture Land                | 9297            | 27.85     |
|        | Total                           | 33380           | 100.00    |

6. Area details:

| S. No | Particulars  | (Existing Area) m <sup>2</sup> | (Expansion Area) m <sup>2</sup> | Total Area m <sup>2</sup> |
|-------|--|--------------------------------|---------------------------------|---------------------------|
| 1     | Total plot area  | -----                          | -----                           | 1,68,491.00(41.63 acre)   |
| 2     | Total plot area for Institutional and residential Purpose                            | -----                          | -----                           | 1,41,491.00               |
| 3     | Total plot area for residential purpose  | -----                          | -----                           | 27,000.00                 |
| 4     | Permissible Ground Coverage (@30% of Total Plot area)                                | -----                          | -----                           | 50,547.30                 |
| 5     | Total Proposed Ground Coverage (@ 19.55 of Total Plot area)                          | -----                          | -----                           | 32,950.00                 |
| 6     | Total Proposed Ground Coverage for Institutional purpose (@16%of Total plot area)    | -----                          | -----                           | 26,950.00                 |
| 7     | Total Proposed Ground Coverage for Residential Purpose (@ % 3.56 of Total Plot area) | -----                          | -----                           | 6,000.00                  |
| 8     | Permissible FAR @2.0   | -----                          | -----                           | 3,36,982.00               |
| 9     | Permissible FAR for Institutional Purpose@90%  | 3,03,283.80                    | -----                           | 3,03,283.80               |
| 10    | Permissible FAR for Residential Purpose @10%   | -----                          | 33,698.20                       | 33,698.20                 |
| 11    | Proposed FAR for Institutional Purpose   | 1,04,150.00                    | 655                             | 1,04,150.00               |



|    |   |             |           |             |
|----|---|-------------|-----------|-------------|
|    | (34.341% of permissible FAR for Institutional)                                    |             |           |             |
| 12 | Proposed FAR for Residential Purpose(97.146 % of permissible FAR for Residential) | -----       | 33,600.00 | 33,600.00   |
| 13 | Proposed FAR  | 1,04,150.00 | 33,600.00 | 1,37,750.00 |
| a  | Corporate office – 1 (G+8)  | 19,000.00   | -----     | 19,000.00   |
| b  | Auditorium (B+GR+1)   | 3,000.00    | -----     | 3,000.00    |
| c  | Corporate office – 2 (B+G+9)  | 30,000.00   | -----     | 30,000.00   |
| d  | Corporate office – 3 (2B+G+10)  | 30,000.00   | -----     | 30,000.00   |
| e  | Site office (G+1)   | 1,050.00    | -----     | 1,050.00    |
| f  | Community Center (G+1)  | 5,000.00    | -----     | 5,000.00    |
| g  | Subordinate Rest House (G+3)  | 2,000.00    | -----     | 2,000.00    |
| h  | Officer Rest House (G+2)  | 2,600.00    | -----     | 2,600.00    |
| I  | HHRI Admin Block (G+3)  | 3,000.00    | -----     | 3,000.00    |
| j  | HHRI Hostel Block (G+5)   | 3,500.00    | 655       | 4,155.00    |
| k  | HHRI General lab and workshop (G)   | 2,000.00    | -----     | 2,000.00    |
| l  | HHRI Mobile lab (G)   | 3,000.00    | -----     | 3,000.00    |
| m  | Commercial Complex (Facilities)   | -----       | 500       | 500.00      |
| n  | TYPE II Tower (B+G+11)  | -----       | 3500      | 3,500.00    |
| o  | TYPE III Tower(B+G+11)  | -----       | 3800      | 3,800.00    |
| p  | TYPE IV Tower(B+G+11)   | -----       | 6750      | 6,750.00    |
| q  | TYPE V Tower (B+G+11)   | -----       | 8100      | 8,100.00    |
| r  | TYPE VI Tower (B+G+11)  | -----       | 8000      | 8,000.00    |
| s  | MD'S Bungalow (G+1)   | -----       | 800       | 800.00      |
| t  | Director's Bungalow (5 Nos.) (G+1)  | -----       | 2150      | 2,150.00    |
| 14 | Service Area (NON-FAR)  | 10,200.00   | 4000      | 14,200.00   |
| 15 | Total Basement Area   | 25,000.00   | 14,000.00 | 39,000.00   |
| 16 | Total Built Up Area (BUA)   | 139,350.00  | 52,255.00 | 1,91,605.00 |
| 17 | Open Area (Total Plot Area– Ground Coverage)                                      | -----       | -----     | 135,541.00  |
| 18 | Required Minimum Landscape Area (50% of Open Area)                                | -----       | -----     | 67,770.50   |
| 19 | Proposed Landscape Area (55.33% of Open Area)                                     | -----       | -----     | 75,000.00   |
| 20 | Highest building height   | -----       | -----     | 46.95 m     |

