

Minutes of 814th SEAC-2 Meeting Dated 06/12/2023

The 814th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 06/12/2023. Following members participated in the meeting:

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| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2 |
| 2. | Dr. Amrit Lal Halder, | Member, SEAC-2 (through VC) |
| 3. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 4. | Shri Tansar Ullah Khan, | Member, SEAC-2 (through VC) |
| 5. | Prof. Jaswant Singh, | Member, SEAC-2 (through VC) |
| 6. | Dr. Shiv Om Singh, | Member, SEAC-2 (through VC) |
| 7. | Shri Ashish Tiwari, | Member Secretary, SEAC-2 |
| 8. | Dr. S.K. Goyal, | Member, NEERI |

The Chairman welcomed the members to the 814th SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Directorate of Environment.

1. “Novotel Hotel” project at Khasra No.- 2021, 2041 Mauza Basai Mustkil, Tajganj, Tehsil & District: Agra. Shri Rishi Goyal, M/s Pyramid Estates Private Limited., 8422/SIA/UP/INFRA2/450796/2023

The project proponent submitted an application dated 01/11/2023 (Proposal No. SIA/UP/INFRA2/450796/2023) was submitted by the project proponent M/s Pyramid Estates Private Limited for environmental clearance of Proposed “Novotel Hotel” project at Khasra No.- 2021, 2041 Mauza Basai Mustkil, Tajganj, Tehsil & District: Agra”.

In compliance of Hon’ble Supreme Court order dated 08/12/2021 in Writ Petition (Civil) No. 13381/1984, NEERI has nominated Dr. S.K. Goyal as a representative/member in SEAC, U.P. to appraise the proposal under the TTZ area. The above project proposal comes under the TTZ area and Dr. S.K. Goyal, representative of NEERI was present during the meeting through video conferencing for the appraisal of projects.

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

1. The environmental clearance is sought for “Novotel Hotel” project at Khasra No.- 2021, 2041 Mauza Basai Mustkil, Tajganj, Tehsil & District: Agra, U.P., M/s Pyramid Estates Private Limited.
2. Salient features of the project:

Name and Location of the Project	Proposed “Novotel Hotel” project at Khasra No. 2021, 2041 Mauza Basai Mustkil, Tajganj, Tehsil & District: Agra, Uttar Pradesh.
Developers of the project	M/s Pyramid Estates Private Limited.
Total Plot Area (as per site)	4932.15 sq.m. (0.4932 Hectares approx)
Built-up Area	24671.15 sq.m
Power Requirement & Source	Power requirement will be 1770 KVA which will be tapped From State Electricity Board.
Power Backup	Backup Genset will be used 2 Nos @ (1010 KVA) and 1 No @ (500

	KVA)
Total Parking Proposed	332 ECS
Solid Waste to be Generated	Approx. 0.489 TPD Horticulture Waste : 3.6 kg /Day
Total Project Cost	Rs. 150.63 Crores
Solar Lights	Solar based lighting (10 % of total power requirement) will be provided.
Facilities	Hotel consisting different facilities like Guest Rooms, Restaurant, banquet hall etc.
Items	Details
Detail Area Statement with no. of dwelling units/shops & building height	The proposed Hotel has 11 Nos. of Floor (Including Ground Floor & Terrace Floor) 10 Floors + Terrace Floor + Service Trough Basement : Three Number
Maximum Height	Approx. 37.0 m
Water Requirement & Source	Fresh water: 147.17 KLD (from Ground water) Reuse of treated effluent as received from the STP :60.6 KLD Total water requirement: 207.77 KLD
Sewage treatment & disposal	The waste water generated from hotel (i.e., 160.38 KLD) would be treated in the STP of capacity 192 KLD. Recycled water shall be used after tertiary treatment i.e., 42.65 KLD water for flushing, 5 KLD for Genset cooling, 10 KLD for HVAC cooling and 2.98 KLD for horticulture uses.
Connectivity	The proposed site is well connected with Road, Rail and Air networks. It is part of Agra City. Agra Fort Railway Station – 8.0 km, SH-56 (Fatehabad Road) – 0.27 km in west direction, Inner Ring Road – 1.24 km in South East and Agra Airport – 12 km in west direction from project site.

