

### **Minutes of 763<sup>rd</sup> SEAC-1 Meeting Dated 13/06/2023**

The 763<sup>rd</sup> meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 13/06/2023. Following members participated in the meeting:

- |    |                             |                             |
|----|-----------------------------|-----------------------------|
| 1. | Shri Rajive Kumar,          | Chairman, SEAC              |
| 2. | Dr. Ajai Mishra,            | Member, SEAC-1 (through VC) |
| 3. | Dr. Ratan Kar,              | Member, SEAC-1              |
| 4. | Shri Om Prakash Srivastava, | Member, SEAC-1 (through VC) |
| 5. | Dr. Brij Bihari Awasthi,    | Member, SEAC-1              |
| 6. | Shri Umesh Chandra Sharma,  | Member, SEAC-1              |
| 7. | Shri Ashish Tiwari,         | Member-Secretary, SEAC-1    |

The Chairman welcomed the members to the 763<sup>rd</sup> SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. **Expansion of the Group Housing Project “Future Estate” at Plot No.: GH-16E, Sector-01, Greater Noida, Gautam Buddha Nagar, Shri Sandeep Arora, M/s Future World Green Homes Pvt. Ltd., File No. 7901/ 7609/ Proposal No. SIA/UP/INFRA2/429511/2023**

#### **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 Location: Plot No. MPC 01, Sector 72, Noida, District- Gautam Buddha Nagar, Shri Sanjay Goyal, M/s Skyline Propcon. Pvt. Ltd., File No. 7919/ Proposal No. SIA/UP/INFRA2/429868/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Aplinka Solutions & Technologies Pvt. Ltd. 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. MPC 01, Sector-72, Noida, Uttar Pradesh, M/s Skyline Propcon Pvt. Ltd.
2. The total plot area under possession is 12,341.30 m<sup>2</sup> and the proposed built-up area is 85,041.68 m<sup>2</sup>.
3. The proposed commercial property measuring 12,341.30 m<sup>2</sup> has been allotted to M/s Skyline Propcon Pvt. Ltd. in the auction by New Okhla Industrial Development Authority vide Land Allotment letter dated 27/02/2023.
4. Salient Features of the Project:

DESCRIPTION	DETAILS
Type of Project	Commercial Project
Project Proponent	M/s Skyline Propcon Pvt. Ltd.
Location	Plot No. MPC 01, Sector-72, Noida, Uttar Pradesh

Total Plot Area	12,3410.30 m <sup>2</sup>
Total Built-up Area	85,041.68 m <sup>2</sup>
Estimated Population	10,925 individuals
Total Water Requirement	664 KLD
Fresh Water Requirement	315 KLD
Solid Waste Generated	2,160 kg/day
Electrical load	5,423 kVA
DG Set(s)	04 Capacity: 2 x 2,000 kVA + 1 x 1,000 kVA + (1 x 1,000 kVA – Standby)
RWH Structure	04 RWH pits
Parking Required:	As per NBC 2016: 655 ECS As per NOIDA Building Byelaws 2010 (Amended 2015): 1,037 ECS
Parking Proposed:	1,038 ECS
Project Cost	₹263.30 Cr.

**5. Detailed Area Statement:**

S. No.	Description	Area (m <sup>2</sup> )	Percentage of Plot area
1	Total Plot Area	12,341.30	100
2	Permissible Ground Coverage (@50% of total plot area)	6,170.65	
3	Proposed Ground Coverage	6,078.88	49.26
4	Open Area (Total Plot Area - Proposed Ground Coverage)	6,262.42	
5	Required Green Area (50% of Open Area)	3,131.21	
6	Proposed Green Area	3,162.67	25.63
7	Area under Internal Road & Pavements	3,099.75	25.12
8	Permissible FAR including additional Green FAR (@420%)	51,833.46	
i	Permissible FAR (@4.00 of total plot area)	49,365.20	
ii	Additional Green Building FAR (@5% of permissible FAR)	2,468.26	
9	Total Proposed FAR (@419.44%)	51,791.21	
i	Proposed/Availed FAR (@3.987 of total plot area)	49,324.97	
ii	Additional Green Building FAR (@5% of Availed FAR)	2,466.25	
10	Permissible Service FAR Area (@15%)	7,775.02	
11	Proposed Service FAR Area (@14.97%)	7,764.08	
12	Total Non-FAR	25,486.39	
13	Built Up Area (9+11+12)	85,041.68	

**6. Water Requirement Details:**

S. No.	Particular	Occupancy	Area (sqm)	Water Demand per capita	Fresh Water (KLD)	Treated Water (KLD)	Total Water Demand (KLD)	Wastewater generation (KLD)
1	Floating Population (Visitors)	4,825		15	24.12	48.25	72.37	67.55
2	Staff Population	2,193		45	54.81	43.85	98.66	87.70
3	Restaurant Population	1,354		70	74.47	20.31	94.78	79.89
4	Food Court	1,528		35	38.18	15.27	53.45	45.81
5	Guest Room Population	1,026		180	123.12	61.56	184.68	160.06
6	Landscape Area		3,162.67	5.5 ltrs/sqm/day	0.00	17.39	17.39	0.00
7	DG Cooling (7,000 kVA)			1 ltr/kVA/hr	0.00	21.00	21.00	0.00
8	HVAC (1,350 TR)			9 ltr/TR/hr	0.00	121.50	121.50	0.00
	Total	10,925			314.71	349.14	663.84	441.01
	Round-off				315	349	664	440

**7. Waste Water Details (STP):**

DOMESTIC WATER REQUIREMENT	664 KLD
• Fresh Water	315 KLD
• Treated Water (Flushing + Horticulture)	349 KLD
Waste water generated (@80% fresh + 100% flushing)	440 KLD
STP Capacity	540 KLD

8. Solid Waste Generation Details:

S. No.	Particular	Occupancy	Area (in acres)	Waste Generated per person/kg/day	Waste Generation (kg/day)
1	Guest Population	1,026		0.5	513
2	Visitors Population	8,830		0.15	1,324.28
3	Staff Population	1,070		0.3	320.87
4	Landscape Area		0.78	0.2 kg/acre/day	0.16
Total					2,160

9. Total Parking Proposed: 1,038 ECS

10. The project proposal falls under Category 'B'; Schedule 8(a) of EIA Notifications, 2006 (as emended thereof).

The consultant (EIA Coordinator) also submitted an affidavit dated 15/05/2023 mentioning as follows:

1. I, Mr. Ashish Rana S/o Shri N.K. Rana is EIA Coordinator of Aplinka Solutions and Technologies Pvt. Ltd.
2. I have prepared the Proposal EC in Name of Commercial Project by M/s Skyline Propcon Pvt. Ltd. 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 the EC Application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal. In case the project is being uploaded for the 2nd time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EC Proposal for the Project 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. In case the project anticipates the generation of laundry or chemical waste in the future, PP shall ensure to provide ETP of adequate capacity for the treatment of the same.
2. 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.
3. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
4. 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.

5. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
6. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
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. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.

**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 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. Building Stone (Sandstone) , at Gata No.-597 Kha Village Khamhawajamti, Tehsil- Chunar, District- Mirzapur, Shri Mahendra Singh, Area -1.8 Ha., File No. 7921/ Proposal No. SIA/UP/MIN/430490/2023**

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

1. The environmental clearance is sought for “Building Stone (Sandstone) Mining” at Araj/Gata no.- 597 Kha, Village- Khamhawajamti, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area- 1.8 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/430490/2023
2.	File No. allotted by SEIAA, UP	7921

3.	Name of Proponent	Shri Mahendra Singh																	
4.	Full correspondence address of proponent and E-mail Id	R/o Village- Moharpur, Ahraura, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh mahendrasingh541818@gmail.com																	
5.	Name of Project	“Building stone (sandstone)” Mine at Gata No. – 597 Kha, Village- Khamhwajamti, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh.																	
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.- 597 Kha, Village- Khamhwajamti, Tehsil- Chunar, District-Mirzapur, Uttar Pradesh																	
7.	Category of Project	B <sub>2</sub>																	
8.	Name of Village	Khamhwajamti																	
9.	Tehsil	Chunar																	
10.	District	Mirzapur																	
11.	Name of Minor Mineral	Building Stone (Sandstone)																	
12.	Sanctioned Lease Area (in Ha.)	1.8 ha.																	
13.	Max. & Min mRL within lease area	Highest mRL is 223.40 & Lowest is 219.80 mRL																	
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillar</td><td>N</td><td>E</td></tr><tr><td>A</td><td>24°56'48.55"N</td><td>82°51'38.59"E</td></tr><tr><td>B</td><td>24°56'47.90"N</td><td>82°51'44.40"E</td></tr><tr><td>C</td><td>24°56'44.24"N</td><td>82°51'42.10"E</td></tr><tr><td>D</td><td>24°56'44.76"N</td><td>82°51'37.21"E</td></tr></table>			Pillar	N	E	A	24°56'48.55"N	82°51'38.59"E	B	24°56'47.90"N	82°51'44.40"E	C	24°56'44.24"N	82°51'42.10"E	D	24°56'44.76"N	82°51'37.21"E
Pillar	N	E																	
A	24°56'48.55"N	82°51'38.59"E																	
B	24°56'47.90"N	82°51'44.40"E																	
C	24°56'44.24"N	82°51'42.10"E																	
D	24°56'44.76"N	82°51'37.21"E																	
15.	Total Geological Reserves	1,128,798 m <sup>3</sup>																	
16.	Total Mineable Reserve (as per Approved Mine Plan)	5,29,704 m <sup>3</sup>																	
17.	Total Proposed Production (In 5 Years)	2,70,000 m <sup>3</sup>																	
18.	Proposed Production/year	54,000 m <sup>3</sup> /year																	
19.	Sanctioned Period of Mine lease	10 years																	
20.	Method of Mining	Opencast, Semi-Mechanized																	
21.	No. of working days	300																	
22.	Working hours/day	8																	
23.	No. of worker	52																	
24.	Type of Land	Pvt. land																	
25.	Ultimate of Depth of Mining	Upto 180 mRL																	
26.	Nearest metalled road from site	750 m																	
27.	Water Requirement	<table><tr><td>PURPOSE</td><td>REQUIREMENT (KLD)</td></tr><tr><td>Drinking</td><td>0.52 KLD</td></tr><tr><td>Suppression of dust</td><td>4.0KLD</td></tr><tr><td>Plantation</td><td>0.50 KLD</td></tr><tr><td>Others (if any)</td><td>-</td></tr><tr><td>Total</td><td>5.02 KLD</td></tr></table>			PURPOSE	REQUIREMENT (KLD)	Drinking	0.52 KLD	Suppression of dust	4.0KLD	Plantation	0.50 KLD	Others (if any)	-	Total	5.02 KLD			
PURPOSE	REQUIREMENT (KLD)																		
Drinking	0.52 KLD																		
Suppression of dust	4.0KLD																		
Plantation	0.50 KLD																		
Others (if any)	-																		
Total	5.02 KLD																		
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025																	
29.	Any litigation pending against the project or land in any court	No																	
30.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 3684/M.M.C.-30/2022-23 Dated on 24.03.2023																	
31.	Details of Lease Area in approved DSR	1.8 ha.																	
32.	Proposed CER cost	Rs. 1.6 Lakhs																	
33.	Proposed EMP cost	EMP cost is 5.5 lakhs as capital cost and 4.5 lakhs as recurring cost																	
34.	Distance of Haul Road	750 m																	
35.	No. of Trees to be Planted	250																	

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

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

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

The consultant (EIA Coordinator) also submitted an affidavit dated 23/05/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the EC report for the proposal "Building Stone (Sandstone) Mining" at Araj/Gata no.- 597 Kha, Village- Khamhawajamti, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area- 1.8 ha.) with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required submitted along with EC application are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

#### **RESOLUTION AGAINST AGENDA NO. 03**

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

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater

- harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
  10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
  11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
  12. The project proponent should explore the possibilities of rainwater harvesting.
  13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
  14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
  15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department.

**4. “Building stone (Khanda, Gitti, Boulders)” Project at Gata No.-482, Village- Singhanpur Baghari, Tehsil- Sadar, District- Mahoba, Shabra Khatoon, Area : 2.024 ha., File No. 7933/ Proposal No. SIA/UP/MIN/430827/2023**

The project proponent/consultant informed the committee that the environmental clearance for the above project was issued by District Level Environment Impact Assessment Authority (DEIAA), Mahoba vide its letter no. 225/Parya/DEIAA/Mahoba/2018, dated 01/12/2018 for the leased area 2.04 ha with mining quantity 20,240 cum/year.