7. The total water requirement for the project (Expansion + Existing) is envisaged to be approx. 983 KLD. Total Fresh water requirement (Expansion + Existing) is envisaged to be approx. 470 KLD. The total sullage generation (Expansion + Existing) is envisaged to be approx. 432 KLD.
8. Capacity of STP is 520 KLD where existing capacity of STP is 400 KLD and for expansion is 120 KLD. The total project will generate approx. 432 KLD (Existing = 314 KLD + Expansion = 118 KLD) of Sullage which will be treated in the STP of Capacity 520 KLD (Existing = 400 KLD + Expansion = 120 KLD) provided within the project site premises from which 389 KLD treated waste water will be recovered which will be recycled within the project site for the purpose of Horticulture, Flushing, HVAC Cooling which leads to Zero Exit Discharge.
9. Solid waste generation details:

| S. No. | Category                     | Values in Accorded EC (Existing) |                          | Values for Expansion  |                         | Total Waste generated (kg/day) |
|--------|------------------------------|----------------------------------|--------------------------|-----------------------|-------------------------|--------------------------------|
|        |                              | Kg per capita per day            | Waste generated (kg/day) | Kg per capita per day | Waste generated(kg/day) |                                |
| 1      | Hostel Block and Residential | 250 @ 0.5 kg /day                | 125                      | 952 @ 0.5 kg /day     | 476                     | 601                            |
| 2      | Staff                        | 8010 @ 0.25 kg / day             | 2002.5                   | 116.2 @ 0.25 kg / day | 29.05                   | 2031.55                        |
| 3      | Visitor                      | 6201 @ 0.15 kg /day              | 930.15                   | 54.1 @ 0.15 kg / day  | 8.115                   | 938.265                        |
| 4      | Landscape                    | 18.53 @ 0.2 kg/acres             |                          |                       | 3.706                   | 3.706                          |

|                                |                               |   |                           |                                |
|--------------------------------|-------------------------------|---|---------------------------|--------------------------------|
| waste                          |                               |   |                           |                                |
| Total Waste generated (kg/day) | 3060.57<br>Say 3061<br>kg/day | Total<br>Waste<br>generated<br>(kg/day) | 513.165 Say 513<br>kg/day | 3574.523<br>Say 3575<br>kg/day |

10. Parking details:

| S.No. | Particulars                   | Area    | ECS              |
|-------|-------------------------------|---------|------------------|
| 1     | Open Parking @1ECS/20Sq.M     | 14011.3 | 700.57           |
| 2     | Basement Parking @1ECS/30Sq.M | 36602.5 | 1220.08          |
| 3     | Covered Parking @1ECS/30Sq.M  | 11948.0 | 398.27           |
|       | Total Proposed Parking        |         | 2318.92 Say 2319 |

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

The consultant (EIA Coordinator) also submitted an affidavit dated 04/09/2023 mentioning is as follows:

1. I, Himanshu Goel, S/o Shri Rajiv Goel is EIA Coordinator of M/s M/s OCEAO-ENVIRO Management Solutions (India) Private Limited.
2. I have prepared the EIA/EMP report for the proposal (TOR/EC) with my team.
3. I have personally visited the site and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application are true and correct.
5. I certify that this project has been uploaded for 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 hard copy/presentation submitted 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. 14**

**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. 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.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
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. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
5. 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.
6. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.

The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability

7. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
9. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water. The project proponent will submit revised water mass balance in the light of above to the directorate of Environment and the concerned regulatory authorities.
10. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
11. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
12. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.

**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, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  5. Sand, murram, 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.



**15. Development of Integrated Manufacturing Cluster (IMC) at Villages- Rahan Kalan and Raipur, Tehsil-Etmadpur, District- Agra, U.P., M/s Uttar Pradesh State Industrial Development Authority (UPSIDA), Shri Vishwas Kumar Tyagi, Area-426 ha., 7992/6899/SIA/UP/INFRA2/433726/2023**

In compliance of Hon'ble Supreme Court order dated 08/12/2021 in Writ Petition (Civil) No. 13381/1984, NEERI has nominated Dr. S.K. Goyal as a representative/member in SEAC, U.P. to appraise the proposal under the TTZ area and Dr. S.K. Goyal attended the SEAC-2 meeting virtually.

Dr. S.K. Goyal suggested that the terms of reference (TOR) proposal has been appraised by SEAC-1 and recommended to issue TOR along with some specific/additional TOR points. EIA report submitted by the project proponent vide proposal no. SIA/UP/INFRA2/433726/2023 and the project listed for EIA appraisal in SEAC-2 meeting dated 05/09/2023. Dr. S.K. Goyal advised that the project should be appraised in joint meeting of SEAC-1 & 2 and take decision in the matter. The committee unanimously agreed with the suggestion of Dr. S.K. Goyal, NEERI Member and directed to put up the matter in SEAC-1 & 2 meeting scheduled on 05/10/2023.

**(Prof. Jaswant Singh)**  
Member

**(Dr. Amrit Lal Haldar)**  
Member

**(Dr. Shiv Om Singh)**  
Member

**(Tanzar Ullah Khan)**  
Member

**(Dr. S.K. Goyal)**  
Member, NEERI

**(Dr. Harikesh Bahadur Singh)**  
Chairman

**(Ashish Tiwari)**  
Member-Secretary

**Nodal, SEAC-2**

MoM prepared by Secretariat in consultation with  
Chairman & Members on the basis of decisions  
taken by SEAC-2 during the meeting.

