

## **Minutes of 833<sup>rd</sup> SEAC-2 Meeting Dated 15/02/2024**

The 833<sup>rd</sup> meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 15/02/2024. Following members participated in the meeting:

- |    |                             |                             |
|----|-----------------------------|-----------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2            |
| 2. | Dr. Amrit Lal Halder,       | Member, SEAC-2 (through VC) |
| 3. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 4. | Shri Tanzar Ullah Khan,     | Member, SEAC-2              |
| 5. | Prof. Jaswant Singh,        | Member, SEAC-2              |
| 6. | Dr. Shiv Om Singh,          | Member, SEAC-2 (through VC) |
| 7. | Shri Ashish Tiwari,         | Member Secretary, SEAC-2    |

The Chairman welcomed the members to the 833<sup>rd</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, Directorate of Environment.

1. **“Morrum Mining” on the riverbed of Sone River at Arazi No.- 15 □ , Khand No. 02, Village- Bhagwa, Tehsil- Obra, District- Sonbhadra, Uttar Pradesh, Area 12.146 ha., 8280/7891/SIA/UP/MIN/445239/2023**

### **RESOLUTION AGAINST AGENDA NO. 01**

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

2. **Commercial project at Plot No. Sector-A, Pocket-1, Sushant Golf City Sultanpur Road, Lucknow, M/s Wilmot Infratech Private Limited, Shri Feroz Khan., 8480/SIA/UP/INFRA2/452537/2023**

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 Commercial project at Plot No. Sector-A, Pocket-1, Sushant Golf City Sultanpur Road, Lucknow, M/s Wilmot Infratech Private Limited.
2. The plot area for the project is 20,238.66 m<sup>2</sup> and total built-up area will be 99357.232 m<sup>2</sup>.
3. Expected population will be 13276.
4. Maximum number of floors will be 2B+LG+UG+8 and maximum height of the building will be 40.9 m.
5. Estimated cost of project is Rs.224 Crores.
6. Proposed Activity: Commercial Retail, with F&B Services & Service Apartments.
7. Salient features details:

| Sl. No. | Description | Quantity | Unit |
|---------|-------------|----------|------|
| GENERAL |             |          |      |
| 1       | Plot Area   | 20238.66 | SQMT |

|                       |   |            |        |
|-----------------------|---|------------|--------|
| 2                     | Proposed Built Up Area  | 99357.232  | SQMT   |
| 3                     | Max Height of Building (Upto LMR Terrace)   | 40.9       | M      |
| 4                     | Max No of Floors  | 2B+LG+UG+8 | No.    |
| 5                     | Expected Population (All floating)  | 13276      | No.    |
| 6                     | Cost of Project   | 224        | CR     |
| 7                     | Proj Activity: Commercial Retail, with F&B Services & Service Apartments                |            |        |
| AREAS                 |   |            |        |
| 8                     | Permissible Ground Coverage Area  | 10119.3    | SQMT   |
| 9                     | Proposed Ground Coverage Area   | 9190.22    | SQMT   |
| 10                    | Total Permissible FAR Area  | 55676.55   | SQMT   |
| 11                    | Proposed FAR Area   | 55599.76   | SQMT   |
| 12                    | Proposed Total Non-FAR Areas - including Basements                                      | 43757.47   | SQMT   |
| 13                    | Proposed Total Built Up Area  | 99357      | SQMT   |
| WATER                 |   |            |        |
| 14                    | Total Water Requirement   | 364.01     | KLD    |
| 15                    | Fresh water requirement   | 202.36     | KLD    |
| 16                    | Treated Water Requirement   | 161.65     | KLD    |
| 17                    | Waste water Generation  | 312.17     | KLD    |
| 18                    | Proposed Capacity of STP  | 380        | KLD    |
| 19                    | Treated Water Available for Reuse   | 280.95     | KLD    |
| 20                    | Treated Water Recycled  | 161.65     | KLD    |
| 21                    | Excess treated water shall be used in others greenbelt or in construction activity      | 119.31     | KLD    |
| RAIN WATER HARVESTING |   |            |        |
| 22                    | No of RWH of Pits Proposed  | 5          | No.    |
| PARKING               |   |            |        |
| 23                    | Total Parking Required as / Building Bye Laws   | 695        | ECS    |
| 24                    | Proposed Total Parking  | 718        | ECS    |
| 25                    | Parking Proposed in Basement  | 718        | ECS    |
| GREEN AREA            |   |            |        |
| 26                    | Required Green Area (10% of open area)  | 1106.26    | SQMT   |
| 27                    | Proposed Green Area   | 1875.31    | SQMT   |
| WASTE                 |   |            |        |
| 28                    | Total Solid Waste Generation  | 2.42       | TPD    |
| 29                    | Organic waste   | 0.97       | TPD    |
| 30                    | Quantity of Sludge Generated from STP   | 31.22      | KG/DAY |
| ENERGY                |   |            |        |
| 31                    | Total Power Requirement<br>Source of Power Supply: Uttar Pradesh Power Corporation Ltd. | 3566       | KW     |
| 32                    | D G set Power backup  | 4500       | KVA    |
| 33                    | No of Generator Sets  | 3          | No.    |

**8. Land use details:**

| S. No. | Particulars               | Area (sqm) | % w r t plot area |
|--------|---------------------------|------------|-------------------|
| 1      | Ground Coverage Area      | 9190.22    | 45.34             |
| 2      | Green Area                | 1875.31    | 9.16              |
| 3      | Road/Paved & Parking Area | 9187       | 45.40             |
| 4      | Total Plot Area           | 20238.66   | 100               |

**9. Landscape plan:**

|   |             |
|---|-------------|
| Plot Area                                 | 20238.66 m2 |
| Proposed Green Area (9.26 % of plot area) | 1875.31 m2  |
| Required No of Trees                      | 253 Nos.    |
| Proposed No. of trees                     | 255 Nos.    |