Hon’ble National Green Tribunal, New Delhi passed an order dated 07/12/2022 in O.A. No. 142 of 2022 in the matter of Jayant Kumar Vs. Ministry of Environment, Forests and Climate Change. The operative part of dated 07/12/2022 is as follows:

*“...mining leases in which environmental clearance was granted by DEIAA in view of amendment notification dated 15.01.2016 are still continuing even after passing of order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) and issuance of OM dated 12.12.2018 by MoEF&CC without any re-appraisal by SEIAA and appropriate remedial action on the basis of such re-appraisal. All such mining leases in which environmental clearance was granted by DEIAA need to be brought in consonance with the directions given by Hon’ble Supreme Court in Deepak Kumar (supra) and order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) by re-appraisal by SEIAA and only such mining leases may be continued which have been on re-appraisal granted environmental clearance by SEIAA. MoEF&CC is, therefore, directed to take appropriate steps for compliance in this regard by issuance of requisite directions in exercise of the statutory powers under the Environment (Protection) Act, 1986. For this purpose, MoEF&CC is directed to collect information regarding such mining leases in which environmental clearance was granted by DEIAA and the period of which has not yet expired and are still continuing in all the States and Union Territories and by issuing appropriate directions for compliance with directions given by Hon’ble Supreme Court in Deepak Kumar (supra) and order dated 13.09.2018 passed by this Tribunal in Satendra Pandey (supra) by re-appraisal for grant of EC by SEIAA.”*

In compliance of above Hon’ble NGT order Ministry of Environment, Forests and Climate Change, Govt. of India issued an Officer Memorandum F.No. IA3-22/11/2023-IA.III(E-208230), dated 28/04/2023 wherein:

*“...all valid ECs issued by DEIAA shall be reappraised through SEAC/SEIAA in compliance to the order of the Hon’ble NGT in O.A. No. 142 of 2022. In view of above, it is hereby direction that all concerned SEACs shall re-appraise the ECs issued by DEIAAs between 15/01/2016 and 13/09/2018 (including both dates) and all fresh ECs in the regard shall be granted only by SEIAAs based on such appraisal. The exercise shall be completed within a period of one year from the date of issue of this OM. DEIAAs shall transfer all such files where ECs have been granted to concerned SEIAA within a time period of one month from issue of this OM”*

As per Office Memorandum dated 28/04/2023 issued by MoEFCC, Govt. of India the project proponent apply for reappraisal of environmental clearance issued by DEIAA on 01/12/2018. The

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

1. The environmental clearance is sought for “Building stone (Khanda, Gitti, Boulders)” Project at Gata No.-482, Village- Singhanpur Baghari, Tehsil- Sadar, District- Mahoba, U.P. (Leased Area : 2.024 ha.)Sabra Khatoon W/o Late Shoaib Ahmad
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/430827/2023		
2.	File No. allotted by SEIAA, UP	7933		
3.	Name of Proponent	Sabra Khatoon W/o Late Shoaib Ahmad		
4.	Full correspondence address of proponent	R/o- Vivek Nagar, Kabrai, Teh. & Distt. Mahoba U.P.		
5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 482		
7.	Name of Village	Singhanpur Baghari		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	2.024 ha.		
12.	Max.& Min mRL within lease area	152 mRL-128 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 29'- 20.88"N	79° 56'- 23.81"E
		B	25° 29'- 20.99"N	79° 56'- 26.53"E
		C	25° 29'- 19.81"N	79° 56'- 28.76"E
		D	25° 29'- 17.77"N	79° 56'- 27.97"E
		E	25° 29'- 16.73"N	79° 56'- 23.50"E
		F	25° 29'- 17.74"N	79° 56'- 21.73"E
		G	25° 29'- 19.64"N	79° 56'- 21.13"E
14.	Total Geological Reserves	972876 m <sup>3</sup>		
15.	Total Mineable Reserves	319052 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	101200 m <sup>3</sup>		
17.	Proposed Production / year	20240 m <sup>3</sup>		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	35 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Ultimate Depth of Mining	14 meter (average)		
23.	Nearest metallad road from site	300m		
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	

		Drinking & Others	0.40
		Suppression of dust	1.80
		Plantation	1.00
		Total	3.20
25.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh Servicing Environment and Development, Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity- 01/05/2024	
26.	Any litigation pending against the project or land in any court	No	
27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO (Khanan Anubhag) Mahoba vide Letter No. 228/MMC-30/2023-24, Dated- 17.05.2023	
28.	Details of Lease Area in approved DSR	Page No.- 87, S.No.- 86	
29.	Proposed CER cost	1.35 Lakh	
30.	Proposed EMP cost	EMP in First Year - 11.45 Lakh EMP (Recurring Years) – 7.00 Lakh	
31.	Length and breadth of Haul Road.	Length- 300m, Width- more than 6.0 m	
32.	No. of Trees to be Planted	1000	

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

The project proponent submit the compliances of office memorandum dated 28/04/2023 issued by MoEF&CC, Govt. of India wherein:

Sr. No.	Checklist points	Details
1.	Completely filled up Form-2 as per Ministry's OM dated 15.12.2021	Completely filled-up Form-2 has been already submitted along with the proposal in the Directorate.
2.	Pre-Feasibility Report (PFR) as per MOEF Guidelines dated 30.12.2010	PFR has already submitted along with the proposal in the Directorate.
3.	Valid Mine Lease Document	Lease deed executed for a period of 10 Years (08.01.2019 to 07.01.2029) (lease deed enclosed)
4.	Approved Mining Plan from the concerned Authorities	Mining Plan approval from DGM vide approval no.- 2023/1/9/172773 dated 10.01.2023 ((Enclosed)
5.	District Survey Report approved by SEIAA as per Ministry's Notification S.O 3611(E) dated 25.07.2018	SEIAA does not approve the DSR. The site is mentioned in the available DSR approved by Mining officer & District Magistrate, Mahoba at Page No.- 87, S.No.- 86. (Enclosed)
6.	Implementation of "Sustainable Sand Mining Management Guidelines, 2016" and "Enforcement & Monitoring Guidelines for Sand Mining, 2020" in case of sand mining proposals.	Not Applicable as this proposal is for Building stone (Khanda, Gitti, Boulders) mining.
7.	Details of forest land involved in the mine lease area and availability of Stage-I/II Forest Clearance (FC) for diversion of forest land for non-forestry purpose	No forest land is involved in the mine lease as well as no forest land comes within the radius of 5 km. Forest NOC has already been taken before the e-tendering process.
8.	Details of Eco Sensitive Zones (ESZ) and Eco Sensitive Areas (ESAS), National Parks, Wildlife Sanctuary, Coastal Zone, Water bodies and other ecological sensitive areas within/in the vicinity of the mine lease area and if so details of	None

	NOC/Clearances obtained.	
9.	If any Schedule-I species is present in the study area, proof of submission of Wildlife Conservation Plan to the Forest Department.	None
10.	Cluster Certificate from State Mines and Geology Department.	DMO (Khanan Anubhag) Mahoba vide Letter No. 228/MMC-30/2023-24, Dated- 17.05.2023 (Enclosed)
11.	Compliance of Hon'ble Supreme Court judgment dated 02.08.2017 passed in Common Cause vs Union of India Writ Petition (C) 114 of 2014.	Agreed All the conditions bearing in the Hon'ble Supreme Court judgment will be complied.
12.	Proposal of re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. in compliance to the direction dated 8th January, 2020 of Hon'ble Supreme Court in Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India & Ors.	The mining is confined within the lease boundary only. No mining activity will be done outside of the mine lease area in future. The mining area is stony barren land free from any vegetation. We will also fully comply with the direction of Hon'ble Supreme Court in Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India & Ors for the restoration of fodder, flora, fauna of the area.

The consultant (EIA Coordinator) also submitted an affidavit dated 22/05/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EMP report for EC in the name of Shabra Khatoon W/o Late Shoaib Ahmad for the "Building stone (Khanda, Gitti, Boulders)" Project at Gata No.-482, Village- Singhanpur Baghari, Tehsil- Sadar, District- Mahoba, U.P. (Leased Area : 2.024 ha.)) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 04**

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

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P

6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
12. The project proponent should explore the possibilities of rainwater harvesting.
13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department.

**5. Expansion of Proposed Group Housing - GH-06 at DA-1, High-tech City, Allahabad, U.P., M/s Omaxe Pancham Realcon Pvt. Ltd., Shri Ashish Kumar Upadhyay, File No. 7935/ Proposal No. SIA/UP/INFRA2/430773/2023**

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

1. The Environmental clearance is sought for Expansion of Proposed Group Housing - GH-06 at DA-1, High-tech City, Allahabad, U.P., M/s Omaxe Pancham Realcon Pvt. Ltd.
2. Environmental clearance for the existing project was issued by SEIAA, U.P. vide letter no. 322/Parya/SEIAA/4929/2019, dated 16/09/2020 for the plot area 36,313.45 sqm and built up area 39397.656 sqm respectively.
3. Certified compliance report for the existing project was issued by IRO, MoEF&CC, Lucknow vide letter no. VII/Eng/SCL-UP/2089/44, dated 27/04/2023.
4. Comparative details of existing and expansion project:

S.No.	Description	Quantity As per Previous EC	Quantity After Proposed Expansion	Unit
<b>GENERAL</b>				
1	Gross Plot Area	43142.79	43492.14	SQMT
2	Area Under Rd Widening	6829.34	2030.00	SQMT



3	Net Plot Area	36313.45	40222.67	SQMT
4	Proposed Built Up Area	39397.656	48593.70	SQMT
5	Total no of Saleable DU's	216	304	No.
6	Max Height of Building (Upto Terrace of store)	14.95	14.95	M
7	Max No of Floors	G+3+Store	G+3+Store	No.
8	Expected Population (Residential+ Floating + Workers)	1237	1872	No.
9	Cost of Project	33.245	98.06	CR
<b>AREAS</b>				
10	Permissible Ground Coverage Area (40%)	14525.38	16089.07	SQMT
11	Proposed Ground Coverage Area	8237.77	12946.44	SQMT
12	Permissible FAR Area (2.5)	90783.63	100556.68	SQMT
13	Proposed FAR Area (.94)	34091.44	45883.49	SQMT
14	Non FAR areas	5306.22	2710.21	SQMT
15	Proposed Total Built Up Area	39397.66	48593.70	SQMT
<b>WATER</b>				
16	Total Water Requirement	116.29	239.72	KLD
17	Fresh water requirement	81.96	156.48	KLD
18	Treated Water Requirement	34.33	89.28	KLD
19	Waste water Generation	82.30	203.42	KLD
20	Proposed Capacity of STP	100	250	KLD
S.No.	Description	Quantity As per Previous EC	Quantity After Proposed Expansion	Unit
21	Treated Water Available for Reuse	65.84	89.28	KLD
22	Surplus treated water to be discharged in Municipal Sewer	31.51	114.14	KLD
<b>RAIN WATER HARVESTING</b>				
23	Rain Water Harvesting Potential	12155.37	800	KL
24	No of RWH of Pits Proposed	9	11	No.
<b>PARKING</b>				
25	Total Parking Required as / Building Bye Laws	285	418	ECS
26	Proposed Total Parking	285	418	ECS
<b>GREEN AREA</b>				
27	Required Green Area (15% of plot area)	5447.02	6033.40	SQMT
28	Proposed Green Area (15% of plot area)	6896.00	6036.68	SQMT
<b>WASTE</b>				
29	Total Solid Waste Generation	0.59	0.61	TPD
30	Organic waste	0.36	0.37	TPD
31	Quantity of E-Waste Generation- Kg/Day	3.70	4.81	KG/DAY
32	Quantity of Hazardous waste Generation	1.01	1.5	LPD
33	Quantity of Sludge Generated from STP	55	70	KG/DAY
<b>ENERGY</b>				
34	Total Power Requirement	1600	1677.86	KVA
35	DG set backup	1500	2x500 KVA +1x600 KVA =1600 KVA	KVA
36	No of DG Sets	2	3	No

**5. Salient Features of the Project:**

Name and Location of the Project	Expansion of Proposed Group Housing Project – GH-06 at DA – 1 High-tech City, Allahabad, Uttar Pradesh
Total Plot Area	40222.67 sq.m. (4.02 Hectares approx)
Built-up Area	48593.70 sq.m
Water Requirement & Source	Fresh water : 156.48 KLD after proposed expansion (from Ground water) Reuse of treated effluent as received from the STP : 89.28 KLD after proposed expansion Total water requirement: 245.76 KLD after proposed expansion
Power Requirement & Source	Power requirement will be 1677.86 KVA which will be tapped from State Electricity Board.