3. Detailed area statement:

Particulars	Details	Unit
Area as per document	5267.7	Sq.m.
Area for Road Widening	335.55	Sq.m.
Net Plot Area	4932.15	Sq.m.
Permissible Ground Coverage (40.00%)	1972.86	Sq.m.
Proposed Ground Coverage (39.81%)	1963.34	Sq.m.
Remaining Ground Coverage (0.19%)	9.52	Sq.m.
Permissible Basic FAR	9864.3	Sq.m.
Proposed FAR of Hotel (@ 2.93)	14460.07	Sq.m.
Proposed Non-FAR	14806.85	Sq.m.
Purchasable F.A.R. (@ 0.93%)	4595.77	Sq.m.
Proposed Total Built Up Area [FAR + Non-FAR + Purchasable F.A.R.]	24671.15	Sq.m.
Open Area 60.19 %	2968.81	ECS
Required Green Area (@ 20% of Total Plot Area)	986.4	ECS
Proposed Green Area (@ 20% % of Net Plot Area)	986.43	Sq.m.
Parking Area Required as per regulations	5525	Sq.m.
Parking Area Proposed	5564	Sq.m.
Total ECS Required	110.5	Nos.
Total ECS Proposed	332	Nos.
Maximum height of the building (in mtrs)	37	Mtrs
Required number of trees	10.53	Nos.
Proposed no of tree to be planted	15	Nos.
Rain water harvesting pit proposed	2	Nos.
Provision of Solar light / Solar Water Heater (if any kindly provide the details)	160 kw (approx. 10%) for basement light.	

4. During operation phase, the total quantity of one-time water requirement for the proposed hotel is 207.77 KLD. Fresh Water requirement of 147.17 KLD would be met from the municipal supply / ground water. Approx: 160.38 KLD waste water will be generated from the project which shall be treated in a proposed Sewage Treatment Plant of capacity 192 KLD. Recycled water shall be used after tertiary treatment i.e., 42.65 KLD water for flushing, 5 KLD for Genset cooling, 10 KLD for HVAC cooling and 2.95 KLD for horticulture uses.

5. Parking details:

Particulars	Details
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Parking Area Proposed	5564 sq.m
Required Parking	110.5 ECS
Proposed Parking	332
Total Parking	332

6. Solid waste details:

Location	Population/Area	Kg per capita per day	Waste generated (kg/day)	Waste generated (MT/day)
10 Floors + Terrace Floor + Service Trough	442	0.25	110.5	0.111
Staff	350	0.15	52.5	0.053
Visitors including Banquet Hall	2175	0.15	326.25	0.326
Total	2967		489.25	0.489
Horticulture Waste (Area-986.43 sqm) or 0.24 Acres @ 15kg/acre/day		15	3.6	0.0036
Grand Total			492.85	0.49285

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

Sr.No.	CER Activities	Year wise budget		
		01 st	2 nd	Total (in Lakhs)
1	Adoption of village School for improvement in infrastructure and facility like (Solar Light, Drinking Water Facility, Toilets, Laptop & Computers etc) and smart classes in village : Kua Khera, Kalal Khera.	36	35	71
2	Sensor based Solar light (400 Nos) distribution in village : Kua Khera, Kalal Khera	10	15	25
3	Plantation in nearby areas	10	10	20
4	Creation of Rain Water harvesting system in Government Offices, School, Panchayat Bhawan etc. in village : Kua Khera.	25	10	35
	Total	81	70	151.0
	Net Amount			151.0

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

In compliance to Hon'ble Supreme Court order dated December 08, 2021 NEERI has prepared a Sectoral Guidelines for different category of Industries/Project/Activities falling in the TTZ area. The project proponent also submitted the point wise compliance of TTZ sectoral guidelines (Box-1) conditions and air pollution score (as per the guidelines) is as follows:

Score A-1	Applicability of Group A1D	15
Score A-2	Absence of Group A2F1 & A2F2	Zero
Total Air Pollution Score		15

The consultant (EIA Coordinator) also submitted an affidavit dated 05/12/2023 mentioning is as follows:

1. I, Anubhav Singh, S/o Shri Bhupendra Singh is EIA Coordinator of M/s Environmental and Technical Research Centre.
2. I have prepared the Form-1, Form-1A and Conceptual Plan for "Novotel Hotel" project at Khasra No.- 2021, 2041 Mauza Basai Mustkil, Tajganj, Tehsil & District: Agra, U.P., M/s Pyramid Estates Private Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity for proposed expansion has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for EC application presentations are true and correct.

