

Minutes of 724th SEAC-2 Meeting Dated 03/02/2023

The 724th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 03/02/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 724th SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

1. **"Ordinary Soil Excavation Project" at Gata No.- 1374, Village- Malaha, Tehsil- Malihabad, District- Lucknow, Shri Vishambhar Nath, Area: 1.0600 Ha., File No. 7534/Proposal No. SIA/UP/MIN/ 414022/2023**

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. **Proposed IT/ITES Project at Plot No. -1B, Sector-140A, Noida, District- Gautam Buddha Naga, M/s IT Infrastructure Park Private Limited., File No. 7550/7188/ Proposal No. SIA/UP/INFRA2/406252/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Mantras Green Resources Limited. The project proponent informed the committee that the proposed land site has been allotted by New Okhla Industrial Development Authority on 14/01/2008 and no construction work has been undertaken by them till date. The project proponent also informed that there is no litigation pending against the aforesaid project.

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 Proposed IT/ITES Project located at Plot No. -1B, Sector-140A, Noida, District-Gautam Buddha Naga, U.P., M/s IT Infrastructure Park Private Limited.
2. Standard terms of reference in the matter were issued through online Parivesh Portal on 14/07/2022 and EIA report submitted by the project proponent on 17/01/2023.
3. Salient features of the project:

Project Name	Proposed IT Park/ITES Project
Location	Plot-1B, Sector-140A, Noida, Uttar Pradesh

Type of project	Building and Construction Project, Category 'B' [As per EIA Notification 14.09.2006, Project or Activity-8 (b)]		
Total Project area	45,202.5 m ² (11.16977 Acres)		
Built up	Total Built up area: 2,27,554.665 m ² (F.A.R- 1,16,568.26 m ² + Non F.A.R- 40,342.817 m ² + Basement Area- 70,643.588 m ²)		
Ground coverage	Permissible: 13560.75 sq. m (30 %) Proposed: 13386.09 m ² (29.61 %)		
F.A.R Permissible F.A.R Proposed	Permissible: 118656.56 sq. m. (2.65) Proposed: 1,16,568.26 m ² (2.57)		
Maximum height	Permissible Height: 448.99 m Proposed Height: 108.75 m.		
Number of Towers	4 Towers + Podium +Non Tower (Commercial)		
Number of floors	2 Basements+ Lower Ground Floor+ Ground Floor + 23 Floors + Terrace		
Basement Area	Particular	Parking Area(m ²)	Total Area (m2)
	Lower Basement	38193.08	39303.113
	Upper Basement	26444.30	38520.315
	Total Basement Area	64637.38	77823.428
Estimated Population	Total population: 15,549 Persons Fixed population: 3,966 Persons Floating population: 15,549 Persons		
Proposed Parking	2610 ECS		
Power requirement & source	Power requirement: 9843 KW, Demand Load – 15000 kVA Source: State Electricity Board		
Power backup	6 no. of D.G Sets of total capacity 11,010 kVA (5x2000 kVA + 1x1010 KVA).		
Water requirement & source	Total Water requirement will be 761 KLD Fresh Water: 275 KLD Recycled Treated Water: 486 KLD		
Sewage treatment & disposal	Sewage treatment facility: STP of 750KLD capacity 78 KLD excess treated water will be used in construction by our other active project sites.		
Green Area	15,900 m ² (35 % of total plot area)		
Rain water harvesting pits	11 numbers		
Connectivity	The project site is well connected to other parts of City through service roads.		
Project Cost	Rs. 700 cr.		

4. Water requirement details:

TOTAL WATER REQUIREMENT (FRESH 95 KLD + RECYCLED 160 KLD)	275 KLD
FRESH DOMESTIC WATER REQUIREMENT	268 KLD
WATER REQUIRED FOR GREEN AREA DEVELOPMENT	79.5 KLD
WASTE WATER GENERATION	626.89 KLD
TREATED WATER RECOVER FROM STP	564 KLD
EXCESS TREATED WATER USED IN CONSTRUCTION AT OUR OTHER ACTIVE PROJECT SITES	77.81 KLD
The total water requirement of the project will be 761 KLD. The fresh water required will be 275 KLD; the recycled water demand will be 486 KLD. The waste water generated during the operation phase will be 626.89 KLD which will be treated in STP of Capacity 750 KLD and whole of the treated water (564 KLD) available will be used for flushing (406.89 KLD) and Green Area (79.5 KLD), 77.81 KLD excess treated water will be used in construction by our other active project sites.	