Annexure-1

**General and Specific Conditions for Gitti, Patthar & Boulder Mining Projects: -**

**A. General Conditions:**

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> monitoring. The location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
7. Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, 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.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1<sup>st</sup> June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

**B. Specific Conditions:**

1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of the applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and the area is less than 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan whichever is less. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore-bearing area is worked for expansion.
10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.

12. Green belt development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation. The company shall involve local people in the plantation programme. Details of year-wise afforestation programme including rehabilitation of mined-out area shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and an observation report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for the prevention of blasting associated impact on nearby houses and agricultural fields.
14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the daytime only. The project proponent shall ensure prevention of displacement of human beings/wild animals/birds etc. and in case any such displacement is caused due to blasting/mining operation by any chance the project proponent shall take suitable measures for their rehabilitation and resettlement.
15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
16. Maintenance of village roads used for transportation of minerals is to be done by the company regularly at its own expenses. The link roads from mining area to main road shall be constructed as all-weather road with black topping and maintained by the project proponent.
17. The surface runoff rain water harvesting/rain water recharge and water conservation measures will be taken by project proponent in consultation with central /State ground water Board .The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the mining area. The supernatant of the siltation basin and rain water harvested water shall be utilized for watering the haulage area, roads and green belt development etc.
18. Status of implementation shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geotextile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
21. Trenches/garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. An adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs if any flowing through the ML area and silts arrested. De silting at regular intervals shall be carried out.
22. Garland drain of appropriate size, gradient, and length shall be constructed for both mine pit and waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide an adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de silted at regular intervals.
23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine, and drainage in the direction of flow of groundwater shall be set up and records maintained.
24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.

25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure are to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with the installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of the beneficiary and gram Pradhan along with phone number, photographs should be submitted to Directorate as well as to the District Magistrate / Chief Development officers.
27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanisms so that no spillage of mineral/dust takes place.
28. Occupational health and safety measures for the workers including identification of work-related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust, etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including the health records of the workers. Awareness programmes for workers on the impact of mining on their health and precautionary measures like the use of personal protective equipment etc. shall be carried out periodically. A review of the impact of various health measures shall be conducted followed by follow-up action wherever required.
29. The project proponent will ensure for employing local people as per requirement, necessary protection measures around the mine pit and waste dump, and garland drain around the mine pit and waste dump.
30. Topsoil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of the mined-out area. Topsoil shall be separately stacked for utilization later for reclamation and shall not be stacked along with overburden.
31. Overburden (OB) shall be stacked at the earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of a maximum of 10 m and the overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface runoff.
32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, and U.P. Pollution Control Board on a six-monthly basis.
33. The slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by the Indian Bureau of Mines.
34. Permission for the abstraction of groundwater shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e., premonsoon (April/May), monsoon (August), post-monsoon (November), and winter (January), and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority, and Regional Director, Central Ground Water Board.
35. The wastewater from the mine shall be treated to conform to the prescribed standards before discharging into the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, Central Pollution Control Board, and the State Pollution Control Board.
36. Hydrogeological study of the area shall be reviewed by the project proponent annually. In case the adverse effect on groundwater quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on groundwater is implemented.
37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be

- covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
  39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
  40. Project Proponent shall explore the possibility of using solar energy where ever possible.
  41. Commitment towards CER has to be followed strictly.
  42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
  43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
  44. The blasting will be done only after getting permission from the Mining Department.

**Annexure-2**

**General and Specific Conditions for Soil/Earth Mining Projects:-**

**General condition:**

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
3. No change in mining technology and scope of working shall be made without approval of Authority.
4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
7. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

**Specific Conditions:**

1. The Environmental clearance will be co-terminus with the agreement/mining plan whichever is less.
2. Environment management should be in accordance with the present environment status of the project.
3. Approach kaccha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be leveled and handed over to the owners after completion of excavation work.
7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed, if applicable.
8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
9. Top soil should be adequately preserved and should be used for landscaping.
10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
13. Safety measures for the people working at the site shall be duly taken care of as per law.
14. The excavation work shall be done in day time only.
15. The project boundary shall be properly covered to restrict dust dispersion.
16. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.
17. Noise level shall be maintained as per standards for both day and night.
18. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
19. Vehicles hired for the transportation should be in good condition and should have Pollution

- Check Certificate and should conform to applicable air and noise emission standards.
20. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
  21. Solid waste material vizgutkha rappers, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
  22. Project proponent should maintain daily register for information of (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
  23. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
  24. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
  25. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
  26. The borrowing/excavation activity shall be restricted to 2 m. above the ground water table at the site.
  27. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
  28. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
  29. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
  30. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
  31. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
  32. Workers/labourers shall be provided with facilities for drinking water and sanitation.
  33. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
  34. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.