Power Backup	Backup DG Sets will be used 2 Nos @ (500 KVA) & 1 Nos @ (600 KVA) = 1600 KVA after proposed expansion
Total Parking Proposed	Parking after Proposed Expansion – 418 ECS (+ 10% Visitors parking)
Solid Waste to be Generated	Approx. 0.57 TPD Horticulture Waste : 15.0 kg /Day
Total Project Cost	After proposed expansion Rs. 98.06 Crore (Rs. 9806 Lakh)
Solar Lights	Solar based lighting (10 % of total power requirement) will be provided.
Facilities	Group Housing Project consisting different facilities like Banquet Lawn, Pool, Club etc.
Detail Area Statement with no. of dwelling units/shops & building height	The Expansion of proposed Group Housing Project has 304 Nos of Flat G+3+Store
Maximum Height	Approx. 14.95
Rain water harvesting pits	11 Pits
Total population	1872
Power requirement& source	After expansion of proposed power requirement for flat will be 1677.86 KVA which will be tapped from State Electricity Board.
Power backup	After Expansion of Proposed Project 2 No @ (500 KVA) & 1 No @ (600 KVA) DG Sets will be used for Backup
Total Project Cost	After Proposed Expansion Rs. 98.06 Crore (Rs. 9806 Lakh)
Water requirement & source	Fresh water : 156.48 KLD after proposed expansion (from Ground water) Reuse of treated effluent as received from the STP : 89.28 KLD after proposed expansion Total water requirement: 245.76 KLD after proposed expansion
Sewage treatment & disposal	The waste water generated from proposed Group housing project (i.e., 203.42 KLD) would be treated in the STP of capacity 89.28 KLD. Recycled water shall be used after tertiary treatment i.e., 78.24 KLD water for flushing, 5 KLD for DG Set Cooling and 6.04 KLD for horticulture uses.
Total solid waste generated	0.45 Tons / Day – Municipal waste & 160 kg/day – Horticulture waste will be generated, segregated and disposed as per Solid Waste Management Rules 2016 through approved agency for Handling & disposal solid waste.
Connectivity	The Project site is well connected to the Major National highways NH 76, NH 27, NH 2, NH 96 and SH 9 which are situated at 2.27 Km South-West, 4.12 Km North-West, 4.46 Km North-East, 6.27 Km North-West and 7.19 KM North-West from the project site. Almost all the surrounding and nearby areas are connected with network of roads. Naini Railway Station is around 3 km in North-West direction & Allahabad Junction Railway Station is around 8.62 km North-West, the nearest airport is Allahabad Airport approx.- 15.01 km in North West from the project.

6. During operation phase, the total quantity of one-time water requirement after expansion of proposed group housing is 239.72 KLD. Fresh Water requirement of 156.48 KLD would be met from the ground water. Approx 203.42 KLD waste water will be generated from the project and treated (up to tertiary treatment) in the STP of 250 KLD. Recycled water as received from STP shall be used after tertiary treatment i.e., 78.24 KLD water for flushing, 5 KLD for DG Cooling and 6.04 KLD water for the horticulture uses. The daily water requirement calculation is given below in Table 3:

<b>Water/ Waste water Details:</b>	
Fresh water	156.48 KLD
Flushing	78.24 KLD
Horticulture / Landscape	6.04 KLD
DG set cooling	5.0 KLD
Total water required	239.72 KLD
Waste water (@ 80% Fresh + 100% Flushing)	203.42 KLD
STP Capacity (20% extra)	250 KLD
Water Source - Construction phase: Municipal supply augmented with private water tankers, Operational phase: Municipal supply	

7. Parking details:

Parking Required	418 ECS
Proposed no. of Parking in Phase-1 & 2A (On Surface)	312
Proposed no. of Parking in Phase-2B (On Surface)	106
Total Proposed no. of Parking in Phase-1, 2A & 2B	418 ECS
Visitor's Parking (10% of total parking)	42

8. Solid Waste Generation Details:

S. No.	Category	Population	kg per capita per day	Waste generated (kg/day)	Waste generated (MT/day)
1	Achieved Flats (Phase-1, Phase-2A, Phase-2B) & Floating Population	1672	0.25 kg/day	418	0.41
5	Workers	200	0.15 kg/day	30	0.03
6	Horticulture Waste (Area-10.66 acres)	-	15 kg/acre/day	160	0.16
	Total	1872		607.9	0.6079 or 0.61

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

The consultant (EIA Coordinator) also submitted an affidavit dated 10/06/2023 mentioning as follows:

1. I, Anubhav Singh, S/o Shri Bhupendra Pratap Singh is EIA Coordinator of M/s Environmental and Technical Research Centre.
2. I have prepared the Form-1, Forma 1A, and Conceptual Plan for Expansion of Proposed Group Housing - GH-06 at DA-1, High-tech City, Allahabad, U.P., M/s Omaxe Pancham Realcon Pvt. Ltd. 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 the Application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal. I
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 Form-1, Forma 1A, and Conceptual Plan for the Project is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 05**

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

**Additional Conditions:**

1. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
2. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.

5. 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.
6. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
7. 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.

**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.

**6. Clinker Grinding Unit of 2,00,000 TPA Cement (OPC, PPC) at Plot No C-19,20 UPSIDA-II, Industrial Area, District- Raebareli, U.P., Shri Akhilesh Pandey, M/s Elephant Cements Private Limited., File No. 7939/ 7626/ Proposal No. SIA/UP/IND1/430951/2023**

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

1. The environment clearance is sought for Clinker Grinding Unit of 2,00,000 TPA Cement (OPC, PPC) at Plot No C-19,20 UPSIDA-II, Industrial Area, District- Raebareli, U.P., M/s Elephant Cements Private Limited.
2. The standard terms of reference in the matter were issued through online Parivesh Portal on 15/02/2023.

3. The public hearing was organized on 15/05/2023. Final EIA report submitted by the project proponent on 28/05/2023.

4. Proposed production details:

Name of unit/facilities	Proposed unit	Production Capacity (TPA)
Clinker grinding Unit (Ball Mill)	1 x 25 ton per hour	2,00,000 TPA Cement (OPC, PPC)

5. Land use details:

S. No.	Particulars	Area	
		(Sq. m)	Percentage (%)
1.	Covered area (Clinker, Gypsum Yard & Cement Mill Hoppers, cement silo, fly ash silo, MCC room, packing plant, Cement silo, Cement mill Building)	2623.67	21.76
2.	Greenbelt	3978.5	33
3.	Paved area (Road, parking etc.)	1500	12.44
4.	Open Area	3953.83	32.8
	Total	12056	100

6. Raw material details:

S. No.	Raw Material	Proportion, % by weight	Quantity (TPA)	Source	Mode of Transportation
Raw Material Requirements for OPC, Source & Transportation					
1	Clinker	95	1,90,000	Madhya Pradesh, Chhattisgarh, Rajasthan, etc	By Road
2	Gypsum	5	10000	Bikaner/Imported	By Road
Raw Material Requirements for PPC, Source & Transportation					
1.	Clinker	65	1,30,000	Madhya Pradesh, Chhattisgarh, Rajasthan, etc	By Road
2.	Gypsum	5	10,000	Bikaner/Imported	By Road
3.	Fly ash	30	60,000	JP Bara/NTPC Meja /NTPC Unchahar/Renukoot/NTPC Tanda	By Road

7. Water and power requirement details:

Sl. No.	Type	Requirement	Permission Details	Remark
1	Power/Energy	35 to 38Kwh/T	UPSEB	Further, a DG set of 75.0 KVA as an alternate of power requirement for lighting will be installed.
2	Fresh Water	9.52 KLD	Application will be made to CGWA for obtaining NOC for ground water withdrawal	-

8. The project proposal falls under category-3(b) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 27/05/2023 mentioning is as follows:

- I, Ramsushil Mishra, S/o Shri I.P. Mishra is EIA Coordinator of M/s Parivesh Environmental Engineering Services, Lucknow.
- I have prepared the EIA/EMP report for the proposal No. SIA/UP/IND1/430951/2023 of proposed Clinker Grinding Unit of 2,00,000 TPA Cement (OPC, PPC) at Plot No C-19,20 UPSIDA-II, Industrial Area, District- Raebareli, U.P., M/s Elephant Cements Private Limited with my team.
- 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.
- I am satisfied that all the necessary data/information submitted along with Application/EIA/EMP are true and correct.
- 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.
8. The EIA/EMP application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO-06**

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

**Additional conditions:**

- I. Project proponent should explore the possibility of reducing ground water usage and try to minimize in the future.
- II. Three tier green belts shall be developed with native species all along the periphery of the project. Site survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years (Miyawaki method to be adopted for plantation)
- III. Performance test shall be conducted on all pollution control system every year and report shall be submitted to Regional office of the MoEF and CC.
- IV. Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface.
- V. Properly covered vehicles shall be used while transporting material and product.
- VI. Allergy test should also be included in health checkup of works.

**Standard environmental clearance conditions:**

- I. Statutory compliance
  - i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  - ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  - iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
  - iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the State pollution Control Board.
  - v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
  - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- II. Air quality monitoring and preservation
  - i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25<sup>th</sup> August, 2014 (Cement) and subsequent amendment dated 9<sup>th</sup> May, 2016 (Cement) and connected to

- SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
  - iii. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at two locations (one within and one outside the plant area), covering upwind and downwind directions .
  - iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
  - v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
  - vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
  - vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
  - viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
  - ix. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
  - x. Provide wind shelter fence and chemical spraying on the raw material stock piles.
  - xi. Have separate truck parking area and monitor vehicular emissions at regular interval.
  - xii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.
  - xiii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants

**III. Water quality monitoring and preservation:**

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (Case to case basis small plants: Manual; Large plants: Continuous).
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to Zero Liquid Discharge.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
- vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.

- ix. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- IV. Noise monitoring and prevention
  - i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  - ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- V. Energy Conservation measures
  - i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
  - ii. Provide the project proponent for LED lights in their offices and residential areas.
  - iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
- VI. Waste management
  - i. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
  - ii. Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant).
- VII. Green Belt
  - i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
  - ii. The industry shall develop green belt as per the map provided by the PP and adopt area in existing industrial area to compensate 33% green belt.
  - iii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- VIII. Public hearing and Human health issues
  - i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - ii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
  - iii. 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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  - iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- IX. Corporate Environment Responsibility
  - i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  - ii. 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 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.

- iii. 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 report to the head of the organization.
- iv. 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.
- v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.

**X. Miscellaneous**

- i. Under CER activity as committed ambulance for handicapped, equipped with medical facilities may be provided.
- ii. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- iii. 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.
- iv. 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.
- v. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- vi. 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.
- vii. The project proponent shall submit the environmental statement for each financial year in Form-V to the State Pollution Control Board as prescribed under the Environment (Protection) Rules , 1986, as amended subsequently and put on the website of the company.
- viii. 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.
- ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x. 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.
- xi. 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).
- xii. 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.
- xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv. The Ministry reserves the right to stipulate additional conditions if found necessary.
- xv. The Company in a time bound manner shall implement these conditions.
- xvi. 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 g reports.

- xvii. 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.
- xviii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**7. Building Stone (sandstone) mine at Gata No. 12Mi, Village- Chaklathiya, Tehsil- Chunar, District- Mirzapur, M/s Utsav Enterprises, Shri Bhupendra Singh, Area 2.02 ha., File No. 7591/7031/ Proposal No. SIA/UP/MIN/300391/2023**

The Secretariat informed the committee that the environmental clearance for the above project was issued by SEIAA, U.P. vide EC Identification no. EC23B001UP128556, dated 24/03/2023 for the mining leased area 2.02 ha with mining quantity 60,600 m3. The project proponent submitted an online amendment application on Parivesh Portal on 17/05/2023 through which they have informed that the mining site location in EC letter mentioned as Gata No. 02/1, Village-Chaklathiya, Tehsil & District-Mirzapur instead of Gata No. 12 Mi, Village-Chaklathiya, Tehsil-Chunar, District-Mirzapur. The project proponent requested the committee to correct the mining site location details mentioned in EC letter dated 24/03/2023.