5. Solid waste details:

SOLID WASTE GENERATION:	6203.85	Kg/day	
From Fixed population@450gms/person/day	5212.35	Kg/day	
From Floating population@250gms/person/day	991.5	Kg/day	
Biodegradable Waste generation	3722.31	Kg/day	
Non-Biodegradable Waste generation	2481.54	Kg/day	
Dry Waste generation	3490.65	Kg/day	

From Fixed population@250gms/person/day	2895.75	Kg/day	
From Floating population@150gms/person/day	594.9	Kg/day	
Wet Waste generation	2713.2	Kg/day	
From Fixed population@200gms/person/day	2316.6	Kg/day	
From Floating population@100gms/person/day	396.6	Kg/day	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 12/01/2023 mentioning is as follows:

1. I, Dr. Abha Garg is EIA Coordinator of M/s Mantras Green Resources Limited.
2. I, have prepared the EIA report for the proposal Proposed IT/ITES Project located at Plot No. - 1B, Sector-140A, Noida, District-Gautam Buddha Naga, U.P., M/s IT Infrastructure Park Private Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with Application/EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied in EIA report.
8. The EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 02

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

Additional Conditions:

1. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
2. 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. 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 township 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 should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEFCC, Lko/Director of Environment and other concerning authority regularly.
8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
9. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
10. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

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 and 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 25th 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 (Khanda-Boulder/Gitti-Ballast)" Mine at Arazi No-93/1, Village-Lakhanpura, Tehsil & District-Lalitpur, Shri Mohit Niranjana, Area – 1.821 ha., File No. 7551/6927/ Proposal No. SIA/UP/MIN/412308/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s 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 Gata No. 93/1, Village- Lakhanpura, Tehsil-Lalitpur, District-Lalitpur, Uttar Pradesh, (Leased Area- 1.821 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 52/ Parya/SEIAA/ 6927/2022, dated 06/05/2022.
3. The Public Hearing was organized on 09/11/2021. Final EIA Report was submitted by the Project Proponent on 17/01/2023.

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

1.	On-line proposal No.	SIA/UP/MIN/412308/2022
2.	File No. allotted by SEIAA, UP	7551/6927
3.	Name of Proponent	Shri Mohit Niranjana
4.	Full correspondence address of proponent and mobile no.	Shri Mohit Niranjana R/o- 420, Azadpura, Near Risala mandir, District- Lalitpur, U.P. E-mail Id- mohitniranjana5418@gmail.com
5.	Name of Project	Building Stone (Sandstone) Mining Village- Lakhanpura, Tehsil-Lalitpur, District-Lalitpur,

Minutes of 724th SEAC-2 Meeting Dated 03/02/2023

		Uttar Pradesh																
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. – 93/1, Village- Lakhnpura, Tehsil-Lalitpur, District-Lalitpur, Uttar Pradesh																
7.	Name of River	NA																
8.	Name of Village	lakhnpura																
9.	Tehsil	Lalitpur																
10.	District	Lalitpur																
11.	Name of Minor Mineral	Building Stone (Sandstone)																
12.	Sanctioned Lease Area (in Ha.)	1.821 ha.																
13.	Max. & Min mRL within lease area	Highest mRL is 356.8 & Lowest is 352.4 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° 51'02.32"N</td><td>78°27'05.54"E</td></tr><tr><td>B</td><td>24° 51'06.63"N</td><td>78°27'03.11"E</td></tr><tr><td>C</td><td>24° 51'08.23"N</td><td>78°27'07.63"E</td></tr><tr><td>D</td><td>24° 51'03.92"N</td><td>78°27'09.60"E</td></tr></table>		Pillar	N	E	A	24° 51'02.32"N	78°27'05.54"E	B	24° 51'06.63"N	78°27'03.11"E	C	24° 51'08.23"N	78°27'07.63"E	D	24° 51'03.92"N	78°27'09.60"E
Pillar	N	E																
A	24° 51'02.32"N	78°27'05.54"E																
B	24° 51'06.63"N	78°27'03.11"E																
C	24° 51'08.23"N	78°27'07.63"E																
D	24° 51'03.92"N	78°27'09.60"E																
15.	Total Geological Reserves	937926 m ³																
16.	Total Mineable Reserve (as per Approved Mine Plan)	402870 m ³																
17.	Total Proposed Production (In 5 Years)	136575 m ³ (In 5 Years)																
18.	Proposed Production/year	27315 m ³ /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.	No. of vehicles movement/day	8																
25.	Type of Land	Revenue land																
26.	Ultimate of Depth of Mining	Upto 320 mRL																
27.	Nearest metalled road from site	1000 m																
28.	Water Requirement	<table><tr><td>PURPOSE</td><td>PURPOSE</td></tr><tr><td>Drinking</td><td>0.52 KLD</td></tr><tr><td>Suppression of dust</td><td>4.00 KLD @ 1.0 KL for 250 m</td></tr><tr><td>Plantation</td><td>0.60 KLD</td></tr><tr><td>Others (if any)</td><td>-</td></tr><tr><td>Total</td><td>5.12 KLD</td></tr></table>		PURPOSE	PURPOSE	Drinking	0.52 KLD	Suppression of dust	4.00 KLD @ 1.0 KL for 250 m	Plantation	0.60 KLD	Others (if any)	-	Total	5.12 KLD			
PURPOSE	PURPOSE																	
Drinking	0.52 KLD																	
Suppression of dust	4.00 KLD @ 1.0 KL for 250 m																	
Plantation	0.60 KLD																	
Others (if any)	-																	
Total	5.12 KLD																	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s AWS Envirotech (OPC) Pvt. Ltd 2 nd floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar , Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14,2025																
30.	Any litigation pending against the project or land in any court	No																
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 697/30-mines/ 2021-22																
32.	Details of Lease Area in approved DSR	1.821 ha.																
33.	Proposed CER cost	Rs. 2.8 Lakhs																
34.	Proposed EMP cost	Total project cost- Rs. 1.4 Crore, EMP cost- (Capital cost- Rs. 6.5 Lakhs & Recurring Cost- Rs. 5.1 Lakhs)																
35.	Length and breadth of Haul Road	1000 m																
36.	No. of Trees to be Planted	300																