**10. Water calculation details:**

|             | POPULATION/<br>AREA/UNIT | RATE IN LTS | TOTAL QTY IN<br>KL |
|-------------|--------------------------|-------------|--------------------|
| RESIDENTIAL |                          |             |                    |

|                         |         |     |        |
|-------------------------|---------|-----|--------|
| DOMESTIC                | 654     | 65  | 42.51  |
| FLUSHING                | 654     | 21  | 13.73  |
| (Working) Population    |         |     |        |
| DOMESTIC                | 1335    | 25  | 33.38  |
| FLUSHING                | 1335    | 20  | 26.70  |
| VISITORS                |         |     |        |
| DOMESTIC                | 8619    | 5   | 43.09  |
| FLUSHING                | 8619    | 10  | 86.19  |
| FOODCOURT               | Seats   |     |        |
| DOMESTIC                | 2312    | 25  | 57.8   |
| FLUSHING                | 2312    | 10  | 23.12  |
| RESTAURANT              | Seats   |     |        |
| DOMESTIC                | 356     | 55  | 19.58  |
| FLUSHING                | 356     | 15  | 5.34   |
| TOTAL POPULATION        | 13276   |     |        |
|                         | Area    |     |        |
| GARDENING               | 1875.31 | 3.5 | 6.56   |
|                         | KVA     |     |        |
| FILTER BACKWASH         |         | LS  | 6      |
| TOTAL WATER REQUIREMENT |         |     | 364.01 |

## 11. Action Plan as per Ministry's O.M. dated 30/09/2020:

| S. No. | Expenditure  | Amount (Lacks) | 2024 | 2025 | 2026 | 2027 | 2028 |
|--------|--|----------------|------|------|------|------|------|
| 1.     | Sanitation (preparation of toilets) in Village Harihar Pur, Devamau, Malak     | 35             | 7    | 7    | 7    | 7    | 7    |
| 2.     | Health (Medical Camp) in Village Harihar Pur, Devamau, Malak                   | 40             | 8    | 8    | 8    | 8    | 8    |
| 3.     | Development of Smart class in 20 Government Schools in UP                      | 25             | 5    | 5    | 5    | 5    | 5    |
| 4.     | Road development and Maintenance in Village Harihar Pur, Devamau, Malak        | 35             | 7    | 7    | 7    | 7    | 7    |
| 5.     | Installation of solar lights in Govt. schools                                  | 50             | 10   | 10   | 10   | 10   | 10   |
| 6.     | Solid waste management facility (provision of supply of OWC in schools)        | 25             | 5    | 5    | 5    | 5    | 5    |
| 7.     | Donation for Scientific Research to renowned university affiliated by UGC      | 50             | 10   | 10   | 10   | 10   | 10   |
| 8.     | Scholarship to BPL Students  | 40             | 8    | 8    | 8    | 8    | 8    |
| 9.     | Avenue Plantation/ plantation in community area in Harihar Pur, Devamau, Malak | 25             | 5    | 5    | 5    | 5    | 5    |
|        | Total  | 325            | 65   | 65   | 65   | 65   | 65   |

Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 13/12/2023 mentioning is as follows:

1. I, Manish Kumar Shukla, S/o Shri S.K. Shukla am EIA Coordinator of M/s Ind Tech House Consult, Delhi.
2. I have prepared the application/form-1, 1A and conceptual plan for the proposal (SIA/UP/Infra2/452537/2023) project name : Commercial project at Plot No. Sector-A, Pocket-1, Sushant Golf City Sultanpur Road, Lucknow, M/s Wilmot Infratech Private Limited with my team.
3. I have personally visited the site of proposal and certify that no 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 EC Application are true and correct.
5. I certify that this project proposal was 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 the hard copy/presentation which will be submitted after acceptance of application.
7. The 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 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 electric vehicle charging facility 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.
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.

13. The project proponent shall plan for storm water management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time.

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

1. Statutory compliance:
  1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
  2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
  3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
  6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
  7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
  8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
  9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
  10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
  2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
  3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
  4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  5. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  6. Wet jet shall be provided for grinding and stone cutting.
  7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.

9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
  2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
  6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
  7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
  8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
  11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
  12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
  13. All recharge should be limited to shallow aquifer.
  14. No ground water shall be used during construction phase of the project.
  15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
  16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record

- shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
  18. No sewage or untreated effluent water would be discharged through storm water drains.
  19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
  20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
  21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
  2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
  4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
  5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
  6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :

1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
  1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
  1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
    - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - b. Traffic calming measures.
    - c. Proper design of entry and exit points.
    - d. Parking norms as per local regulation.
  2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.



3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
  1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  5. Occupational health surveillance of the workers shall be done on a regular basis.
  6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
  1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
11. Miscellaneous:
  1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
  2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.

4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
  9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
  13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
  14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
  15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
3. **“Silica Sand Mine” at Gata No – part of 522, at Village-Aswan (block 01), Tehsil-Bara, District-Prayagraj, Shri Satyadev Mishra, Shree Bajrang Road Lines, Area – 15.75 ha., 8478/7108/SIA/UP/MIN/449808/2023**

**RESOLUTION AGAINST AGENDA NO. 03**

The committee discussed the matter and directed the project proponent to submit District Survey Report (DSR) approved by competent authority.

4. **Ordinary Sand Mining From Riverbed of Ghaghra/Sarvu River Gata no.- 01 Mi, Village- Majha Fareedpur Tappa Haweli, Tehsil- Alapur, District- Ambedkar Nagar, Shri Bablu, Area- 10.500 Ha., 8242/SIA/UP/MIN/443923/2023**

**RESOLUTION AGAINST AGENDA NO. 04**

The project proponent/consultant requested to defer the matter in upcoming SEAC meeting. Hence, the committee accepted the requested made by project proponent and directed to defer the matter from the agenda. The matter will be discussed only after submission of online requests on prescribed online portal.