**The committee discussed the matter and recommended to amend the location of mining site as “Gata No. 12 Mi, Village-Chaklathiya, Tehsil-Chunar, District-Mirzapur” in EC letter dated 24/03/2023. All the other contents mentioned in environment clearance letter dated 24/03/2023 shall remain the same.**

**8. Development of Commercial Complex Project (Shopping Malls, Showrooms, Retail Outlets, Hotels, Restaurants, Offices and Such other Commercial uses), Plot No.- E-01, Sector-51, Noida, Gautam Budh Nagar, Shri Deep Ramesh Goradia, M/s INGKA Centres India Pvt. Ltd., File No. 7745/5807/ Proposal No. SIA/UP/INFRA2/424190/2023**

The project proponent/consultant informed the committee that the matter was earlier discussed in 744<sup>th</sup> SEAC meeting dated 28/04/2023 and directed the project proponent to submit following information:

1. PP should submit the permission/NOC for availability of Water required for construction use and for domestic purposes after the establishment of the project from concerned/Noida Authority.
2. Proposal for Sewage Treatment Plant (STP) and Municipal solid waste treatment for disposal and treatment specific to the project. Along with a revised layout plan showing the location and required area for these facilities. Clear commitment regarding treatment of generated sewage and proper disposal of MSW.
3. Revised Plan for parking along with electric vehicle charging station in the premises.
4. Revised plan for rain water harvesting (Recharging and storage of rainwater) with detail such as availability of water from rainwater harvesting and uses.
5. The discussion held during the meeting regarding the permission from Airport Authority with regard to the proposed (under development) International Jewar Airport District Gautam Buddha Nagar, the project representatives assured that they will submit the clarification/NOC for the same.
6. Plan for dual pipeline network in the project for utilization of treated water (STP) for different

- purposes and also provide the monitoring mechanism for the same.
7. Revised proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with green belt layout plan/map. Adopt Miyawaki plantation method.
  8. Provide the details of water requirement with supply source. Submit the MoU with concerned authority for STP treated water use in construction activity as proposed.
  9. EIA coordinator to submit notarized affidavit as per prescribed format.
  10. PP to submit Land allotment letter and chronology of allotment of the same plot from the Noida Authority.
  11. PP to submit the revised Corporate Environment Responsibility (CER) as per the MoEF & CC guidelines.
  12. Latest site photographs of the project site along with date, time and geo coordinates.
  13. Revised proposal for STP with respect to the specific project and also provide the proposal for utilization of treated water in various uses of project to reduce the requirement of fresh water consumption.

The project proponent submitted their replies through online Parivesh Portal on 19/05/2023 and the matter was listed for reply presentation in 763<sup>rd</sup> SEAC meeting dated 13/06/2023. A presentation was made by the project proponent along with their consultant M/s Ascenso Enviro Pvt. Ltd. The committee discussed the matter and observed that some reply of queries was found not satisfactory. Hence, the committee directed the project proponent to submit following documents:

1. Project proponent should revisit the proposed CER.
2. Structural stability vetted by Govt. institution.
3. Details of hard and soft green area.
4. EIA coordinator affidavit on prescribed format.

The matter will be discussed after submission of above documents through online portal.

**9. Group Housing Project “Panchsheel Wellington – Phase II” at Plot No. 06, Crossings Republik, Village – Dundhahera, District – Ghaziabad, Shri Gulshan Kumar Dua, M/s Panchsheel Buildtech Pvt Ltd., File No. 5101/ Proposal No. SIA/UP/MIS/300330/2023**

The Secretariat informed the committee that the environmental clearance for the above project was issued by SEIAA, U.P. vide letter no. 138/Parya/SEIAA/5101/2019, dated 23/06/2020 for the plot area 4,607 sqm and built up area 30,066.532 sqm respectively.

The project proponent through letter dated 25/04/2023 informed that Environment Clearance has been taken for the project considering the built-up area of 30,066.532 sqm. However, when we approached Ghaziabad Development Authority [GDA] for sanction of our maps, it has been pointed out by that there has been some computational error in calculating built-up area since ‘balcony area’ has not been included in the Built-up Area. After including the balcony area in built-up area, the total built-up area becomes 32,944.085 sqm. Therefore, to seek sanction of maps from GDA, we need to apply for amendment in EC on the revised built-up area i.e. 32,944.085 sqm. However, the other entire configuration relating to the project remains intact. There is no increase in pollution load, no increase in dwelling units, water consumption, parking area, green area etc. because of the proposed amendment in EC. Hence, the project proponent applied for amendment in environmental clearance through online Parivesh portal on 16/05/2023.

A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. The proponent, through the documents submitted and the presentation made, informed the committee that:-



1. The amendment in environmental clearance is sought for Group Housing Project “Panchsheel Wellington – Phase II” at Plot No. 06, Crossings Republik, Village – Dundhahera, District – Ghaziabad, U.P., M/s Panchsheel Buildtech Pvt Ltd.
2. Details of existing proposal and proposed amendment in E.C letter dated 23/06/2020:

S.No.	Particulars	Tower	Existing Configuration as per EC (In sqm)	Configuration after amendment in EC (In sqm)	Final Configuration after amendment in EC (In sqm)	Whether change in configuration or not
<b>Proposed Group Housing “Panchsheel wellington Phase – II”</b>						
1.	Total Plot Area		4607.00	4607.00	4607.00	Same
2.	Built-up Area and its Calculations:					Same
	F.A.R.	Tower R7 Tower R8	9356.156 9582.962	9356.156 9582.962	18939.118	Same
	Non F.A.R.	Tower R7 Tower R8	698.615 698.615	698.615 698.615	1397.23	Same
	Mumty Machine Room	Tower R7 Tower R8	66.72 66.72	66.72 66.72	133.44	Same
	Basement Area	Tower R7 Tower R8	4253 4253	4253 4253	8506	Same
	Stilt Area	Tower R7 Tower R8	658.777 431.967	658.777 431.967	1090.744	Same
3	<b>Balcony Area</b>	<b>Tower R7 Tower R8</b>	<b>0 0</b>	<b>1428.28 1449.28</b>	<b>2877.56</b>	<b>Change</b>
	<b>Total Built-up Area</b>		<b>30066.532 sqm (Excluding balcony)</b>	<b>32944.085 sqm (Including balcony)</b>	<b>32944.085 sqm</b>	<b>Change</b>

S. N.	Particulars	Existing Configuration as per EC (In sqm)	Configuration after amendment in EC (In sqm)	Final Configuration after amendment in EC (In sqm)	Whether change in configuration or not
<b>Other Details</b>					
1.	No of dwelling unit	224 D.U.	224 D.U.	224 D.U.	Same
2.	Total Water Requirement	106 KLD	106 KLD	106 KLD	Same
3.	Fresh Water	71 KLD	71 KLD	71 KLD	Same
4.	Total Waste water	87 KLD	87 KLD	87 KLD	Same
5.	Sewage Treatment Plant	110 KLD	110 KLD	110 KLD	Same
6.	Green Area	783.20 sqm	783.20 sqm	783.20 sqm	Same
7.	RWH Pits	2 Pits	2 Pits	2 Pits	Same
8.	Solid waste generation	606 kg/day	606 kg/day	606 kg/day	Same
9.	Proposed Parking	293 ECS	293 ECS	293 ECS	Same
10.	Power Demand	800 KVA	800 KVA	800 KVA	Same
11.	Source of Power	Pashimanchal Vidyut Vitran Nigam Limited	Pashimanchal Vidyut Vitran Nigam Limited	Pashimanchal Vidyut Vitran Nigam Limited	Same
12.	DG Set capacity	500 KVA * 1 No	500 KVA * 1 No	500 KVA * 1 No	Same

The project proponent requested to amend the environmental clearance dated 23/06/2020 as per above project details.

**RESOLUTION AGAINST AGENDA NO-09**

The committee discussed the matter and observed that there is no increase in pollution load, dwelling units, water consumption, parking area, green area and other proposed facilities. Hence, the committee recommended to amend the environmental clearance letter no. 138/Parya/SEIAA/5101/2019, dated 23/06/2020 as per above project details. All the other contents mentioned in Environmental Clearance letter dated 23/06/2020 shall remain the same.

**10. Group Housing Project at Plot No. SC-02/E, Sector- 150, Noida, District- Gautam Buddha Nagar, Shri Dinesh Kumar Gupta, M/s Samridhi Buildmart Pvt. Ltd., File No. 6221/ Proposal No. SIA/UP/MIS/208311/2021**

The Secretariat informed the committee that the matter was earlier discussed in 551<sup>st</sup> SEAC meeting dated 22/07/2021 and directed the project proponent to submit certified compliance report for December, 2020 and June, 2021 regarding the project.

The project proponent submitted the certified compliance report issued by Integrated Regional Office, Lucknow, MoEFCC vide letter no. 601663/2022/Environment (CZ) dated 31/01/2022 along with action taken report on the issues raised in certified compliance report.

The committee discussed the matter and recommended to constitute a joint committee to visit the site and provide factual status of the project. SEAC nominates Sri Umesh Chandra Sharma in this committee and in case SEIAA desires, it may nominate one or two members from SEIAA or any officer of UP Pollution Control Board or Directorate of Environment, U.P. in this committee for site visit.

The Secretariat issued a letter no. 387/Parya/ SEAC/6221 /2021, dated 20<sup>th</sup> June, 2022 to members of sub-committee to inspect the above project site and provide the factual report to SEIAA for further necessary action. The subcommittee visited the site on 16/08/2022 and submitted the site visit report. The site visit report put up before SEAC in its 726<sup>th</sup> SEAC-1 Meeting Dated 07/02/2023 and the committee directed to defer the matter for next SEAC meeting.

The matter was again listed in 763<sup>rd</sup> SEAC meeting dated 13/06/2023. The committee has gone through the subcommittee report and observed that the subcommittee in its site visit report mentioned that **“It seems that the construction is going on as per revised building plan without getting revised Environment clearance and it is the violation of EIA notification 2006”**.

The committee also gone through the reply submitted by the project proponent on factual report and PP submitted is as follows:

1. Earlier EC was granted by MOEF&CC vide letter no. 21-133/2017 dated 10/08/2017 on concept plan.
2. The latest building plan was approved by Noida Authority on 16<sup>th</sup> January 2019 and the construction was started as per revised building plan and the population has been calculated as per NBC 2016.
3. Comparative statement of the project is as below:

S.No.	Particulars	Quantity as per previous EC	Quantity as per revised Proposal	Difference	Percentage	Unit
1	Plot Area	32519.22	32519.22	No Change	0	Sq.m.

2	Built Up Area	127883.1	119857.7	-8025.4	-6.27	Sq.m.
3	FAR Proposed	65021.32	68290.362	3269.04	5.02	Sq.m.
4	DUs	628	455	-173	-27.55	No.
5	No. of Tower	8	7	-1		No.
6	Residential Population	2826 (@4.5)	2877 (as per NBC 2016, 3BHK @ 6, 4&5 BHK @ 7)	+51	+1.80	No.s
7	Green Area	14405.028	14325.1	-79.928	-0.55	Sq.m.
8	Parking	1698	1267	-431	-25.38	ECS
9	Total Water Requirement	298	295	-3	-1.0	KLD
10	Total Waste Generation	1.50	1.58	0.08	5.33	TPD

### **RESOLUTION AGAINST AGENDA NO-10**

The committee discussed the matter and opined that as per definition of violation prescribed in MoEF&CC, Govt. of India SOP dated 07<sup>th</sup> July 2021 and the committee in unanimous view that the project is not covered under violation category. Hence, the committee and recommend to amend the environmental clearance letter no. 21-133/2017 dated 10/08/2017 as per above details. Rest all the conditions mentioned in Environment clearance letter no. 21-133/2017, dated 10/08/2017 shall remain the same.