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 27/12/2022 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I, have prepared the EIA report for the proposal Building Stone (Sandstone) Mining at Gata No. 93/1, Village- Lakhanpura, Tehsil-Lalitpur, District-Lalitpur, Uttar Pradesh, (Leased Area- 1.821 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 EC are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EMP report for the Proposal is prepared by my team as per guideline 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 500 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 500 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. Project of Ordinary Earth Mining Project at Gata No.- 1629, Village: Teergaon, Tehsil: Nawabganj, District- Barabanki, Shri Shailendra Kumar, Area – 0.641 ha., File No. 7552/ Proposal No. SIA/UP/MIN/414566/2023

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 environmental clearance is sought for Ordinary Earth Mining Project at Gata No.- 1629, Village: Teergaon, Tehsil: Nawabganj, District- Barabanki, U.P., (Leased Area – 0.641 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	Final EIA report submitted on	16/01/2023	
2.	On-line proposal No.	SIA/UP/MIN/ 414566/2023	
3.	File No. allotted by SEIAA, UP	7552	
4.	Name of Proponent	Shri Shailendra Kumar S/o ShriRajendra Prasad	
5.	Full correspondence address of proponent and mobile no.	Add.-Shekhnapurwa, Lakshanpur,Barabanki, Uttar Pradesh- 225122.	
		Email.id- shailendrasoilec@gmail.com	
		Mobile No.- -	
6.	Name of Project	Environmental Clearance of proposed Project of Ordinary Earth Mining Project at Gata No.- 1629, Village: Teergaon, Tehsil: Nawabganj, District- Barabanki, Shri Shailendra Kumar, Area – 0.641 ha.	
7.	Project Location (Plot. Khasra/Gata No.)	Gata Nos. 1629	
8.	Name of River	NA	
9.	Name of Village	Teergaon	
10.	Tehsil	Nawabganj	
11.	District	Barabanki	
12.	Name of Minor Mineral	Ordinary Soil mining	
13.	Sanctioned Lease Area (in Ha.)	Area - 0.641 ha	
14.	Max. & Min mRL within lease area	Highest mRL – 111.00 mRL	
		Lowest mRL – 110 .00mRL	
15.	Pillar Coordinates (Verified by DMO)	Gata	Pillar , Latitude Longitude
		272	A/ 26°48'4.00"N, 81°12'15.00"E
			B/ 26°48'3.71"N, 81°12'16.45"E
			C/ 26°48'3.12"N, 81°12'16.40"E
			D/ 26°48'2.96"N, 81°12'18.13"E

			E/ 26°48'4.25"N, 81°12'18.49"E
			F/ 26°48'2.19"N, 81°12'19.45"E
			G/ 26°48'1.70"N, 81°12'16.31"E
			H/ 26°48'1.09"N, 81°12'16.33"E
			I/ 26°48'1.07"N, 81°12'14.90"E
16.	Total Geological Reserves	14102 m ³	
17.	Total Mineable Reserve	11373 m ³	
18.	Total Proposed Production	11373 m ³ (3.0 months)	
19.	Proposed Production /year (as per LoI)	11373m ³ (3.0 months)	
20.	Sanctioned Period of Mine lease	Plan Period (3.0 months)	
21.	Method of Mining	Mining operation shall be semi-mechanized (OTFM)	
22.	No. of vehicles movement/day	20	
23.	Type of Land	Govt./Non Forest Land	
24.	Depth of Mining	2.20 m	
25.	Nearest metalled road from site	0.50 km	
26.	Water Requirement	PURPOSE	
		Drinking	- 0.30 KLD
		Suppression of dust	- 2.00 KLD
		Plantation	- 0.32 KLD
		Others (if any)	- 0.00 KLD
		Total	- 2.62 KLD
27.	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	
28.	Any litigation pending against the project or land in any court	No	
29.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No. 882/ A J A II, Dated 05/01/2023	
30.	Details of Lease Area in approved DSR	Simple Soil Mining	
31.	Project Cost	12.0 Lakh	
32.	Proposed CER cost	0.5 Lakh	
33.	Length and breadth of Haul Road	Length – 0.20 km, Breadth – 6.00 m	
34.	No. of Trees to be Planted	200	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 01/02/2023 mentioning is as follows:

- I, Dr. Surendra Vikram Ghavri S/o Sri Pratap Kumar am EIA Coordinator of Paramarsh Servicing Environment and Development.
- I have prepared Form-1, PFR and EMP for the Ordinary Earth Mining Project at Gata No.- 1629, Village: Teergaon, Tehsil: Nawabganj, District- Barabanki, U.P., (Leased Area – 0.641 ha.) Proposal no. SIA/UP/MIN/414566/2023 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 Form-1, PFR and EMP preparations are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- 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.
- The Form-1, PFR and 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-2 to these minutes. The committee also stipulated following additional condition:

- The project proponent should planted 500 numbers of trees/ha in consultation with Forest Department and submit the compliance report to the concerned department/Department of environment.
- 5. Building stone (Khanda-Boulder/Gitti, Ballast)” Mine at Khand/Arazi No-931, Khand-02, Village– Gadiya, Tehsil Talbehat & District–Lalitpur, Shri Mohit Niranjn, Area- 1.821 Ha., File No. 7556/ 6926/ Proposal No. SIA/UP/MIN/412148/2022**

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

- The environmental clearance is sought for Building stone (Khanda-Boulder/Gitti, Ballast)” Mine at Khand/Arazi No-931, Khand-02, Village– Gadiya, Tehsil Talbehat & District–Lalitpur, U.P., (Leased Area- 1.821).
- The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 42/Parya/SEIAA/ 6926/2022, dated 06/05/2022.
- The Public Hearing was organized on 04/11/2022. Final EIA Report was submitted by the Project Proponent on 19/01/2023.
- Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/412148/2022		
2.	File No. allotted by SEIAA, UP	7556/6926		
3.	Name of Proponent	Shri Mohit Niranjan		
4.	Full correspondence address of proponent and mobile no.	Shri Mohit Niranjan R/o- 420, Azadpura, Near Risala Mandir, District- Lalitpur, Uttar Pradesh E-mail Id-mohitniranjan5418@gmail.com		
5.	Name of Project	Building Stone(Sandstone) Mining Village- Gadiya, Tehsil-Talbehat, District-Lalitpur, Uttar Pradesh		
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. –931 Khand-02 Village- Gadiya, Tehsil- Talbehat, District-Lalitpur, Uttar Pradesh		
7.	Name of River	NA		
8.	Name of Village	Gadiya		
9.	Tehsil	Talbehat		
10.	District	Lalitpur		
11.	Name of Minor Mineral	Building Stone(Sandstone)		
12.	Sanctioned Lease Area (in Ha.)	3.439 ha.		
13.	Max. & Min mRL within lease area	Highest mRL is 333.2& Lowest is 326.1mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar	N	E
		A	24° 50'49.62"N	78°29'36.31"E
		B	24° 50'51.22"N	78°29'36.13"E
		C	24° 50'55.81"N	78°29'39.76"E
		D	24° 50'53.92"N	78°29'44.05"E
		E	24° 50'47.14"N	78°29'41.00"E
15.	Total Geological Reserves	1064880 m ³		
16.	Total Mineable Reserve (as per Approved Mine Plan)	531969 m ³		

17.	Total Proposed Production (In 5 Years)	257925m ³ (In 5 Years)	
18.	Proposed Production/year	51585m ³ /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.	No. of vehicles movement/day	8	
25.	Type of Land	Govt. land	
26.	Ultimate of Depth of Mining	Upto 303 mRL	
27.	Nearest metalled road from site	500m	
28.	Water Requirement	PURPOSE	PURPOSE
		Drinking	0.52 KLD
		Suppression of dust	2.00 KLD @ 1.0 KL for 250 m
		Plantation	0.60 KLD
		Others (if any)	-
		Total	3.12 KLD
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s AWS Envirotech (OPC) Pvt. Ltd 2 nd floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar , Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14,2025	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 857/30-mines/2021-22	
32.	Details of Lease Area in approved DSR	3.439 ha.	
33.	Proposed CER cost	Rs.2.5 Lakhs	
34.	Proposed EMP cost	Total project cost- Rs. 1.54 Crore, EMP cost- (Capital cost- Rs. 6.0 Lakhs & Recurring Cost- Rs. 4.5 Lakhs)	
35.	Length and breadth of Haul Road	500m	
36.	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 27/12/2022 mentioning is as follows:

- I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
- I, have prepared the EIA report for the proposal Building stone (Khanda-Boulder/Gitti, Ballast) Mine at Khand/Arazi No-931, Khand-02, Village- Gadiya, Tehsil Talbehat & District-Lalitpur, U.P., (Leased Area- 1.821) 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 submitted along with EC are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivash Portal.
- I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.