5. **Building Stone (Khanda-Boulder/GittiBallast), mine at Gata No.- 669, Khand No. - 33, Village- Khailar, Tehsil- Sadar, District- Jhansi, Shri Rajkumar Parecha, Area- 2.023 Ha., 8234/6575/SIA/UP/MIN/441321/2023**

**RESOLUTION AGAINST AGENDA NO. 05**

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

6. **Ordinary Sand Mining From Riverbed of Ghaghra/Saryu River Gata no.- 01 Mi, Village- Majha Fareedpur Tappa Haweli, Tehsil- Alapur, Shri Bablu, Ambedkar Nagar, Area- 10.500 Ha., 8242/7643/SIA/UP/MIN/443923/2023**

**RESOLUTION AGAINST AGENDA NO. 06**

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

7. **Building Stone (Khanda-Boulder/GittiBallast), mine at Gata No.- 669, Khand No. - 33, Village- Khailar, Tehsil- Sadar, District- Jhansi, Shri Rajkumar Parecha, Area- 2.023 Ha., 8234/6575/SIA/UP/MIN/441321/2023**

**RESOLUTION AGAINST AGENDA NO. 07**

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

8. **Expansion of Township & Area development project “Jaypee Greens Aman” at Sector-151, Noida, District- Gautam Buddha Nagar, Shri Ashok Khera., 7314/7206/SIA/UP/INFRA2/403586/2022**

The Secretariat informed the committee that the matter was earlier discussed in 716<sup>th</sup> SEAC meeting dated 07/01/2023 and decided is as follows:

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

*The committee discussed the matter and opined that a site visit of the project will be undertaken by a joint committee of Dr. Shiv Om Singh, Shri Tanzar Ullah Khan, Members SEAC and RO, UPPCB, Noida to inspect the site of project proposal and provide factual status of the project.”*

Subsequently, the SEIAA in its 715<sup>th</sup> meeting dated 03/04/2023 agreed with the recommendation of SEAC. In view of above decision a site visit was undertaken by the members of joint committee Shri T.U. Khan, Dr. Shiv Om Singh and Shri Utsav Sharma, Regional Officer, UP Pollution Control Board, Noida on dated 25/01/2024 (Copy enclosed) and site visit report put in SEAC meeting dated 15/02/2024. The recommendation of the joint committee is as follows:

“...स्थलीय निरीक्षण के समय पाया गया कि परियोजना द्वारा नवीन आवेदन में दर्शित स्थल मौके पर रिक्त है तथा उस पर निर्माण कार्य नहीं किया गया है। निरीक्षण के दौरान लिये गये स्थल के फोटोग्राफ संलग्न है। समिति द्वारा विशिष्ट शर्तों के साथ पर्यावरणीय स्वीकृति हेतु समिति के समक्ष विचाराधीन आवेदन पत्र पर अग्रिम कार्यवाही किये जाने हेतु आख्या प्रस्तुत की गयी।”

The project proponent/consultant informed the committee that the Environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 2460/SEAC/417/AD(Y)/2010, dated 31/10/2011 for total plot area of 89.16 acres and built-up area is 6,40,200.00 sqm. Further, the extension of validity of environmental clearance issued by SEIAA U.P vide letter No. 336/Parya/417/2019 dated: 04/11/2019 for a period of three years i.e. 01/11/2018 to 31/10/2021. Further, construction work had been stopped following the nationwide lockdown imposed due to COVID 19 pandemic. Since the validity of Environmental Clearance has been expired, therefore PP is seeking fresh Environmental Clearance. Work on the project till date has been carried out in accordance with EC granted for which an affidavit is enclosed. The built-up area of the project is increased from 6,40,200 sqm to 9,36,994 sqm.

**The committee discussed the matter on the basis of site visit report submitted by the joint committee, presentation made by the project proponent and recommended grant of environmental clearance on the proposal given at Para-A alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and Specific conditions given at Para-B :**

**Para-A:**

1. The environmental clearance is sought for Expansion of Township & Area development project “Jaypee Greens Aman” at Sector-151, Noida, District- Gautam Buddha Nagar, U.P., M/s Jaypee Infratech Limited.
2. Environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 2460/SEAC/417/AD(Y)/2010, dated 31/10/2011 for total area of 89.16 acres and built-up area is 6,40,200.00 sqm.
3. The extension of validity of Environmental Clearance issued by SEIAA U.P vide letter No. 336/Parya/417/2019 dated: 04/11/2019 for a period of three years i.e. 01/11/2018 to 31/10/2021.
4. The standard terms of reference for the project proposal was issued through online Parivesh Portal on 10/08/2022 for total an area of 3,61,000 sqm (36.10 ha) and proposed built-up area of 9,39,994 sqm.
5. Final EIA report submitted by the project proponent through online Parivesh Portal on 04/08/2022.
6. The total estimated cost of the project is approx. Rs. 750 crores which includes the cost of the land as well as the developmental cost.
7. Total 54,195 m<sup>2</sup> (15.01% of total plot area) area is proposed for landscape which will be area under tree plantation within the project site.
8. Site surrounding and environmental sensitivity details:

| S. No. | Particulates                         | Name of Places                 | Distance (Km) | Direction |
|--------|--------------------------------------|--------------------------------|---------------|-----------|
| 1)     | Nearest Airport                      | Safdarjung Airport             | 29.4          | NW        |
| 2)     | Nearest Metro Station                | Noida sector 148               | 1.11          | ENE       |
|        |                                      | Noida sector 147               | 1.65          | N         |
| 3)     | Nearest Bus Stand                    | Galgotias Bust Stop            | 3.51          | ENE       |
|        |                                      | Pari Chowk Bus Stand           | 4.89          | ENE       |
| 4)     | Nearest State Highway/Any other road | Noida-Greater Noida Expressway | 0.99          | ENE       |