### **11. Joint Committee report dated 15.05.2023 received from UPPCB regarding Hon'ble NGT, New Delhin order dated 04.07.2022 in OA-212/2021 (Earlier Appeal No. 16/2021) Sand/ Morrum Mining at Gata No.- 2558, 2563, Khand No.- 05, Village- Bandhauri, Tehsil- Urai, District- Jalaun, Shri Rupesh Kumar Chauhan, Area-12.145 Ha., File No. 4081 Proposal No. SIA/UP/MIN/72949/2018**

The Secretariat informed the committee that the above matter was earlier discussed in 703<sup>rd</sup> SEAC meeting dated 23/11/2022 in compliance of Hon'ble NGT, New Delhi order dated 04/07/2022 in OA No. 212/2021 (Earlier Appeal No. 16/2021) wherein:

*“The committee gone through the Hon'ble National Green Tribunal order dated 04/07/2022 passed in OA No. 212/2022 and opined that the site visit of each mining lease should be undertaken by a joint committee comprising Mining Officer, Jalaun, Regional Officer, UPPCB and Member nominated by District Magistrate, Jalaun regarding the compliance of Environmental Clearance conditions imposed by SEIAA, U.P. and submit the report to SEIAA.”*

The committee has gone through the file and documents and observed that the compliance report of Environmental Clearance conditions imposed by SEIAA, U.P. is still awaited in the matter as per earlier decision of SEAC. The committee directed the Secretariat to send a reminder letter to provide compliance report of EC conditions imposed by SEIAA for further consideration of the matter.

In compliance of above Hon'ble NGT order District Magistrate, Jalaun form a joint committee to inspect the mining site and submit the inspection report to District Magistrate. The Joint committee inspects the mining sites on 06/04/2023 and provided the inspection report to SEIAA, U.P. by UP Pollution Control Board, Lucknow letter no. G40719/C-2/Sa-575/23, dated 15/05/2023.

The above inspection report put up by the Secretariat in 736<sup>th</sup> SEAC meeting dated 13/06/2023. The committee has gone through the inspection report and opined that the above

inspection report should be shared with project proponent/consultant with the direction to submit reply of the points mentioned in inspection report and make presentation before SEAC.

The matter will be discussed after receipt of reply submitted by the project proponent/consultant.

**12. नगर पालिका परिषद्, हाथरस में राज्य सैक्टर कार्यक्रम के (पेयजल हेतु व्यवस्था) योजना के अन्तर्गत स्वीकृत हुये कार्यों के कराये जाने हेतु पर्यावरणीय क्लियरन्स के सम्बन्ध में विचार-विमर्श।**

The Secretariat informed the committee that Deputy Collector/Executive Officer, Nagar Palika Parishad, Hathras submit a letter no. 1849/Ja.Ka.Au./2023-24, dated 30/05/2023 through which they have informed that Nagar Palika Parishad, Hathras sanctioned the following development work under the State Sector Programme along with the condition to obtained environmental clearance from the competent authority before start of work:

क्र०सं०	कार्य का नाम
1.	वाटर वर्क्स के प्रांगण में 01 नग नवीन नलकूप के अधिष्ठापन का कार्य।
2.	मुख्य पम्पिंग स्टेशन के पीछे 01 नग नवीन नलकूप के अधिष्ठापन का कार्य।
3.	01 नग 2000 एल०एच०पी० आ० ओ० प्लांट टन चिलर प्लांट मय निर्माण कार्य एवं वाट रिचार्ज पिट सहित।
4.	वार्ड संख्या-26 में ढकपुरा रोड पर पाईप लाईन डालने जाने का कार्य।
5.	वार्ड संख्या-26 में नयाबांस में विभिन्न गलियों में एस०डी०पी०आई० पाईप लाईन डाले जाने का कार्य।
6.	वार्ड संख्या-26 में नगला महेन्द्र में विभिन्न गलियों में एच०पी०आई० पाईप लाईन डाले जाने कार्य कार्य।
7.	नीवन नलकूल को सी०डब्ल्यू०आर० से जोड़ने हेतु 200 एम०एम० डाय की डी०आई० के-7 पाईप लाईन डाले जाने का कार्य।
8.	वार्ड संख्या-26 में नगला महेन्द्र (ढकपुरा रोड) में विभिन्न गलियों में एच०डी०पी०आई० पाईप लाईन डाले जाने का कार्य।
9.	वार्ड संख्या-17 नगला भीम कलारी की विभिन्न गलियों में एच०डी०पी०आई० पाईप लाईन डाले जाने का कार्य।
10.	वार्ड संख्या 01/04 में नहरोही की विभिन्न गलियों में एच०डी०पी०आई० पाईप लाईन डाले जाने का कार्य।
11.	45 नग रिबोर योग्य इण्डिया मार्का 2 हैण्डपम्पों की अधिष्ठापन का कार्य।

Deputy Collector/Executive Officer, Nagar Palika Parishad, Hathras requested the committee to issued the environmental clearance for the above work if they comes under the purview of EIA Notification, 2006 (as amended).

The committee has gone through the letter/proposal submitted by the Deputy Collector/Executive Officer, Nagar Palika Parishad, Hathras and observed that the above construction/development work does not covered under the purview of EIA Notification, 2006 (as amended thereof). Hence, environmental clearance for the above work has not been required as per MoEFCC, Govt. of India, Notification dated 14/09/2006 (as amended).

**13. Mall at Ekana Sportz City, at Sector 7, Gomti Nagar Extension Shaheed Path Road, District- Lucknow, U.P. by M/s Ekana Sportz City Pvt. Ltd., File No. 7941/ Proposal No. SIA/UP/INFRA2/431097/2023**

**RESOLUTION AGAINST AGENDA NO. 13**

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.

**14. Cement Grinding Unit having 150 TPD production capacity at Arazi no. 97, Village- Adhauli, Pargana- Athrawan, Tehsil- Manjhanpur, District- Kaushambi, Uttar Pradesh by M/s Ultrastone India Cement Private Limited, File No. 7947/ Proposal No. SIA/UP/IND1/431660/2023**

The committee was informed that an application dated 31/05/2023 (Proposal No. SIA/UP/IND1/431660/2023) was made by the project proponent M/s Ultrastone India Cement Private Limited for terms of reference of Cement Grinding Unit having 150 TPD production capacity at Arazi no. 97, Village- Adhauli, Pargana- Athrawan, Tehsil- Manjhanpur, District- Kaushambi, Uttar Pradesh under violation category as per procedure laid down in MoEF&CC, Govt. of India Office Memorandum dated 7<sup>th</sup> July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

The committee was also informed that approximately 70% construction work has been completed without obtaining prior environmental clearance from competent authority and total project cost incurred Rs. 51.08 Lakhs/- against the project as per details submitted by project proponent.

The committee observed that as per clause 12 a (i) of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021 under Penalty provisions for violation cases and applications: For New Projects: Where operation has not commenced: 1% of the total Project Cost incurred upto the date of filing of application along with EIA/EPM Report has to be imposed on the project proponent. However as per clause 12.2 of OM Dated 07/07/2021 the percentage rates, as above, shall be halved if the PP suo-moto reports the such violation without such violations coming to the knowledge of the Government either on inquiry or complaint.

**In view of the above, the committee directed the project proponent to submit letter from Kaushambi Development Authority/Nagar Panchayat, Kaushambi and RO, UPPCB, Kaushambi mentioned that there is no compliant received against the aforesaid project regarding start of construction work at the site and CTE/CTO has not been refused by UPPCB in the absence of environmental clearance. The committee decided that as per provision of SoP/OM dated 7th July, 2021 the penalty will be imposed after submission of above letters by the project proponent.**

The committee also directed the project proponent to stop the operation of the unit until the Environmental Clearance is granted as per section 11 of standard operating procedure (SoP) for identification and handling of violation case under EIA Notification, 2006.

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development, Lucknow. 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 Cement Grinding Unit having production of 150 TPD at Arazi no. 97, Village- Adhauli, Pargana- Athrawan, Tehsil- Manjhanpur, District- Kaushambi, Uttar Pradesh, M/s Ultrastone India Cement Private Limited.

2. Salient features of the project:

Particulars	Details
Name of the Project	Terms of Reference (ToR) application for Environmental Clearance of cement grinding unit having 150 TPD production capacity under violation at Arazi no. 97, Village- Adhauli, Pargana- Athrawan, Tehsil- Manjhanpur, District- Kaushambi, Uttar Pradesh by M/s Ultrastone India Cement Private Limited
Category	3 (b)
Registered Address for correspondence	Khasra no. 97 village- Adhauli, Pargana- Athrawan, Tehsil- Manjhanpur, District- Kaushambi, Uttar Pradesh-212207
Latitude and Longitude	25°27'14.77"N 81°14'1.55"E
Name of the Applicant	Shri Shailesh Kumar Yadav
Address of Proposed Project	Khasra no. 97 village- Adhauli, Pargana- Athrawan, Tehsil- Manjhanpur, District- Kaushambi, Uttar Pradesh-212207
Land use	Land use conversion has been done on 09.03.2019
Raw Material	Clinker, Gypsum, and Fly Ash
Total Plot Area for Project	4450.00 m <sup>2</sup> (0.4450Ha)
Green Belt (33%)	1468.50 (33 % of total plot area)
Capacity	150 Ton per day
Total Project Cost	1.5 Crore
CER Cost (@2.0% of total project cost)	3.0 Lakh
Incurred Cost of Project (Till date)	51.08 Lakh
Manpower Requirement	38 Nos
Power Requirement	34 KWH from UPPCL
DG set:	One stand by D. G Set -1000 kVA
Water Requirement	5 KLD since it is dry process water only used for domestic purpose.

3. Input Mix for OPC (Ordinary Portland Cement):

Raw Material	Percentage (%)
Clinker	90%
Fly ash	5%
Gypsum	5%

4. Input Mix for PPC (Portland Pozzolana Cement):

Input Mix for PPC	
Raw Material	Percentage (%)
Clinker	65%
Fly ash	30%
Gypsum	5%

5. Source of raw material

S. No	Raw Material	Source
1	Clinker	Madhya Pradesh, Chhattisgarh, Rajasthan
2	Fly-Ash	5 nearby sources of Fly Ash: JP Bara NTPC Meja NTPC Uchahar Renukoot NTPC Tanda
3	Gypsum	Bikaner/Imported

6. The project proposal falls under category-3(b) of EIA Notification, 2006 (as amended) and MoEF&CC, violation SoP/Office Memorandum dated 07/07/2021 for the violation project.

The consultant (EIA Coordinator) also submitted an affidavit dated 12/06/2023 mentioning is as follows:

1. I, Akash Kumar, S/o Late Shri R.P. Verma is EIA Coordinator for M/s Paramarsh Servicing Environment and Development, Lucknow.
2. I have prepared the Form-1, PFR report for the file no. 7947, Proposal no SIA/UP/IND1/431660/2023 for the project Cement Grinding Unit having production of 150 TPD at Arazi no. 97, Village- Adhauli, Pargana- Athrawan, Tehsil- Manjhanpur, District- Kaushambi, Uttar Pradesh, M/s Ultrastone India Cement Private Limited with my team.
3. I have personally visited the site of proposal and certify that 70% construction and installation work has already been done. Therefore as per EIA Notification the project is being treated under violation on the project for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with TOR application are true and correct.
5. I certify that the proposal has been uploaded for the second time on Parivesh Portal for terms of reference (TOR) because of in ealrie rapplication, some data has been incorrectly filled (File NO. 7793) Proposal Number SIA/UP/IND1/426031/2023.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation which will be submitted after acceptance of application.
7. The TOR application for the proposal is prepared my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO-14**

**The committee discussed the matter in view of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended to issue the standard terms of reference (TOR) for the preparation of Environment Impact Assessment Report for the project. The committee also stipulated following additional TOR points:**

**Additional TOR:**

1. Total project cost incurred on the date of filing of application should be submitted by the project proponent from Govt. authorized valuer.
2. The project proponent to submit letter from Kaushambi Development Authority/Nagar Panchayat, Kaushambi and RO, UPPCB, Kaushambi mentioned that there is no compliant received against the aforesaid project regarding start of construction work at the site and CTE/CTO has not been refused by UPPCB in the absence of environmental clearance.
3. Uttar Pradesh Pollution Control Board to take action against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
4. The committee prescribed specific Terms of Reference for the project on the assessment of ecological damage, remediation plan and natural and the community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.
5. Assessment of ecological damage with respect to air, water, land, and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment. The cost for assessment of environmental damage may be guided by the Ministry of Environment, Forest and Climate Change O.M No. 19-125/2019-IA.III, dated 05/03/2020.