7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

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 500 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 500 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.

6. Building stone (sandstone) Mine at Gata/Arazi No- 28/13, Village- Sonbarsa, Tehsil-Lalganj, District- Mirzapur, Shri Satyendra Dubey, Area- 1.616 Ha., File No. 7559/ Proposal No. SIA/UP/MIN/414952/2023

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 Araji/Gata no.- 28/13, Village-Sonbarsa, Tehsil-Lalganj, District-Mirzapur, U.P., LeasedArea-1.616 ha.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/414952/2023																
2.	File No. allotted by SEIAA, UP	7559																
3.	Name of Proponent	Satyendra Dhar Dubey																
4.	Full correspondence address of proponent and E-mail Id	R/o Village & Post- Kalna, Thana- Vindhyachal, District- Mirzapur, Uttar Pradesh-231303 Email: satyendradhardubey5418@gmail.com																
5.	Name of Project	“Building stone (sandstone)” Mine at Gata No.- 28/13, Village- Sonbarsa, Tehsil- Lalganj, District-Mirzapur, Uttar Pradesh.																
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.- 28/13, Village- Sonbarsa, Tehsil- Lalganj, District-Mirzapur, Uttar Pradesh																
7.	Category of Project	B2																
8.	Name of River	NA																
9.	Name of Village	Sonbarsa																
10.	Tehsil	Lalganj																
11.	District	Mirzapur																
12.	Name of Minor Mineral	Building Stone (Sandstone)																
13.	Sanctioned Lease Area (in Ha.)	1.616 ha.																
14.	Max. & Min mRL within lease area	Highest mRLis 116.60 & Lowest is 112.80 mRL																
15.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillar</td><td>N</td><td>E</td></tr><tr><td>A</td><td>25°05'49.40"N</td><td>82°23'56.20"E</td></tr><tr><td>B</td><td>25°05'47.95"N</td><td>82°23'59.82"E</td></tr><tr><td>C</td><td>25°05'44.58"N</td><td>82°23'58.11"E</td></tr><tr><td>D</td><td>25°05'46.46"N</td><td>82°23'54.65"E</td></tr></table>		Pillar	N	E	A	25°05'49.40"N	82°23'56.20"E	B	25°05'47.95"N	82°23'59.82"E	C	25°05'44.58"N	82°23'58.11"E	D	25°05'46.46"N	82°23'54.65"E
Pillar	N	E																
A	25°05'49.40"N	82°23'56.20"E																
B	25°05'47.95"N	82°23'59.82"E																
C	25°05'44.58"N	82°23'58.11"E																
D	25°05'46.46"N	82°23'54.65"E																
16.	Total Geological Reserves	791745 m ³																
17.	Total Mineable Reserve (as per Approved Mine Plan)	263790m ³																
18.	Total Proposed Production	45000m ³ /year																
19.	Proposed Production/year	45000m ³ /year																
20.	Sanctioned Period of Mine lease	10 years																
21.	Method of Mining	Opencast, Semi-Mechanized																
22.	No. of working days	300																
23.	Working hours/day	8																
24.	No. of worker	52																
25.	Type of Land	Govt. land																
26.	Ultimate of Depth of Mining	Upto98mRL																
27.	Nearest metalled road from site	160 m																
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)															
		Drinking	0.52 KLD															
		Suppression of dust	1.4 KLD															
		Plantation	0.60 KLD															
		Others (if any)	-															
		Total	2.52 KLD															

29.	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
30.	Any litigation pending against the project or land in any court	No
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 1869/khanij/2022
32.	Details of Lease Area in approved DSR	1.616 ha.
33.	Proposed CER cost	Rs. 1.6 Lakhs
34.	Proposed EMP cost	Total project cost- Rs. 80 Lakhs, EMP cost is 4.5 lakhs as capital cost and 4.0 lakhs/year as recurring cost
35.	Distance of Haul Road	160 m
36.	No. of Trees to be Planted	300

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 27/12/2022 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I, have prepared the EIA report for the proposal Building Stone(Sandstone) Mining atAraji/Gata no.-28/13,Village-Sonbarsa, Tehsil-Lalganj, District-Mirzapur, U.P., LeasedArea-1.616 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 EC are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guideline 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 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 500 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 500 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 environmental clearance will be co-terminus with mining plan.
3. The project proponent shall install solar light in their site office.