|        |                             |  |               |           |
|--------|-----------------------------|--|---------------|-----------|
|        |                             | Metalled road  | 0.37          | ENE       |
| 5)     | Nearest National Highway    | NH-91  | 14.48         | NE        |
| 6)     | Nearest School/College      | JMS Public School  | 1.73          | NNW       |
|        |                             | GSB International School                                       | 1.52          | WNW       |
|        |                             | Lloyd Institute of management & technology                     | 2.88          | NE        |
|        |                             | United College of Engineering & Research Center, Greater Noida | 3.10          | NE        |
| 7)     | Nearest Masjid              | Shiv Mandir  | 1.02          | SE        |
|        |                             | Kali Mandir  | 3.36          | NE        |
|        |                             | Bilal Masjid   | 2.82          | NNW       |
|        |                             | Mandela Masjid   | 3.42          | NNE       |
| S. No. | Particulates                | Name of Places   | Distance (Km) | Direction |
| 8)     | Nearest Hospital            | Shree Ram Hospital & Maternity Center                          | 1.43          | NNW       |
|        |                             | Arya Hospital  | 1.72          | SSE       |
| 9)     | Nearest Police Station      | AWHO Police Chowki   | 4.61          | E         |
|        |                             | Police station   | 4.74          | ENE       |
| 10)    | Nearest Fire Station        | Fire Station Knowledge Park                                    | 3.21          | NE        |
| 11)    | Nearest Pond                | Nacholi Pond   | 7.69          | WSW       |
| 12)    | Nearest River/Nallah/ Canal | Yamuna River   | 1.02          | WSW       |
|        |                             | Hindon River   | 2.25          | ENE       |
| 13)    | Wetland                     | Surajpur Wetland & Natural Forest                              | 9.20          | N         |

**9. Area calculation details:**

| S.N. | Particulars                                  | Total Plot Area |              |               | FAR     | Total Built-up Floor area (Sqm.) | Total Built-up Non FAR (Sqm.) | Total Built up Area (Sqm.) |
|------|--|-----------------|--------------|---------------|---------|----------------------------------|-------------------------------|----------------------------|
|      |  | Area (Ha.)      | Area (Acres) | Area (Sqm.)   |         |                                  |                               |                            |
| 1    | Commercial                                   | 1.44            | 3.56         | 14400         | 2       | 28800                            | 31010                         | 59810                      |
| 2    | Residential                                  |                 |              |               |         |                                  |                               |                            |
| a    | Group Housing                                | 20.487          | 50.62        | 204870        | 2.75    | 556057                           | 234804                        | 790861                     |
| 3    | Sector Institutional                         |                 |              |               |         |                                  |                               |                            |
| a    | Institutional Facilities                     | 1.8581          | 4.59         | 18581         | 1.5     | 27872                            | 18010                         | 45882                      |
| b    | Community Facilities                         | 0.9419          | 2.33         | 9419          | 1.5/1.2 | 13719                            | 9130                          | 22849                      |
| 4    | Health Care Facilities                       |                 |              |               |         |                                  |                               |                            |
| a    | Nursing Home Cum Dispensary                  | 0.5001          | 1.24         | 5001          | 2.75    | 13753                            | 6840                          | 20593                      |
| 5    | Recreational Activities (Parks & Playground) | 5.4195          | 13.39        | 54195         |         | 0                                |                               |                            |
| 6    | Roads  | 5.453           | 13.47        | 54530         |         | 0                                |                               |                            |
| 7    | <b>Total</b>                                 | <b>36.100</b>   | <b>89.2</b>  | <b>361000</b> |         | <b>6,40,200</b>                  | <b>2,99,794</b>               | <b>9,39,994</b>            |

**10. Proposed community facility:**

| S.No. | Activity                                     | Number | Area (Sq Mtr) |
|-------|--|--------|---------------|
| 1     | Nursery School & Creche                      | 1      | 1018          |
| 2     | Integrated Senior Secondary School           | 2      | 17563         |
| 3     | Nursing Home/Dispensary                      | 3      | 5001          |
| 4     | Community Centre & Milk And Vegetable Booths | 2      | 8053          |
| 5     | Religious Building                           | 1      | 1366          |
| 6     | Parks & Play Ground                          | 1      | 54195         |
| 7     | Sector Level Shopping                        | 1      | 14400         |
| 8     | Utilities & Taxi/ Auto Stand                 | 1      | 1603          |

**11. Break-up of fresh water & treated water requirement:**

| S.no.                   | Particulars                              | Occupancy/Area | Fresh Water Demand |          | Treated Water Demand |          |
|-------------------------|--|----------------|--------------------|----------|----------------------|----------|
|                         |  |                | lpcd               | Quantity | lpcd                 | Quantity |
| 1                       | Commercial                               | 1920           | 30                 | 57.6     | 15                   | 28.8     |
| 2                       | Residential                              | 24000          | 65                 | 1560     | 21                   | 504      |
| 3                       | Institutional                            |                |                    |          |                      |          |
| a                       | Institutional Facilities                 | 2787           | 30                 | 83.61    | 15                   | 41.805   |
| b                       | Community Facilities                     | 1413           | 30                 | 42.39    | 15                   | 21.195   |
| 4                       | Nursing Home Cum Dispensary (3X100 Beds) | 300            | 230                | 69       | 110                  | 33       |
| 5                       | Horticulture                             | 54195          | NIL                | NIL      | 3l/sqm               | 162.585  |
| 6                       | DG Cooling                               | 12520          |                    |          |                      | 67.608   |
| 7                       | HVAC                                     | 1202 TR        | NIL                | NIL      | 10 lt. /Hr. x 10 Hr. | 120.2    |
| Total Water Requirement |  |                |                    | 1812.6   |                      | 979.193  |

**12. Rain water harvesting details:**

| S.N.              | Particulars   | Catchment Area(sqm) | Rainfall Intensity(mm) | Runoff Coefficient | Run off load m <sup>3</sup> /hr | Considering Retention time @ 15 min | Dimension of pit               | Volume of Recharge pit (m <sup>3</sup> ) | No. of Pits |
|-------------------|---------------|---------------------|------------------------|--------------------|---------------------------------|-------------------------------------|--------------------------------|--|-------------|
| 1                 | Roof top area | 79638               | 0.03                   | 0.9                | 2150.226                        | 537.5565                            | Size of Pit 6m X 4m Depth : 2m | 48                                       | 11.19~12    |
| Total No. of pits |               |                     |                        |                    |                                 |                                     |                                |  | 12          |