6. EMP shall be prepared comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
7. The remediation plan and the natural and community resource augmentation plan are to be prepared as an independent chapter in the EIA report by the accredited consultants.
8. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB before the grant of EC. The quantum shall be recommended by the SEAC/SEIAA and finalized by the regulatory authority.
9. Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to be prepared accordingly.
10. Status report regarding construction/development work has already taken up by the project proponent shall mentioned with the date and expected time of completion of project in tabular form to be submitted at the time of EIA presentation.
11. NOC/Permission letter from State Ground Water Board should be submitted at the time of EIA presentation. Process description along with major equipment and machines, process flow sheet (quantitative) from raw material to product.
12. Monitoring to be conducted as per SoP. Photograph of monitoring along with date, time and location with PP/ PP representative.
13. Detailed treatment proposal for mitigation/control for odour and process emissions which emit during the process of proposed product.
14. 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.
15. Layout plan of proposed unit indicating process area, storage area along with the green belt development plan to be submitted at the time of EIA presentation.

**Standard terms of reference:**

- 1) Executive Summary.
- 2) Introduction:
  - i. Details of the EIA Consultant including NABET accreditation
  - ii. Information about the project proponent
  - iii. Importance and benefits of the project
- 3) Project Description
  - i. Cost of project and time of completion.
  - ii. Products with capacities for the proposed project.
  - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
  - iv. List of raw materials required and their source along with mode of transportation.
  - v. Other chemicals and materials required with quantities and storage capacities
  - vi. Details of Emission, effluents, hazardous waste generation and their management.
  - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
  - viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
  - ix. Hazard identification and details of proposed safety systems.
  - x. Expansion/modernization proposals:
    - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per



circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.

- b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 06 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
- iii. Details w.r.t. option analysis for selection of site
- iv. Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.
- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
- x. Geological features and Geo-hydrological status of the study area shall be included.
- xi. Details of Drainage of the project up to 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xiii. R&R details in respect of land in line with state Government policy

5) Forest and wildlife related issues (if applicable):

- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
- ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
- iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
- iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
- v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area

- vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife
- 6) Environmental Status:
  - i. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
  - ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO<sub>2</sub>, NO<sub>x</sub>, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
  - iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQPM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
  - iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
  - v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
  - vi. Ground water monitoring at minimum at 8 locations shall be included.
  - vii. Noise levels monitoring at 8 locations within the study area.
  - viii. Soil Characteristic as per CPCB guidelines.
  - ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
  - x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule- I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
  - xi. Socio-economic status of the study area.
- 7) Impact and Environment Management Plan
  - i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modeling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modeling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
  - ii. Water Quality modeling - in case of discharge in water body
  - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum-rail transport shall be examined.
  - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
  - v. Details of stack emission and action plan for control of emissions to meet standards.
  - vi. Measures for fugitive emission control
  - vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
  - viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed

- plan of action shall be provided.
- ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
  - x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
  - xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
  - xii. Action plan for post-project environmental monitoring shall be submitted.
  - xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.
- 8) Occupational health:
- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
  - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, color vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
  - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
  - iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
- 9) Corporate Environment Policy:
- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
  - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
  - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
  - iv. Does the company have 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? This reporting mechanism shall be detailed in the EIA report
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 11) Corporate Environmental Responsibility (CER):
- i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
  - ii. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any

notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.

- iii. A tabular chart with index for point wise compliance of above TOR.
- 12) Limestone and coal linkage documents along with the status of environmental clearance of limestone and coal mines
- 13) Quantum of production of coal and limestone from coal & limestone mines and the projects they cater to;
- 14) For large Cement Units, a 3-D view i.e. DEM (Digital Elevation Model) for the area in 10 km radius from the proposal site.
- 15) Present land use shall be prepared based on satellite imagery. High-resolution satellite image data having 1m-5m spatial resolution like quick bird, Ikonos, IRS P-6 pan sharpened etc. for the 10 Km radius area from proposed site. The same shall be used for land used/land-cover mapping of the area.
- 16) If the raw materials used have trace elements, an environment management plan shall also be included.
- 17) Plan for the implementation of the recommendations made for the cement plants in the CREP guidelines must be prepared.
- 18) Energy consumption per ton of clinker and cement grinding
- 19) Provision of waste heat recovery boiler
- 20) Arrangement for use of hazardous waste

**15. Building Stone (Gitti, Boulder, Khanda) Sand Stone mine at Araj No./Plot No./Gata No.- 1144 Khand No.-06, at Village- Mamauli, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Singh Construction, Area 2.024 ha., File No. 7949/ Proposal No. SIA/UP/MIN/431930/2023**

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

1. The terms of reference is sought for Building Stone (Gitti, Boulder, Khanda) Sand Stone mine at Araj No./Plot No./Gata No.- 1144 Khand No.-06, Village – Mamauli, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, Area 2.024 ha. (5.0 Acres), of M/s Singh Construction.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/431930/2023
2.	File No. allotted by SEIAA, UP	7949
3.	Name of Proponent	Dheeraj Singh (Prop) S/o: Kamalakar Singh
4.	Full correspondence address of proponent and mobile no.	R/o: Ghurpur, Tehsil-Bara,
		District- Prayagraj Uttar Pradesh 212107
		Mobile no. – 7309830007
		E mail ID - singh96stone@gmail.com
5.	Name of Project	Building Stone (Gitti, Boulder, Khanda) Sand Stone mine at Araj No./Plot No./Gata No.- 1144 Khand No.-06, Area 2.024 ha. (5.0 Acres) at Village – Mamauli, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Singh Construction
6.	Project Location (Plot. Khasra/Gata No.)	Araj No./Plot No./Gata No.- 1144 Khand No.-06
7.	Name of River	NA
8.	Name of Village	Mamauli
9.	Tehsil	Meja
10.	District	Prayagraj
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Gitty) Sandstone mine
12.	Sanctioned Lease Area (in Ha.)	2.024 ha
13.	Max. & Min mRL within lease area	Highest mRL – 125.80 mRL
		Lowest mRL – 122.40 mRL

14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25° 08'36.8"N	82° 01'51.0"E
		B	25° 08'35.5"N	82° 01'56.9"E
		C	25° 08'31.9"N	82° 01'56.2"E
		D	25° 08'32.3"N	82° 01'50.5"E
15.	Total Geological Reserves	4,98,110 m <sup>3</sup>		
16.	Total Mineable Reserve	2,42,220 m <sup>3</sup>		
17.	Total Proposed Production	1,01,200 m <sup>3</sup> (5 years)		
18.	Proposed Production /year (as per LoI)	20,240 m <sup>3</sup>		
19.	Sanctioned Period of Mine lease	Plan Period 5 years		
20.	Method of Mining	Opencast, Semi-mechanized		
21.	No. of worker	30		
22.	Type of Land	Govt./Non Forest Land		
23.	Depth of Mining	9.0 m		
24.	Nearest metalled road from site	0.20 km		
25.	Water Requirement	PURPOSE		
		Drinking - 0.30 KLD		
		Suppression of dust - 3.60 KLD		
		Plantation - 0.30 KLD		
		Others (if any) - 0.00 KLD		
		Total - 4.20 ~ 4.00 KLD		
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till -01 May 2024		
27.	Any litigation pending against the project or land in any court	No		
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 370/Khanij/2022-23, dated 08/05/2023		
29.	Details of Lease Area in approved DSR	Serial no. 69, Page no. 43		
30.	Project Cost	90.00 lacs		
31.	Proposed CER cost	1.8 Lacs		
32.	Length and breadth of Haul Road	Length – 0.30 km, Breadth – 6.00 m		
33.	No. of Trees to be Planted	300		

- 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 12/06/2023 mentioning is as follows:

- I Pankaj Srivastava S/o Shri V. V. Srivastava is EIA Coordinator of Paramarsh servicing Environment and Development.
- I have prepared ToR application along with Form 1, Pre-feasibility Report for the Proposed Building Stone (Gitti, Boulder, Khanda) Sand Stone mine at Araj No./Plot No./Gata No.- 1144 Khand No.-06, Area 2.024 ha. (5.0 Acres) at Village – Mamauli, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Singh Construction. Proposal number: Proposal No. SIA/UP/MIN/431930/2023 with my team.
- I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information required for ToR application along with Form 1, Pre-feasibility Report preparations are true and correct.

5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The ToR application along with Form 1, Pre-feasibility Report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 15**

**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. During the EIA presentation latest KML of site pillar should be presented.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. 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.
4. 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.
5. 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.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.

15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

**16. “Building stone (Sandstone)” Mine at Araji/Gata No.- 732, Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh Developed by Shri Prem Chandra, Area- 0.809 ha., File No. 7951/ Proposal No. SIA/UP/MIN/432013/2023**

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

1. The terms of reference is sought for “Building stone (Sandstone)” Mine at Araji/Gata no.- 732, Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, U.P., Leased Area- 0.809 ha.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No	SIA/UP/MIN/432013/2023		
2.	File No. allotted by SEIAA, UP	7951		
3.	Name of Proponent	Shri Prem Chandra		
4.	Full correspondence address of proponent and E-mail Id	R/o- Village & Post- Madhupur, Robertsganj, District- Sonbhadra, Uttar Pradesh		
		Email: premchandra541818gmail.com		
5.	Name of Project	“Building stone (Sandstone)” Mine at Gata No.- 732, Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh.		
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.-732, Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh.		
7.	Name of River	NA		
8.	Name of Village	Bhagauti Dei		
13.	Tehsil	Chunar		
9.	District	Mirzapur		
10.	Name of Minor Mineral	Building Stone (Sandstone)		
11.	Sanctioned Lease Area (in Ha.)	0.809 ha.		
12.	Max. & Min mRL within lease area	Highest mRL is 120.0 & Lowest is 117.80mRL		
13.	Pillar Coordinates (Verified by DMO)	GPS Co-ordinates are-		
		Pillars	N	E
		A	25°03'10.38"N	82°59'24.88"E
		B	25°03'11.03"N	82°59'29.03"E
		C	25°03'09.08"N	82°59'29.21"E
		D	25°03'08.41"N	82°59'24.96"E
14.	Total Geological Reserves	4,74,759 m <sup>3</sup>		
15.	Total Mineable Reserve (as per Approved Mine Plan)	1,35,540m <sup>3</sup>		
16.	Total Proposed Production	1,21,350 m <sup>3</sup> in 5 Years		
17.	Proposed Production/year	24,270 m <sup>3</sup> /year		
18.	Sanctioned Period of Mine lease	20 years		
19.	Method of Mining	Opencast, Semi-Mechanized		
20.	No. of working days	300		
21.	Working hours/day	8		
22.	No. of worker	52		
23.	Type of Land	Pvt. Land		
24.	Ultimate of Depth of Mining	Upto 80 mRL		
25.	Nearest metalled road from site	620 m		
26.	Water Requirement	PURPOSE	PURPOSE	
		Drinking	0.52 KLD	

		Suppression of dust	2.48 KLD
		Plantation	0.50
		<b>Total</b>	<b>3.50</b>
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	<b>AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025</b>	
28.	Any litigation pending against the project or land in any court	No	
29.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 3892/M.M.C.-30/2022-23 Dated on 05.04.2023	
30.	Details of Lease Area in approved DSR	0.809 ha.	
31.	Proposed CER cost	Rs. 1.7 Lakhs	
32.	EMP cost	EMP cost is 8.0 lakhs as capital cost and 6.0 lakhs as recurring cost	
33.	Distance of Haul Road	620 m	
34.	No. of Trees to be Planted	250	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 02/05/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the TOR report for the proposal "Building stone (Sandstone)" Mine at Araj/Gata no.- 732, Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, U.P., Leased Area- 0.809 ha with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required submitted along with TOR application are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

#### **RESOLUTION AGAINST AGENDA NO. 16**

**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. During the EIA presentation latest KML of site pillar should be presented.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.



3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. 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.
  4. 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.
  5. 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.
  6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
  7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
  8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
  9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
  10. 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.
  11. 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.
  12. 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.
  13. 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.
  14. 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.
  15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
- 17. Ordinary Sand Mining” at along riverbed of Ganga river at Araj No/Gata No.- 7kh, Khand-2, Village – Badagaon, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh of M/s Rajesh Prasad Yadav and Sons, Area – 8.09 ha., File No. 7957/ Proposal No. SIA/UP/MIN/431678/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. 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 “Ordinary Sand Mining” from riverbed of Ganga river at Araj No/Gata No. 7kh, Khand-2, Village – Badagaon, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh, (Lease area – 8.09 ha).