4. 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.
 5. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
 6. 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
 7. 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.
 8. 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.
 9. 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.
 10. 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.
 11. 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.
 12. 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.
 13. The project proponent should explore the possibilities of rainwater harvesting.
 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.
- 7. “Building stone (khanda-boulder/gitti-ballast)” Mine at Arazi No-02/1, Village–Lakhanpura, Tehsil & District–Lalitpur, Shri Harjit Singh, Area – 1.073 ha., File No. 7563/6929/ Proposal No. SIA/UP/MIN/412240/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s 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 (Khanda-Boulder/Gitti-Ballast) Mining at Gata No. 02/1, Village- Lakhanpura, Tehsil & District- Lalitpur, U.P., (Leased Area- 1.073 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 51/Parya/SEIAA/ 6929/2022, dated 06/05/2022.
3. The Public Hearing was organized on 09/11/2022. Final EIA Report was submitted by the Project Proponent on 10/12/2022.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/412240/2022
2.	File No. allotted by SEIAA, UP	7563/6929

Minutes of 724th SEAC-2 Meeting Dated 03/02/2023

3.	Name of Proponent	Shri Harjit Singh																						
4.	Full correspondence address of proponent and mobile no.	Shri Harjit Singh R/o 526, Civil Line, Kachhahari Road, District- Lalitpur, Uttar Pradesh E-mail Id- harjitsingh541818@gmail.com																						
5.	Name of Project	Building Stone (Khanda-Boulder/Gitti-Ballast) Mining Village – Lakhanpura, Tehsil & District–Lalitpur, Uttar Pradesh																						
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. – 02/1, Village –Lakhanpura, Tehsil & District–Lalitpur, Uttar Pradesh																						
7.	Name of River	NA																						
8.	Name of Village	Lakhanpura																						
9.	Tehsil	Lalitpur																						
10.	District	Lalitpur																						
11.	Name of Minor Mineral	Building Stone (Khanda-Boulder/Gitti-Ballast)																						
12.	Sanctioned Lease Area (in Ha.)	1.073 ha.																						
13.	Max. & Min mRL within lease area	Highest mRL is 351.8 & Lowest is 347.4 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° 51'14.70"N</td><td>78°26'57.10"E</td></tr><tr><td>B</td><td>24° 51'16.30"N</td><td>78°26'56.90"E</td></tr><tr><td>C</td><td>24° 51'21.00"N</td><td>78°26'57.60"E</td></tr><tr><td>D</td><td>24° 51'21.40"N</td><td>78°26'59.00"E</td></tr><tr><td>E</td><td>24° 51'17.20"N</td><td>78°26'59.30"E</td></tr><tr><td>F</td><td>24° 51'15.30"N</td><td>78°27'00.60"E</td></tr></table>		Pillar	N	E	A	24° 51'14.70"N	78°26'57.10"E	B	24° 51'16.30"N	78°26'56.90"E	C	24° 51'21.00"N	78°26'57.60"E	D	24° 51'21.40"N	78°26'59.00"E	E	24° 51'17.20"N	78°26'59.30"E	F	24° 51'15.30"N	78°27'00.60"E
Pillar	N	E																						
A	24° 51'14.70"N	78°26'57.10"E																						
B	24° 51'16.30"N	78°26'56.90"E																						
C	24° 51'21.00"N	78°26'57.60"E																						
D	24° 51'21.40"N	78°26'59.00"E																						
E	24° 51'17.20"N	78°26'59.30"E																						
F	24° 51'15.30"N	78°27'00.60"E																						
15.	Total Geological Reserves	471828 m ³																						
16.	Total Mineable Reserve (as per Approved Mine Plan)	138672 m ³																						
17.	Total Proposed Production (In 5 Years)	80475 m ³ (In 5 Years)																						
18.	Proposed Production/year	16095 m ³ /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.	No. of vehicles movement/day	8																						
25.	Type of Land	Revenue land																						
26.	Ultimate of Depth of Mining	Upto 327 mRL																						
27.	Nearest metalled road from site	100m																						
28.	Water Requirement	<table><tr><td>PURPOSE</td><td>PURPOSE</td></tr><tr><td>Drinking</td><td>0.52 KLD</td></tr><tr><td>Suppression of dust</td><td>1.2 KLD @ 1.0 KL for 250 m</td></tr><tr><td>Plantation</td><td>0.6 KLD</td></tr><tr><td>Others (if any)</td><td>-</td></tr><tr><td>Total</td><td>2.32 KLD</td></tr></table>		PURPOSE	PURPOSE	Drinking	0.52 KLD	Suppression of dust	1.2 KLD @ 1.0 KL for 250 m	Plantation	0.6 KLD	Others (if any)	-	Total	2.32 KLD									
PURPOSE	PURPOSE																							
Drinking	0.52 KLD																							
Suppression of dust	1.2 KLD @ 1.0 KL for 250 m																							
Plantation	0.6 KLD																							
Others (if any)	-																							
Total	2.32 KLD																							
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s AWS Envirotech (OPC) Pvt. Ltd 2 nd floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar , Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14,2025																						
30.	Any litigation pending against the project or land in any court	No																						
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 696/30-mines/ 2021-22																						
32.	Details of Lease Area in approved DSR	1.073 ha.																						
33.	Proposed CER cost	Rs.2.5 Lakhs																						
34.	Proposed EMP cost	Total project cost- Rs. 1.0 Crore, EMP cost- (Capital																						