**13. Solid waste generation details:**

| S. No. | Category                                 | Occupancy/Area | Kg per capita per day | Waste generated (kg/day) |
|--------|--|----------------|-----------------------|--------------------------|
| 1      | Commercial                               | 1,920          | 1,920@ 0.25 kg / day  | 480                      |
| 3      | Residential                              | 24,000         | 24,000 @ 0.5 kg /day  | 12,000                   |
| 2      | Sectoral Institutional                   |                |                       |                          |
| a      | Institutional Facilities                 | 2,787          | 2,787 @ 0.15 kg /day  | 418                      |
| b      | Community Facilities                     | 1,413          | 1,413@ 0.15 kg /day   | 212                      |
| 3      | Health Care Facilities                   |                |                       |                          |
| d      | Nursing Home Cum Dispensary (3x100 Beds) | 300            | 300 @ 1.5 kg /day     | 450                      |
| 4      | Landscape waste ( m <sup>2</sup> )       | 54,195         | 13.39@ 0.2 kg/acres   | 3                        |
| 5      | Total Solid Waste Generated              |                |                       | 13,563                   |

**14. Other waste:**

|                           |  |
|---------------------------|--|
| Biodegradable waste (50%) | 5086 kg/day (Waste vegetables and foods etc.)                  |
| Recyclable waste (40%)    | 4069 kg/day (Papers, cartons, thermocol, plastics, glass etc.) |
| Inert waste (9%)          | 915.45 kg/day  |
| E-waste (1%)              | 101.73 kg/day  |
| Total                     | 10173 kg/day   |

15. The connected load for Project is approx. 38,968.2 KVA. The Source of Power supply will be from UP Power Corporation Limited. There is provision of 9 no. of DG sets of total capacity 11,892 KVA (2 x 1010 KVA +7x1500 KVA). The DG sets are equipped with acoustic enclosure to minimize noise generation and adequate stack height for proper dispersion.

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

**Para-B:**

**Specific Conditions:**

1. NOC from Forest Department should be obtained before felling of trees, if required.

2. Under the project, different purposes of area/land have been allotted, it is mandatory that a separate environmental clearance shall be taken by the project/activity having built-up area more than 20,000 sqm and also those industry/activity covered under the provision of EIA Notification 2006, (as amended). The above condition should be mentioned in the allotment letter to the allottee.
3. Project proponent (Jaypee Infratech) should install STP's in modular form as per the requirement of township and also provide the MSW treatment and disposal facility in township area.
4. Project proponent (Jaypee Infratech) should complete construction of approach road before starting of the project.
5. Project proponent (Jaypee Infratech) should provide a storage tank for runoff water in township area and make arrangements for reutilization of the storage water to reduce the abstraction of ground water source.
6. Project proponent (Jaypee Infratech) should obtain a NOC from Ground water department for extraction of ground water.
7. 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.
8. Project proponent should ensure that there will be no use of "Single use of Plastic" (SuP).
9. 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.
10. The project proponent shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR", directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.
11. 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.
12. The project proponent shall ensure that the project site does not attract/infringe any buffer zone, wetland zone etc. of no activity identified/declared under law.
13. Criteria/ norms provided by competent Authority regarding the seismic zone be followed for construction work. Provision of alarm system, to timely notify the residents, in case of occurrence of earthquake/other natural disasters/fire should be provided. A well defined evacuation plan should also be prepared and regular mock drills should be arranged for the residents. Rise of stairs should be constructed in a way, so that it should provide smooth movement.
14. The project proponent should develop green belt in the said project 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.
15. The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
16. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
17. 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.
18. 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.

19. 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.
20. 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.
21. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 05 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.
22. The project proponent shall plan for storm water management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time.

**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.

**9. Building Stone (Khanda, Boulder, Ballast) Mining Project at Arajai No. 669 Mi, Khand No- 05, Village: Khailar, Tehsil: Sadar, District: Jhansi, Shri Abhishek Yadav, Area: 2.00 Ha., 8476/SIA/UP/MIN/452371/2023**

The Secretariat informed the committee that the matter was earlier listed in 816<sup>th</sup> SEAC meeting dated 14/12/2023 and the project proponent/consultant did not appear in the meeting and the committee decided that the project file should be closed and be opened only after request from the project proponent. The project proponent submitted their request through online Parivesh Portal and the matter was listed in 833<sup>rd</sup> SEAC meeting dated 15/02/2024.

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

1. The terms of reference is sought for Building Stone (Khanda, Boulder, Ballast) Mining Project at Arajai No. 669 Mi, Khand No- 05, Village: Khailar, Tehsil: Sadar, District: Jhansi, U.P., (Leased Area: 2.00 Ha.).
2. Salient features of the project as submitted by the project proponent:

|    |                                |  |
|----|--------------------------------|--|
| 1. | On-line proposal No.           | SIA/UP/MIN/452371/2023                         |
| 2. | File No. allotted by SEIAA, UP | 8476   |
| 3. | Name of Proponent              | Shri. Abhishek Yadav S/o. Shri. Sadhuram Yadav |