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

1.	On-line proposal No.	SIA/UP/MIN/431678/2023		
2.	File No. allotted by SEIAA, UP	7957		
3.	Name of Proponent	Shri Rajesh Prasad Yadav & Sons Prop. Shri Rajesh Prasad Yadav S/o Shri Jhuri Yadav		
4.	Full correspondence address of proponent and mobile no.	R/o – H. No. 6/171, G -5, Akatha, Thana-Sarnath Tehsil - Sadar, District-Varanasi, U.P. 221007		
		Mobile no. – 7905004456		
		E mail ID - rajeshydvсанд@gmail.com		
5.	Name of Project	Environment clearance of proposed “Ordinary Sand Mining” having lease area – 8.09 ha along riverbed of Ganga river at Araj No/Gata No. 7kh, Khand-2, Village – Badagaon, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh of M/s Rajesh Prasad Yadav and Sons.		
6.	Project Location (Plot. Khasra/Gata No.)	Araj No/Gata No. 7kh, Khand-2		
7.	Name of River	Ganga		
8.	Name of Village	Badagaon		
9.	Tehsil	Sakaldiha		
10.	District	Chandauli		
11.	Name of Minor Mineral	“river bed Sand/morrum mining”		
12.	Sanctioned Lease Area (in Ha.)	8.09 ha		
13.	Max. & Min mRL within lease area	Highest mRL – 65.70 mRL		
		Lowest mRL- 62.50 mRL		
14.	Pillar Coordinates (Verified by DMO)	<b>Point</b>	<b>Latitude N</b>	<b>Longitude E</b>
		A	25°31'1.48"N	83°14'28.28"E
		B	25°31'6.99"N	83°14'31.60"E
		C	25°31'1.48"N	83°14'46.49"E
		D	25°30'56.65"N	83°14'43.64"E
15.	Total Geological Reserves	3,23,600 m <sup>3</sup>		
16.	Total Mineable Reserve	1,94,160 m <sup>3</sup>		
17.	Total Proposed Production	1,61,800 m <sup>3</sup> (6 months)		
18.	Proposed Production /year (as per LoI)	1,61,800 m <sup>3</sup> (6 months)		
19.	Sanctioned Period of Mine lease	6 months		
20.	Method of Mining	Mining will be carried out by bar scalping or skimming method and mining operation shall be semi - mechanized (OTFM) using scrapers/EMM and chain/tyre mounted bulldozers for rescue & salvage (as per SSMG 2016).		
21.	No. of worker	38		
22.	Type of Land	Govt./Non Forest Land		
23.	Ultimate Depth of Mining	3.0 m		
24.	Nearest metalled road from site	0.60 km		
25.	Water Requirement	PURPOSE		
		Drinking	- 0.38 KLD	
		Suppression of dust	- 7.20 KLD	
		Plantation	- 8.00 KLD	
		Others (if any)	- 0.00 KLD	
		Total	8.38 ~ 8.50 KLD	
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024		
27.	Any litigation pending against the project or land in any court	No		
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 111/30-up-Khanij, dated - 07/10/2022		
29.	Details of Lease Area in approved DSR	DSR approved by District Authority Last Sr . no in table no. 01		
30.	Project Cost	1.10 Crore		
31.	Proposed CER cost	2.20 lacs		
32.	Length and breadth of Haul Road	Length – 0.60 km, Breadth – 6.00 m		

33.	No. of Trees to be Planted	800
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3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 12/06/2023 mentioning is as follows:

1. I Dr. Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared ToR Application for the environment clearance of proposed “Ordinary Sand Mining” having lease area – 8.09 ha along riverbed of Ganga river at Araj No/Gata No. 7kh, Khand-2, Village – Badagaon, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh of M/s Rajesh Prasad Yadav and Sons Proposal number: SIA/UP/MIN/431678/2023 with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for ToR Application preparations are true and correct.
5. It is to certify that this project has been uploaded for the 2nd time on Parivesh Portal due to correction in lease period and we have already been submitted withdrawal letter of previous proposal (SIA/UP/MIN/414232/2023, File No: 7577) on dt. 16/05/2023.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The ToR Application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 17**

**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. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. 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.

5. 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.
6. 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.
7. 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.
8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
17. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**18. “Sand/Morrum Mining” along riverbed of Yamuna River at Araj No/Gata No. 2 /2, Khand-04, Village – Tir Ghumai Gangu, Tehsil -Rajapur, District- Chitrakoot, Uttar Pradesh of M/s S.S. Multi Services, Area – 23.0 ha., File No. 7959/ Proposal No. SIA/UP/MIN/431332/2023**

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

1. The terms of reference is sought for “Sand/Morrum Mining” riverbed of Yamuna River at Araj No/Gata No. 2 /2, Khand-04, Village – Tir Ghumai Gangu, Tehsil -Rajapur, District- Chitrakoot, Uttar Pradesh, (Leased Area – 23.0 ha), M/s S.S. Multi Services.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/431332/2023
2.	File No. allotted by SEIAA, UP	7959
3.	Name of Proponent	M/s S.S. Multi Services Shri Surendra Kumar Shukla (Prop) S/o Shri Parmanand Shukla
4.	Full correspondence address of proponent and mobile no.	R/o-20 Mangara, Jaunpur (U.P)- 222162 Mobile no. – 9170957700

		E mail ID - <a href="mailto:sssand2023@gmail.com">sssand2023@gmail.com</a>															
5.	Name of Project	Environment clearance of proposed “Sand/Morrum Mining” having lease area – 23.0 ha along riverbed of Yamuna River at Arajai No/Gata No. 2 /2, Khand-04, Village – Tir Ghumai Gangu, Tehsil -Rajapur, District-Chitrakoot, Uttar Pradesh of M/s S.S. Multi Services.															
6.	Project Location (Plot. Khasra/Gata No.)	Arajai No/Gata No. 2 /2, Khand-04															
7.	Name of River	Yamuna															
8.	Name of Village	Tir Ghumai Gangu															
9.	Tehsil	Rajapur															
10.	District	Chitrakoot															
11.	Name of Minor Mineral	“River bed Sand/morrum mining”															
12.	Sanctioned Lease Area (in Ha.)	23.00 ha															
13.	Max. & Min mRL within lease area	The highest level of area is 104.0 mRL The lowest level is 99.0 mRL															
14.	Pillar Coordinates (Verified by DMO)	<table><tr><th>Point</th><th>Latitude N</th><th>Longitude E</th></tr><tr><td>A</td><td>25°30.249'N</td><td>81°06.945'E</td></tr><tr><td>B</td><td>25°30.308'N</td><td>81°06.785'E</td></tr><tr><td>C</td><td>25°30.741'N</td><td>81°06.910'E</td></tr><tr><td>D</td><td>25°30.674'N</td><td>81°07.045'E</td></tr></table>	Point	Latitude N	Longitude E	A	25°30.249'N	81°06.945'E	B	25°30.308'N	81°06.785'E	C	25°30.741'N	81°06.910'E	D	25°30.674'N	81°07.045'E
Point	Latitude N	Longitude E															
A	25°30.249'N	81°06.945'E															
B	25°30.308'N	81°06.785'E															
C	25°30.741'N	81°06.910'E															
D	25°30.674'N	81°07.045'E															
15.	Total Geological Reserves	4,62,040 m3															
16.	Total Mineable Reserve	2,30,000 m3															
17.	Proposed Production /year (as per LoI)	2, 30,000 m3 (6 Months)															
18.	Sanctioned Period of Mine lease	Plan Period 6 months															
19.	Method of Mining	Mining will be carried out by bar scalping or skimming method and mining operation shall be semi - mechanized (OTFM) using scrapers/EMM and chain/tyre mounted bulldozers for rescue & salvage (as per SSMG 2016).															
20.	No. of worker	21															
21.	Type of Land	Govt./Non Forest Land															
22.	Ultimate Depth of Mining	1.7 m															
23.	Nearest metalled road from site	0.30 km															
24.	Water Requirement	<table><tr><td colspan="2">PURPOSE</td></tr><tr><td>Drinking</td><td>- 0.21 KLD</td></tr><tr><td>Suppression of dust</td><td>- 3.6 KLD</td></tr><tr><td>Plantation</td><td>- 2.3 KLD</td></tr><tr><td>Others (if any)</td><td>- 0.00 KLD</td></tr><tr><td>Total</td><td>6.11 KLD</td></tr></table>	PURPOSE		Drinking	- 0.21 KLD	Suppression of dust	- 3.6 KLD	Plantation	- 2.3 KLD	Others (if any)	- 0.00 KLD	Total	6.11 KLD			
PURPOSE																	
Drinking	- 0.21 KLD																
Suppression of dust	- 3.6 KLD																
Plantation	- 2.3 KLD																
Others (if any)	- 0.00 KLD																
Total	6.11 KLD																
25.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024															
26.	Any litigation pending against the project or land in any court	No															
27.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1652/Khanij/2023-24, dated - 28/04/2023															
28.	Details of Lease Area in approved DSR	DSR approved by District Authority															
29.	Project Cost	1.10 Crore															
30.	Proposed CER cost	2.20 lacs															
31.	Length and breadth of Haul Road	Length – 0.30 km, Breadth – 6.00 m															
32.	No. of Trees to be Planted	2300															

- 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 12/06/2023 mentioning is as follows:

1. I Pankaj Srivastava S/o Shri V. V. Srivastava is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared ToR application along with Form 1, Pre-feasibility Report for the Proposed “Sand/Morrum Mining” having lease area – 23.0 ha along riverbed of Yamuna River at Araj No/Gata No. 2 /2, Khand-04, Village – Tir Ghumai Gangu, Tehsil -Rajapur, District- Chitrakoot, Uttar Pradesh of M/s S.S. Multi Services. Proposal number: Proposal No. SIA/UP/MIN/431332/2023 with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for ToR application along with Form 1, Pre-feasibility Report preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The ToR application along with Form 1, Pre-feasibility Report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 18**

**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. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. 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.
5. 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.
6. 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.
7. 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.
8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
9. Combined KML of all mines in a cluster should be submitted at the time of EIA.

10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
17. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**19. “Building stone (Sandstone)” Mine at Arazi/Gata No.- 1, Village– Dhuria, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh Developed by M/s Yathartha Enterprises (Shri Surendra Pratap Singh), Area - 0.969 ha., File No. 7961/ Proposal No. SIA/UP/MIN/432367/2023**

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

1. The terms of reference is sought for “Building stone (Sandstone)” Mine at Arazi/Gata no.- 1, Village– Dhuria, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh, (Leased Area- 0.969 ha.), M/s Yathartha Enterprises.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/432367/2023									
2.	File No. allotted by SEIAA, UP	7961									
3.	Name of Proponent	M/s Yathartha Enterprises (Shri Surendra Pratap Singh)									
4.	Full correspondence address of proponent and E-mail Id	R/o- Pahadpur, Sahebganj, Chakia, District- Chandauli, Uttar Pradesh Email: surendrapratapsingh5418@gmail.com									
5.	Name of Project	“Building stone (Sandstone)” Mine at Gata No.- 1, Village– Dhuria, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh.									
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.-1, Village– Dhuria, Tehsil- Chunar, District– Mirzapur, Uttar Pradesh.									
7.	Name of River	NA									
8.	Name of Village	Dhuria									
13.	Tehsil	Chunar									
9.	District	Mirzapur									
10.	Name of Minor Mineral	Building Stone (Sandstone)									
11.	Sanctioned Lease Area (in Ha.)	0.969 ha.									
12.	Max. & Min mRL within lease area	Highest mRL is 98.4 & Lowest is 94.8 mRL									
13.	Pillar Coordinates (Verified by DMO)	GPS Co-ordinates are- <table border="1"> <thead> <tr> <th>Pillars</th><th>N</th><th>E</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°03'44.56"N</td><td>83°02'34.48"E</td></tr> <tr> <td>B</td><td>25°03'44.90"N</td><td>83°02'38.70"E</td></tr> </tbody> </table>	Pillars	N	E	A	25°03'44.56"N	83°02'34.48"E	B	25°03'44.90"N	83°02'38.70"E
Pillars	N	E									
A	25°03'44.56"N	83°02'34.48"E									
B	25°03'44.90"N	83°02'38.70"E									