5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The Form-1, Form-1A and Conceptual Plan report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO-01

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

Additional Conditions:

1. Compliance of TTZ sectoral guidelines (Box-1) should be followed by project proponent.
2. Project proponent adhere to comply the order(s)/directions issued by Hon'ble Court(s)/TTZ Authority/ Competent authorities from time to time.
3. Project proponent should ensure that no effluent/waste water shall be discharged in the River Yamuna.
4. The project proponent shall have adequate space for parking of staff as well as for the visitors, and parking shall not be done on the roads, causing traffic disturbance.
5. Proponent shall also submit copy of 06 monthly compliance reports to CSIR-NEERI, Delhi at Scientist & Head, CSIR-NEERI Delhi Zonal Centre, A 93/94, Naraina Industrial Area, Phase I, New Delhi-110028.
6. Roof top rain water harvesting should be ensured and used for different purposes in the project.
7. Organic waste convertor should be installed.
8. Maximum solar potential should be used to minimize the power consumption.
9. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
10. 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 excavation and also comply with the other directions in the above writ petition.
11. 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.
12. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
13. 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.
14. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water.

15. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
16. The project proponent shall plan for stormwater management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time in the rainy season.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

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

waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.

9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
 8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 9. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
 10. 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.
 11. 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.
 12. All recharge should be limited to shallow aquifer.
 13. No ground water shall be used during construction phase of the project.
 14. 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.
 15. 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.
16. 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.
 17. No sewage or untreated effluent water would be discharged through storm water drains.
 18. 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.
 19. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
 20. 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.

2. Commercial Building Project “Purvanchal Skyline Vista” at Plot No. - 01A, Sector- 94, Noida, District- Gautam Buddha Nagar, Shri Jauhar Abbas, M/s Purvanchal Projects Pvt Ltd., 8424/SIA/UP/INFRA2/450853/2023

The project proponent submitted an application dated 01/11/2023 (Proposal No. SIA/UP/INFRA2/450853/2023) was submitted by the project proponent M/s Purvanchal Projects Pvt. Ltd. for environmental clearance of Proposed “Commercial Building Project “Purvanchal Skyline Vista” at Plot No. 01A, Sector- 94, Noida, District- Gautam Buddha Nagar, U.P., M/s Purvanchal Projects Pvt. Ltd.”.

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

the following facts have emerged: -

1. The environmental clearance is sought for Commercial Building Project “Purvanchal Skyline Vista” at Plot No. - 01A, Sector- 94, Noida, District- Gautam Buddha Nagar, U.P., M/s Purvanchal Projects Pvt. Ltd.

2. Project brief:

Type of project	Item 8(a), Category B (Building and Construction Project) As per the Schedule appended to the EIA Notification, 2006.
Nature of project	Proposed Commercial Building “Purvanchal Skyline Vista”
Size of project	Total Plot Area: 10,031sqm (1.003 hectare) Built-up Area: 66758.178sqm (6.675 hectare)
Location of project	Plot No. - 01A, Sector 94, Noida, Uttar Pradesh
Geographical Extent	Latitude 28°33'1.05"N Longitude 77°19'39.49"E Maximum elevation above MSL - 221m
Land Use	The total plot area for the development of proposed commercial building is 10,031.00sq.m, and is categorized as “Commercial Landuse”. As per Noida master plan 2021
Land Acquisition details	Possession Letter has been issued to project vide ref no Noida/Commercial/2023/2652 dated 17.02.2023
Approval by NOIDA	The layout and building plans has been approved by New Ohkla Industrial Development Authority on dated 21-10-2023
Structural Design certificate	Structural drawing and Design Certificate Vetted by IIT, Roorkee, Uttarakhand vide ref no CED/MAI/NNC/PPPL/01B dated 06-10-2023
Fire NOC	Provisional Fire NOC has been issued to project vide UID No: UPFS/2023/96687/GBN/GAUTAM BUDDH NAGAR/23275/JD dated 30-09-2023
Airport NOC	Airport NOC issued by AAI vide NOC ID SAFD/NORTH/B/071923/770338 dated 31-07-2023 valid up to 30-07-2031
Total Cost of the project	260.0 crores