| 4.                             | Full correspondence address of proponent                              | R/o- 21, Khailar<br>Tehsil & District: Jhansi, Uttar Pradesh   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
|--------------------------------|---|--|--------------------------------|--|--|---------|-------------|--------------|---|---------------|---------------|---|---------------|--------------|---|---------------|--------------|---|---------------|--------------|
| 5.                             | Name of Project   | Building Stone (Khanda, Boulder, Ballast) Mine   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 6.                             | Project location (Plot/ Khasra /Gata No.)                             | Araji No.:669 Mi, Khand No - 05  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 7.                             | Name of Village   | Khailar  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 8.                             | Tehsil  | Sadar  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 9.                             | District  | Jhansi   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 10.                            | Name of Minor Mineral   | Building Stone (Khanda, Boulder, Ballast)  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 11.                            | Sanctioned Lease Area (in Ha.)  | 2.00 Ha.   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 12.                            | Max. & Min mRL within lease area                                      | Highest Point :314 mRL<br>Lowest Point :305 mRL  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 13.                            | Pillar Coordinates (Verified by DMO)                                  | <table border="1"> <thead> <tr> <th colspan="3">Co-ordinates of Sanctioned MLA</th></tr> <tr> <th>Pillars</th><th>Latitude(N)</th><th>Longitude(E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°20'49.35"N</td><td>78°30'57.58"E</td></tr> <tr> <td>B</td><td>25°20'53.72"N</td><td>78°31'0.71"E</td></tr> <tr> <td>C</td><td>25°20'52.75"N</td><td>78°31'4.69"E</td></tr> <tr> <td>D</td><td>25°20'46.68"N</td><td>78°31'0.43"E</td></tr> </tbody> </table> | Co-ordinates of Sanctioned MLA |  |  | Pillars | Latitude(N) | Longitude(E) | A | 25°20'49.35"N | 78°30'57.58"E | B | 25°20'53.72"N | 78°31'0.71"E | C | 25°20'52.75"N | 78°31'4.69"E | D | 25°20'46.68"N | 78°31'0.43"E |
| Co-ordinates of Sanctioned MLA |   |  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| Pillars                        | Latitude(N)   | Longitude(E)   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| A                              | 25°20'49.35"N   | 78°30'57.58"E  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| B                              | 25°20'53.72"N   | 78°31'0.71"E   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| C                              | 25°20'52.75"N   | 78°31'4.69"E   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| D                              | 25°20'46.68"N   | 78°31'0.43"E   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 14.                            | Total Geological Reserves   | 9,38,582 m <sup>3</sup>  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 15.                            | Total Mineable Reserves   | 5,93,072 m <sup>3</sup>  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 16.                            | Total Proposed Production (in five years)                             | 2,50,000 m <sup>3</sup>  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 17.                            | Proposed Production / year  | 50,000 m <sup>3</sup> per annum  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 18.                            | Sanctioned Period of Mine lease                                       | 20 Years   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 19.                            | No. of workers  | 51   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 20.                            | Type of Land  | State Government Land  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 21.                            | Ultimate depth of mining  | 30 m (314 mRL – 284 mRL)   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 22.                            | Nearest metalled road from site                                       | 630 m  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 23.                            | Water Requirement   | 8.665 KLD  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 24.                            | Name of QCI Accredited Consultant with QCI No and period of validity. | GLOBUS ENVIRONMENT ENGINEERING SERVICES<br><i>Certificate No.: NABET/EIA/2124/RA0245, Valid till August 24/2024.</i>   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 25.                            | Any litigation pending against the project or land in any court       | No   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 26.                            | Details of 500 m Cluster certificate Verified by Mining Officer       | Cluster certificate issued by DMO (Mining Section), Jhansi Letter No. 766/ 30 एम. एम. सी /2023-24 Date – 10-08-2023  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 27.                            | Details of Lease Area in approved DSR                                 | Sr. No 82, Pg No 33  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 28.                            | Proposed EMP cost   | Rs. 19.96 Lakhs  |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 29.                            | Length and breadth of Haul Road.                                      | Approach Road Length 630 m & Width 7 m   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 30.                            | No. of Trees to be Planted  | 2000   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |
| 31.                            | Monitoring Period   | Post Monsoon Season (Oct 2021- Dec 2021)   |                                |  |  |         |             |              |   |               |               |   |               |              |   |               |              |   |               |              |

- 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 12/12/2023 mentioning is as follows:

- I, Mr. Akhilesh Gupta S/o Sri. Omkar Gupta is EIA Coordinator of M/s Globus Environment Engineering Services.

2. I have prepared the TOR report for the Proposal (SIA/UP/MIN/452371/2023) in Name “Building Stone (Khanda, Boulder, Ballast) Mining Project at Araji No. 669 Mi, Khand No- 05, Area: 2.00 Ha, Village: Khailar, Tehsil: Sadar, District: Jhansi, State: 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 am satisfied that all the necessary data/ information submitted along with 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. 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. (If and as required): Not Applicable.
8. The TOR report for the Proposal is prepared by me as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 09**

**The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:**

**Additional TOR:**

1. The project proponent should submit the consent on original notarized affidavit from Shri Sahab Singh, lease holder of Gata no. 669, Khand no. 12, Village-Khailar, Tehsil-Sadar, District-Jhansi, U.P. regarding use of baseline monitoring data for the period of October to December, 2021 for the preparation of EIA report.
2. Approved DSR from competent authority should be uploaded at the time of EIA submission.
3. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
5. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
6. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
7. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
8. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
9. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
10. Combined KML of all mines in a cluster should be submitted at the time of EIA.
11. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
12. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
13. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source



- points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
14. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
  15. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
  16. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
  17. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
  18. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

**10. “Building Stone (Granite Khanda, Boulder, Ballast)” Araj No. -93 (Khand No. 24), Village: Bari, Tehsil: Sadar, District: Mahoba, Smt. Suvasha Singh, Area: 1.012 Ha, 8456/7886/SIA/UP/MIN/451551/2023**

**RESOLUTION AGAINST AGENDA NO. 10**

The committee discussed the matter and directed the project proponent to submit District Survey Report (DSR) approved by competent authority.

**11. “Building Stone (Granite Khanda, Boulder, Ballast)” Mining Project at Araj No.- 93 (Khand No. 17) of Village: Bari, Tehsil: Sadar, District: Mahoba, Shri Virendra Singh, Area: 1.012 Ha., 8450/7874/SIA/UP/MIN/451406/2023**

**RESOLUTION AGAINST AGENDA NO. 11**

The committee discussed the matter and directed the project proponent to submit District Survey Report (DSR) approved by competent authority.