		cost- Rs. 5 Lakhs & Recurring Cost- Rs. 3.75 Lakhs)
35.	Length and breadth of Haul Road	300 m & 6m
36.	No. of Trees to be Planted	300

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

The consultant (EIA Coordinator) also submitted an affidavit dated 27/12/2022 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I, have prepared the EIA report for the proposal Building Stone (Khanda-Boulder/Gitti-Ballast) Mining at Gata No. 02/1, Village- Lakhanpura, Tehsil & District- Lalitpur, U.P., (Leased Area- 1.073 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 07

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

1. Project proponent has committed to plant 500 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 500 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 3 years 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.

8. Expansion of Existing Rolling Mill of 100000 MTPA TMT Bar to Production of 200000 MTPA TMT Bar and 264000 MTPA Billets/Ingot/Rolling Mill Khasra No. 1417/1418/1420/ 1422 Bistrakh Road, Chhapraula, Greater Noida (West), Gautam Budh Nagar, K L Rathi Steels Ltd., File No. 7362/ Proposal No. SIA/UP/IND1/406102/2022

The committee noted that the matter was earlier listed in 709th SEAC meeting dated 14/12/2022 and the project proponent did not appear in the meeting. The project proponent through online Parivesh portal on 18/01/2023 have requested to list the matter in upcoming SEAC meeting and the matter was listed in 724th SEAC meeting dated 03/02/2023 for ToR presentation.

A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development), Lucknow, UP. 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 Expansion of Existing Rolling Mill of 100000 MTPA TMT Bar to Production of 200000 MTPA TMT Bar and 264000 MTPA Billets/Ingot/Rolling Mill Khasra No. 1417/1418/1420/ 1422 Bistrakh Road, Chhapraula, Greater Noida (West), Gautam Budh Nagar, U.P., M/s K L Rathi Steels Ltd.
2. Consent to establish (CTE) for the existing unit was issued by UPPCB vide letter no. 345/019/40/24/99 dated 18/03/1999.
3. The project proponent has proposed to install (40x2) 80 ton capacity Induction Furnaces with annual production capacity of 200000 MTPA TMT Bars and 264000 MTPA Billet & Ingot.
4. Salient features of the project:

Particulars	Details
Proposed Project	M/s KL Rathi Steels Limited

Location	Khasra No. 1417,1418,1420,1422 Bsrakh Road, Chhapraula, Greater Noida (West), GautamBudh Nagar, UP- 201318
Latitude	28°36'58.36"N
Longitude	77°28'3.33"E
Category of the project	3(a) Metallurgical industries (ferrous & non ferrous)
Proposed Capacity	TMT Bars 200000 MS Billets:- 264000 MT/year Raw Material MS Scrap: 200000 MT/year Sponge: 64000 MT/year
Existing Capacity	100000 MTPA TMT Bars
Land Area	8.09 ha
Khasra Number	1417,1418,1420,1422
Power requirement	18500 KVA
Raw Material	M.S Scrap 200000 MT/Annum Sponge- 64000 MT/Annum
Manpower requirement	170
Estimated Project Cost	115 Crores

5. Land use details:

Land use details	Area (m ²)	Percentage (%) of area
Green belt /open area	21263.23	33.00
Road/paved area	12118.81	18.81
Parking Area	9000.00	13.97
Rooftop area of building /sheds	22052.00	34.22
Total	64434.04	100.00

6. Water and waste water details:

S. No	Activity	Required Quantity (KLD)	Waste Water Generation (KLD)
1	Domestic	10.0	8.0
2	Cooling Tower	180.2	10
3	Gardening	9.8	0
	Total	200	18.0
ETP			20

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

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

- I, Dr. Shibeshwar Prasad, S/o Dr. Bisheshwar Prasad, am EIA Coordinator of M/s Paramarsh (Servicing Environment and Development, Lucknow).
- I have prepared the Form-1, Pre-feasibility report for the File No. 7362, (Proposal No. SIA/UP/IND1/406102/2022, of the client Shri Dhananjay Rathi, Director, for the terms of reference (ToR) for the Expansion of Existing Rolling Mill of 100000 MTPA TMT Bar to Production of 200000 MTPA TMT Bar and 264000 MTPA Billets/Ingot/Rolling Mill Khasra No. 1417/1418/1420/ 1422 Bsrakh Road, Chhapraula, Greater Noida (West), Gautam Budh Nagar, U.P., M/s K L Rathi Steels Ltd. with my team.
- I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site in the expansion area for the present proposal.
- I am satisfied with that all the necessary data/information required for TOR application preparation are true and correct.
- I certify that this project has been uploaded for this first time on Parivesh portal.
- I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
- The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 08