		C	25°03'42.00"N	83°02'38.64"E
		D	25°03'42.00"N	83°02'34.32"E
14.	Total Geological Reserves	5,42,910 m <sup>3</sup>		
15.	Total Mineable Reserve (as per Approved Mine Plan)	2,15,658 m <sup>3</sup>		
16.	Total Proposed Production	1,45,350 m <sup>3</sup> in 5 Years		
17.	Proposed Production/year	29,070 m <sup>3</sup> /year		
18.	Sanctioned Period of Mine lease	20 years		
19.	Method of Mining	Opencast, Semi-Mechanized		
20.	No. of working days	300		
21.	Working hours/day	8		
22.	No. of worker	52		
23.	Type of Land	Govt. land		
24.	Ultimate of Depth of Mining	Upto 60 mRL		
25.	Nearest metalled road from site	350 m		
26.	Water Requirement	PURPOSE		PURPOSE
		Drinking		0.52 KLD
		Suppression of dust		2.40 KLD
		Plantation		0.50
		Total		3.42
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025		
28.	Any litigation pending against the project or land in any court	No		
29.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 4357/M.M.C.-30/2022-23 Dated on 06/05/2023		
30.	Details of Lease Area in approved DSR	0.969 ha.		
31.	Proposed CER cost	Rs. 1.68 Lakhs		
32.	EMP cost	EMP cost is 6.0 lakhs as capital cost and 5.0 lakhs as recurring cost		
33.	Distance of Haul Road	350 m		
34.	No. of Trees to be Planted	250		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 02/06/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the TOR report for the proposal "Building stone (Sandstone)" Mine at Araj/Gata no.- 1, Village- Dhuria, Tehsil- Chunar, District-Mirzapur, Uttar Pradesh, (Leased Area- 0.969 ha.), M/s Yathartha Enterprises with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required submitted along with TOR application are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh Portal.



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

**RESOLUTION AGAINST AGENDA NO. 19**

**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. During the EIA presentation latest KML of site pillar should be presented.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. 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.
4. 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.
5. 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.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.

15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

**20. “Building stone (Sandstone)” Mine at Gata/Arazi No.- 36/6/5, Village- Sonbarsa Tehsil- Lalganj, District-Mirzapur, Uttar Pradesh Developed by Shri Shividatt Singh, Area - 0.809 ha., File No. 7963/ Proposal No. SIA/UP/MIN/432406/2023**

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

1. The terms of reference is sought for “Building stone (Sandstone)” Mine at Araji/Gata No.- 36/6/5, Village- Sonbarsa, Tehsil- Lalganj, District- Mirzapur, U.P., (Leased Area- 0.809 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/432406/2023		
2.	File No. allotted by SEIAA, UP	7963		
3.	Name of Proponent	Shri Shivdatt Singh		
4.	Full correspondence address of proponent and E-mail Id	R/o- Raipuri, Biraura Pandey, District- Mirzapur, Uttar Pradesh		
		Email: infoshivdatt211@gmail.com		
5.	Name of Project	“Building stone (Sandstone)” Mine at Gata No.- 36/6/5, Village- Sonbarsa, Tehsil- Lalganj, District- Mirzapur, Uttar Pradesh.		
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.- 36/6/5, Village- Sonbarsa, Tehsil- Lalganj, District- Mirzapur, Uttar Pradesh.		
7.	Name of River	NA		
8.	Name of Village	Sonbarsa		
13.	Tehsil	Lalganj		
9.	District	Mirzapur		
10.	Name of Minor Mineral	Building Stone (Sandstone)		
11.	Sanctioned Lease Area (in Ha.)	0.809 ha.		
12.	Max. & Min mRL within lease area	Highest mRL is 116.0 & Lowest is 114.0 mRL		
13.	Pillar Coordinates (Verified by DMO)	GPS Co-ordinates are-		
		Pillars	N	E
		A	25°5'26.83"N	82°24'15.28"E
		B	25°5'25.49"N	82°24'18.05"E
		C	25°5'22.82"N	82°24'16.44"E
		D	25°5'24.31"N	82°24'13.79"E
14.	Total Geological Reserves	5,41,092 m <sup>3</sup>		
15.	Total Mineable Reserve (as per Approved Mine Plan)	1,58,598 m <sup>3</sup>		
16.	Total Proposed Production	80,900 m <sup>3</sup> in 5 Years		
17.	Proposed Production/year	16,180 m <sup>3</sup> /year		
18.	Sanctioned Period of Mine lease	10 years		
19.	Method of Mining	Opencast, Semi-Mechanized		
20.	No. of working days	300		
21.	Working hours/day	8		
22.	No. of worker	52		
23.	Type of Land	Govt. land		
24.	Ultimate of Depth of Mining	Upto 70 mRL		
25.	Nearest metalled road from site	200 m		
26.	Water Requirement	PURPOSE		PURPOSE
		Drinking		0.52 KLD

		Suppression of dust	1.08 KLD
		Plantation	0.50
		<b>Total</b>	<b>2.10</b>
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	<b>AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025</b>	
28.	Any litigation pending against the project or land in any court	No	
29.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 3887/ M.M.C.-30/ 2022-23 Dated on 05.04.2023	
30.	Details of Lease Area in approved DSR	0.809 ha.	
31.	Proposed CER cost	Rs. 1.6 Lakhs	
32.	EMP cost	EMP cost is 6.0 lakhs as capital cost and 5.0 lakhs as recurring cost	
33.	Distance of Haul Road	20 m	
34.	No. of Trees to be Planted	250	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 27/05/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the TOR report for the proposal "Building stone (Sandstone)" Mine at Araj/Gata No.- 36/6/5, Village- Sonbarsa, Tehsil- Lalganj, District- Mirzapur, U.P., (Leased Area- 0.809 ha.) with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required submitted along with TOR application are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

#### **RESOLUTION AGAINST AGENDA NO. 20**

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. During the EIA presentation latest KML of site pillar should be presented.

2. Original Cluster Certificate should be submitted at the time of EIA presentation.
  3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. 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.
  4. 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.
  5. 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.
  6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
  7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
  8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
  9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
  10. 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.
  11. 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.
  12. 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.
  13. 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.
  14. 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.
  15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
- 21. Modernization & Development for Dr. Sampooranand Sports Stadium at Sigra, District-Varanasi, U.P. by M/s Varanasi Smart City Limited, File No. 7973/ Proposal No. SIA/UP/INFRA2/432839/2023**

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. The project proponent informed the committee that the proposed project is for Modernization & Development for Existing Dr. Sampoorana Nand Sports Stadium at Sigra, Varanasi.

The stadium was established in 1964 and the Government of Uttar Pradesh owns and operates it. Building plan for the phase-1 was approved having built-up area 17231.24 sqm which does not attract EIA notification, 2006 and environmental clearance was not required. CTE for the phase-1

project was obtained vide ref no. 528/Smartcity/22-23 dated 03/08/2022, accordingly the construction was started for existing project.

Now, the project is proposed for development of phase-2 and phase-3 and built-up area for the proposed phase-2 and phase-3 project is 19237.71 m<sup>2</sup>. Total built-up area of Existing + Phase 1, 2 and 3 would be 38528.34 m<sup>2</sup> and the project comes under the purview of EIA Notification, 2006 (as amended). Hence, project proponent applies for environmental clearance under category 8(a) of EIA Notification, 2006.

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 Modernization & Development for Dr. Sampooranand Sports Stadium at Sagra, District-Varanasi, U.P., M/s Varanasi Smart City Limited.
2. Salient features of the project as submitted by the project proponent:
3. The total plot area is 66782.45 m<sup>2</sup> whereas total built-up area will be 38528.34 m<sup>2</sup> (existing + proposed).
4. Expected population will be 7590 Persons.
5. Maximum number of floors will be G+4 (Hostel Block) and maximum height of the building will be 22.95 m.
6. Estimated total cost of project is Rs. 245.58 Crores.
7. Project Activity : Stadium – Indoor & Outdoor sports.
8. Comparative statement of the project is as below:

Particulars	Existing (including phase 1)	Proposed (Phase 2 &3)	Total
Plot Area	64474.90 m <sup>2</sup>	2307.55	66782.45 m <sup>2</sup>
Built Up Area	19290.63 m <sup>2</sup>	19237.71 m <sup>2</sup>	38528.34 m <sup>2</sup>
Cost of the project	76.28 Cr.	169.3 Cr.	245.58 r.

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

Sl. No.	Description	Quantity	Unit
<b>GENERAL</b>			
1	Plot Area	66782.45	SQMT
2	Proposed Built Up Area (Including Existing)	38528.34	SQMT
3	Existing Built-Up Area	19290.63	SQMT
4	Max Height of Building	22.95	M
5	Max No of Floors	G+4	No.
6	Expected Population	7590	No.
7	Cost of Project	245.58	CR
8	Proj Activity: Stadium – Indoor & Outdoor sports		
<b>AREAS</b>			
9	Permissible Ground Coverage Area	13257.49	SQMT
10	Proposed Ground Coverage Area	13133.82	SQMT
11	Permissible FAR Area (including 4868.79 sqm Purchasable)	31581.77	SQMT
12	Proposed FAR Area	31581.77	SQMT
13	Proposed Total Non-FAR Areas	6946.57	SQMT
14	Proposed Total Built Up Area	38528.34	SQMT
<b>WATER</b>			
15	Total Water Requirement	282.71	KLD
16	Fresh water requirement	86.51	KLD
17	Treated Water Requirement	196.20	KLD
18	Waste water Generation	129.72	KLD
19	Proposed Capacity of STP	160	KLD
20	Treated Water Available for Reuse	116.75	KLD
21	Treated Water Recycled	116.75	KLD

22	Discharge to Municipal Sewer	Zero	KLD
23	Additional treated water required	79.45	KLD
RAIN WATER HARVESTING			
24	No of RWH of Pits Proposed( for only roof top)	5	No.
PARKING			
25	Total Parking Required as / Building Bye Laws	236	ECS
26	Proposed Total Parking (On Surface)	250	ECS
GREEN AREA			
27	Proposed Green Area (63.3%)	40821.29	SQMT
WASTE			
28	Total Solid Waste Generation	0.86	TPD
29	Organic waste	0.34	TPD
30	Quantity of Hazardous waste Generation	0.4	LPD
31	Quantity of Sludge Generated from STP	9.25	KG/DAY
ENERGY			
32	Total Power Requirement	1450	KW
33	D G set Power backup	2520	KVA
34	No of Generator Sets	3	No.

**10. Landscape plan:**

Total Plot Area	66782.45 sq. m.
Proposed Green Area (61.1% of the Plot Area)	40821.29 sq. m.
Required No of Trees	834.78 nos.
Proposed No. of trees	835 nos.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 13/06/2023 mentioning is as follows:

1. I, Anand Kumar Dubey S/o Shri Amar Nath Dubey is EIA Coordinator of Ind Tech House Consult, Delhi.
2. I have prepared the Environment Clearance report for the proposal (SIA/UP/INFRA2/432839/2023), in the name of Modernization & Development for Dr. Sampoorana Nand Sports Stadium at Sagra, Varanasi by M/s Varanasi Smart City Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the expansion part for which proposal was submitted.
4. I am satisfied that all the necessary data/information submitted along with application form 1, 1A, & Conceptual Plan for environment clearance 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/ Form 1, 1A and Conceptual plan submitted on Parivesh Portal and hard copy/presentation submitted after acceptance of application.
7. The Environment Clearance Report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 21**

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above along with 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 proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
5. 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.
6. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.

**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.

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

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

**(Dr. Ratan Kar)**  
**Member**

**(Om Prakash Srivastava)**  
**Member**

**(Dr. Ajai Mishra)**  
**Member**

**(Rajive Kumar)**  
**Chairman**

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

**Nodal, SEAC-1**

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

**Annexure-1**

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

**A. General Conditions:**

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> monitoring. The location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
7. Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31<sup>st</sup> December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board

19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

**B. Specific Conditions:**

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

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



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

38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
40. Project Proponent shall explore the possibility of using solar energy where ever possible.
41. Commitment towards CER has to be followed strictly.
42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
44. The blasting will be done only after getting permission from the Mining Department.

**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.