**12. “Building Stone, Granite or Khanda, Boulder , Ballast (Gitti), Mining Project” at Araz No.: 60, Khand No.:04,Village: Jamala , Tehsil: Kulpahar, District: Mahoba, Shri Shrinivas Budhaliya, Area: 1.012 Ha., 8256/SIA/UP/MIN/444314/2023**

**RESOLUTION AGAINST AGENDA NO. 12**

The committee discussed the matter and directed the project proponent to submit District Survey Report (DSR) approved by competent authority.

**13. “Building Stone, Granite or Khanda, Ballast (Gitti), Boulder Mining Project” at Araz No.: 60, Khand No.:06, Village: Jamala , Tehsil: Kulpahar, District: Mahoba, Shri Sachin Agarawal, Area: 0.708 Ha., 8206/SIA/UP/MIN/442759/2023**

The Secretariat informed the committee that the matter was earlier discussed in 769<sup>th</sup> SEIAA meeting dated 31/10/2023 and observed is as follows:

*“SEIAA noted that SEAC has recommended to grant ToR to the above project. SEIAA gone through file and documents and found that document related to DSR is not present in the file nor any thing is mentioned in MoM. Hence SEIAA opined to refer back the project to SEAC to review the case in light of various NGT orders.”*

As per the above decision of SEIAA, the matter was listed in 813<sup>th</sup> SEAC meeting dated 05/12/2023. The committee discussed the matter and directed the project proponent to submit the reply of queries raised by SEIAA.

The committee discussed the matter and noted that the above documents have not been submitted by the project proponent. Hence, the earlier query has not been resolved. The committee directed to submit above documents for further consideration of the matter.

**14. Building Stone, Khanda, Boulder, Ballast Mining Project at Araj No. 23, Khand No- 08, Village: Dasna, Tehsil: Moth, District: Jhansi, Shri Shyam Gupta, Area: 2.00 Ha., 8076/SIA/UP/MIN/439488/2023**

**RESOLUTION AGAINST AGENDA NO. 14**

The committee discussed the matter and directed the project proponent to submit District Survey Report (DSR) approved by competent authority.

**15. Sand/Morrum Mining Project at Dhasan River, Gata No.- 908 Na, Khand No.- 2, Village: Kharwanch, Tehsil Garautha & District: Jhansi, State: Uttar Pradesh., 5542/SIA/UP/CMIN/307624/202**

**RESOLUTION AGAINST AGENDA NO. 15**

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 Globus Environment Engineering Services. The project proponent informed the committee that the environmental clearance for the above project was issued by SEIAA, U.P. vide EC Identification no. EC21B001UP188973, dated 26/11/2021 for the mining leased area 20.0 ha with mining quantity 1,80,000 m<sup>3</sup>/annum.

The project proponent submitted online amendment application to decrease the mining quantity from 1,80,000 m<sup>3</sup>/annum to 1,00,891 m<sup>3</sup>/annum.

The committee observed that the project proponent has not been submitted any official govt. documents regarding change in mining quantity of the mining lease area. The committee discussed the matter and opined that a factual report from District Magistrate, Jhansi may be sought regarding decrease of mining quantity as submitted by project proponent/consultant.

The matter will be discussed after receipt of factual report from District Magistrate, Jhansi.

**16. Sand/Morrum Mining Project at Dhasan River, Gata No.- 1419 Kh, Khand No.- 1, Village: Dhamnaud, Tehsil Garautha & District: Jhansi, State: Uttar Pradesh., 5860/5578SIA/UP/CMIN/307619/2023**

**RESOLUTION AGAINST AGENDA NO. 16**

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 Globus Environment Engineering Services. The project proponent informed the committee that the environmental clearance for the above project was issued by SEIAA, U.P. vide EC Identification no. EC22B001UP110182, dated 18/11/2022 for the mining leased area 24.0 ha with mining quantity 2,50,000 m<sup>3</sup>/annum.

The project proponent submitted online amendment application to decrease the mining quantity from 2,50,000 m<sup>3</sup>/annum to 1,41,488 m<sup>3</sup>/annum.

The committee observed that the project proponent has not been submitted any official govt. documents regarding change in mining quantity of the mining lease area. The committee discussed the matter and opined that a factual report from District Magistrate, Jhansi may be sought regarding decrease of mining quantity as submitted by project proponent/consultant.

The matter will be discussed after receipt of factual report from District Magistrate, Jhansi.

**17. “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No. – 1, Village – Mahmoodpur Nagli Aehatmal, Tehsil – Behat & District - Saharanpur, Shri Mohd Azhar Javed, Area 15.70 Ha., 8460/SIA/UP/MIN/451658/2023**

The Secretariat informed the committee that the matter was earlier discussed in 815<sup>th</sup> SEAC meeting dated 13/12/2023 and recommended to issue the terms of reference for the preparation of EIA report. Subsequently, the matter was listed in 791<sup>th</sup> SEIAA meeting dated 16/01/2024 wherein:

*“SEIAA noted that SEAC has commented that the committee discussed the matter and gone through the Hon’ble NGT order dated 08/11/2023 passed in O.A. No. 188/2023 Gaurav Kumar Vs. State of U.P. & Ors. SEAC has recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes, with the remarks that the EC shall be processed after compliance of Hon’ble NGT order dated 08/11/2023. SEIAA opined to refer back the project to SEAC for appraisal and recommendation of DSR strictly as per MoEFCC letter no. F. No. L-11011/13/2021-IA-II (M) dated 04.12.2023.”*

As per the above decision of SEIAA, the matter was listed in 833<sup>rd</sup> SEAC meeting dated 15/02/2024. The committee discussed the matter and opined that the above matter will be discussed after compliance of above Hon’ble NGT order dated 08/11/2023.