The committee discussed the matter and recommended to issue standard terms of reference prescribed by MoEFCC along with additional TOR for the preparation of EIA:

Additional TOR:

1. 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.
2. Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface.
3. The project proponent shall submit the required permissions (NOC) from the concerned authority for establishment of the said project. No construction/development activity shall be done at site without obtaining the required permissions.
4. Compliance report of CTE/CTO for the existing project should be presented at the time of EIA.
5. Minimum 03 meter green belt should be developed around the periphery of the plant. Drone videography around the plant should be presented at the time of EIA.
6. Detailed Plan for slag disposal/utilization to be prepared on the basis of the latest technology and presented at the time of EIA presentation.
7. Detailed plan for Air pollution control system along with primary and secondary system to control fugitive emissions to be submitted.
8. Existing green belt detail and proposed plantation along with map to be submitted with number of trees and species. Layout plan of green belt to be submitted.
9. Photographs of existing plant along with air pollution control system to be submitted.
10. Compliance report of CPCB/SPCB direction/guidelines for this category of plants to be submitted.
11. Layout map plan of industry which includes location of existing unit, proposed expansion and location of utilities etc.
12. Monitoring site photographs along with proponent/ proponent representative, date, time and place with geo coordinates should be submitted and monitoring should be conducted as per CPCB SOP. Concerned monitoring incharge along with original monitoring report should be present at the time of EIA presentation.
13. Existing ETP status along with proposal of ETP expansion 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.

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. Comparative details of existing plant and proposed expansion.
 - ii. Compliance report of CTO/CTE for existing unit.
 - iii. Cost of project and time of completion.
 - iv. Products with capacities for the proposed project.
 - v. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any
 - vi. List of raw materials required and their source along with mode of transportation.
 - vii. Other chemicals and materials required with quantities and storage capacities
 - viii. Details of Emission, effluents, hazardous waste generation and their management.
 - ix. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)

- x. Process description along with major equipments and machineries, process flow sheet (quantitative) from raw material to products to be provided
- xi. Hazard identification and details of proposed safety systems.
- xii. Expansion/modernization proposals:
- xiii. 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.
- xiv. 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 2006 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 plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. Landuse 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 upto 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, PM_{2.5}, SO₂, NO_x, 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 NAAQM 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 Modelling 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 modelling 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 modelling - 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, colour 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) Enterprise Social Commitment (ESC)
- 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.
- 12) 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.
- 13) A tabular chart with index for point wise compliance of above TOR.

1. Complete process flow diagram describing each unit, its processes and operations, along with material and energy inputs & outputs (material and energy balance).
2. Details on blast furnace/ open hearth furnace/ basic oxygen furnace/ladle refining, casting and rolling plants etc.
3. Details on installation/activation of opacity meters with recording with proper calibration system
4. Details on toxic metals including mercury, arsenic and fluoride emissions
5. Details on stack height requirement for integrated steel
6. Details on ash disposal and management -Non-ferrous metal
7. Complete process flow diagram describing production of lead/zinc/copper/ aluminium, etc.
8. Raw materials substitution or elimination
9. Details on smelting, thermal refining, melting, slag fuming, and Waelz kiln operation
10. Details on Holding and de-gassing of molten metal from primary and secondary aluminum, materials pre-treatment, and from melting and smelting of secondary aluminium
11. Details on solvent recycling
12. Details on precious metals recovery
13. Details on composition, generation and utilization of waste/fuel gases from coke oven plant and their utilization.
14. Details on toxic metal content in the waste material and its composition and end use (particularly of slag).
15. Trace metals Mercury, arsenic and fluoride emissions in the raw material.
16. Trace metals in waste material especially slag.
17. Plan for trace metal recovery
18. Trace metals in water

(Prof. Jaswant Singh)
Member, SEAC-2

(Dr. Amrit Lal Haldar)
Member, SEAC-2

(Dr. Dineshwar Prasad Singh)
Member, SEAC-2

(Tanzar Ullah Khan)
Member, SEAC-2

(Dr. Shiv Om Singh)
Member, SEAC-2

(Dr. Harikesh Bahadur Singh)
Chairman, SEAC-2

Nodal, SEAC-2

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

Annexure-1

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

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x 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, SO₂, NO_x) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

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

B. Specific Conditions:

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

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

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

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

Annexure-2

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

General condition:

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

Specific Conditions:

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

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