**18. “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No. – 1&1 M village – Nityanandpur Aehatmal, Tehsil – Behat & District - Saharanpur, Shri Bilinder Kumar, Area 17.70 Ha., 8468/SIA/UP/MIN/451992/2023**

The Secretariat informed the committee that the matter was earlier discussed in 815<sup>th</sup> SEAC meeting dated 13/12/2023 and recommended to issue the terms of reference for the preparation of EIA report. Subsequently, the matter was listed in 791<sup>th</sup> SEIAA meeting dated 16/01/2024 wherein:

*“SEIAA noted that SEAC has commented that the committee discussed the matter and gone through the Hon’ble NGT order dated 08/11/2023 passed in O.A. No. 188/2023 Gaurav Kumar Vs. State of U.P. & Ors. SEAC has recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes, with the remarks that the EC shall be processed after compliance of Hon’ble NGT order dated 08/11/2023. SEIAA opined to refer back the project to SEAC for appraisal and recommendation of DSR strictly as per MoEFCC letter no. F. No. L-11011/13/2021-IA-II (M) dated 04.12.2023.”*

As per the above decision of SEIAA, the matter was listed in 833<sup>rd</sup> SEAC meeting dated 15/02/2024. The committee discussed the matter and opined that the above matter will be discussed after compliance of above Hon’ble NGT order dated 08/11/2023.

**19. “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No.-119/1 , 120/1 , 192/1 , 193/1 , 225/1,Village-Kaluwala Pahadipur, Tehsil – Behat & District - Saharanpur, Shri Manish Jaiswal, Area 14.90 Ha., 8470/SIA/UP/MIN/452071/2023**

The Secretariat informed the committee that the matter was earlier discussed in 815<sup>th</sup> SEAC meeting dated 13/12/2023 and recommended to issue the terms of reference for the preparation of EIA report. Subsequently, the matter was listed in 791<sup>th</sup> SEIAA meeting dated 16/01/2024 wherein:

*“SEIAA noted that SEAC has commented that the committee discussed the matter and gone through the Hon’ble NGT order dated 08/11/2023 passed in O.A. No. 188/2023 Gaurav Kumar Vs. State of U.P. & Ors. SEAC has recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes, with the remarks that the EC shall be processed after compliance of Hon’ble NGT order dated 08/11/2023. SEIAA opined to refer back the project to SEAC for appraisal and recommendation of DSR strictly as per MoEFCC letter no. F. No. L-11011/13/2021-IA-II (M) dated 04.12.2023.”*

As per the above decision of SEIAA, the matter was listed in 833<sup>rd</sup> SEAC meeting dated 15/02/2024. The committee discussed the matter and opined that the above matter will be discussed after compliance of above Hon’ble NGT order dated 08/11/2023.

**20. “Morrum Mining at Yamuna River Bed at Khand No.- 16/4 to 16/6, Village- Mahewa, Tehsil-Manjhanpur, District- Kaushambi, Smt. Anamika Karwariya. 8434/SIA/UP/MIN/450916/2023**

The Secretariat informed the committee that the matter was earlier discussed in 814<sup>th</sup> SEAC meeting dated 06/12/2023 and recommended to grant the environmental clearance for the project proposal along with general and specific conditions. Subsequently, the matter was listed in 790<sup>th</sup> SEIAA meeting dated 10/01/2024 wherein:

*“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file and documents and found that in mine plan approval letter no. 2022/7/27/143686 dated 26.12.2022 at point no. N it is mentioned that:-*

- 1. बेंच की ऊँचाई अधिकतम 01 मी0 एवं चौड़ाई न्यूनतम 10 मी0 होनी चाहिए। खनन कार्य अधिकतम 1.11 मी0 की गहराई तक या पानी के तल जो भी कम हो तक किया जायेगा। खनन कार्य जीरो लेवल से ऊपर की ओर किया जायेगा।*
- 2. खनन कार्य अधिकतम 03 मी0 की गहराई तक या पानी निकलने के तल, जो भी कम हो तक किया जायेगा।*

*Reason for mentioning bench height in morrum mining project is not clear. In point no. 1 it is mentioned that mining will be done till maximum depth of 1.11 m whereas at point no. 2 it is mentioned that mining will be done till maximum depth of 3 m. Hence SEIAA opined to refer back the project to SEAC.”*

As per the above decision of SEIAA, the matter was listed in 833<sup>rd</sup> SEAC meeting dated 15/02/2024. The project proponent/consultant present before SEAC and informed the committee is as follows:

- 1. According to the conditions mentioned in mine plan approval letter no. 2022/7/27/143686, Kaushambi dated 26/12/2022, the height of the bench is maximum 01 meter and width is 10 meters which will be complied during the mining activity by the project proponent.*
- 2. Mining reserves have been calculated by keeping depth as 1.11 meters.*
- 3. According to sustainable sand mining management guidelines, 2016 the ultimate depth of mining is 3.0 meters or above the ground water table whichever comes first.*
- 4. The mining will be done as per the depth used for the calculation of mineable reserves which is 1.11 meter or above the ground water table whichever comes first.*

**RESOLUTION AGAINST AGENDA NO. 20**

The committee has gone through the reply submitted by the project proponent seems to be satisfactory and recommended grant of environmental clearance for the project proposal along with environmental clearance conditions as earlier prescribed in 814<sup>th</sup> SEAC meeting dated 06/12/2023.

**Prof. Jaswant Singh)**  
**Member**

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

**(Dr. Dineshwar Prasad Singh)**  
**Member**

**(Tanzar Ullah Khan)**  
**Member**

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

**(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 Sand/Morum Mining Proposals**

**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 law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours' time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.

23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. 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. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).

42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Integrated Regional Office, MoEF&CC, GoI, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

**Specific Conditions:**

1. The Environmental clearance will be co-terminus with the mining lease period/mining plan whichever is earlier.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakkamotorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan 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.



21. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
26. If in future this lease area becomes part of cluster of equal to or more than 05 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. 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 area is less than 05 ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05 ha, the E.C issued will stand revoked.
30. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
31. The mining work will be open-cast and manual/semi mechanized (subject to orders). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
32. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
33. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
34. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
35. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
36. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
37. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
38. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
39. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. 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.
42. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. The project authorities 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 Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.
48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. 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.
50. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
51. Waste water from potable use be collected and reused for sprinkling.
52. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

**Annexure-2**

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

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.

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

groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

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

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

**Annexure-3**

**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 viz gutkha 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.