3. Area details of the project:

Particulars	Area
Total Land Area	10,031.00 sqm
Permissible Ground Coverage @ 50%	5,015.500 sqm
Permissible F.A.R. @ 4.00	40,124.00 sqm
Service F.A.R. (15% of F.A.R.)	6,018.600 sqm
Proposed Ground Coverage @ 48.75%	4,890.156 sqm
Proposed F.A.R.	39,564.632 sqm
Exceeded service F.A.R. added in main F.A.R.	442.005 sqm
Total Proposed F.A.R.	40,006.837 sqm
Proposed Service F.A.R. (16.10% of F.A.R.)	6,460.804 sqm
Proposed Non-F.A.R.	5,110.075 sqm
Proposed stack parking area (In basement 1,2,3)	15,622.667 sqm
Total Built-up Area	66,758.178 sqm
Open Area = (Plot Area – Per. Ground Coverage)	5,015.500 sqm
Required Green = 25% of open area	1,253.875 sqm
Proposed Green	1,263.250 sqm
Required no of trees = 1 tree per 100 sqm of open area (5015.50/100)	50.155 trees
No of trees proposed (50% ever green)	51.00 trees
Total Basement Area (Basement 1, 2 & 3)	21,605.634 sqm
Total Population (Retail + Office)	10,260 persons
Required Parking	802.480 ECS
Parking provided	868 ECS

4. Proposed facility under the project:

S. No	Floor	Facility Provided
1	Basement -1	Stack Parking Hyper Market LT Panel Room

		Transformer & HT Room DG Set Room Charging point for Electric Vehicles Solid Waste Room Maintenance Room Maintenance storage Lobby Lifts and escalators Pump Room UG Tank Kiosk – 2 Loading and unloading
	Basement -2	Stack Parking + Maintenance Room, Charging point
	Basement -3	Stack Parking STP pump room + STP AC Plant Room Maintenance Electric Charging point
2	Ground, First and Second Floor	Shops, Anchor shops Atrium Lifts and escalators, Male and Female Toilets
3	Third Floor	Food Court Food stalls Restaurants Multiplex Anchor Shops
4	Fourth Floor	Multiplex Gaming Zone Sky Walk Lifts and escalators
5	Fifth Floor	Terrace Garden Restaurants Banquet Conference room Kitchen Reception
6	Sixth Floor	Room Back of hotel Space for cooling towers
7	Seventh Floor	Parlor/Salon Multipurpose Hall Back of hotel Water Body
8	Eighth Floor	Services
9	Ninth to Sixteenth Floor	Office
9	Seventeenth and Twenty Fifth Floor	Services
10	Eighteenth to Twenty Fourth Floor, Twenty sixth to Thirty Sixth Floor	Office

5. Water Requirement details:

1	Total Water Demand	350 KLD
	Fresh water requirement	200KLD
	Flushing/Recycled water requirement	155 KLD
	Wastewater generated	260 KLD
	Sewage Treatment Plant	300 KLD

RAIN WATER HARVESTING		
2	No. of RWH Pits Proposed	2 No.
PARKING		
3	Required Parking	802 ECS
	Proposed Parking	867 ECS
GREEN AREA		
4	Required Green = 25% of open area	1,253.875 sqm
	Proposed Green	1,263.250 sqm
	Required no of trees = 1 tree per 100 sqm of open area (5015.50/100)	50.155 trees
WASTE GENERATION		
5	Total Solid Waste Generation	2130 kg/day
	E-waste	2 kg/day
POWER		
6	Total Power Requirement	4750 KVA
	Backup power	3 x 1500 KVA DG sets 1 x 500 KVA DG sets

6. Solid waste details:

Facilities provided	Waste generation norms per unit	Unit/Area	Total Waste Generated (Kg/day)
Commercial	0.2 kg/cap/day taken	10620	2124
Green Area	15 kg/Acre/day or 0.0037 kg/sqm/day	1263.250 sqm	5
Total Waste Generated (Kg/day)			2129 Say 2130
E-waste			2

7. Parking details:

1	ECS Required	
	(E.C.S.) Required @ 1 ECS Per 50 sqm = Perm FAR Area/50 = 40124.00/50	802.480 E.C.S
2	ECS Provided:	
	Stack Parking Area in Basement – 1 @ 1 ECS per 18 sqm = 3472.321/18	192.907 E.C. S
	Stack Parking Area in Basement – 2 @ 1 ECS per 18 sqm = 6315.343/18	350.852 E.C.S.
	Stack Parking Area in Basement – 3 @ 1 ECS per 18 sqm = 5835.004/18	324.167 E.C.S.
	TOTAL ECS PROVIDED	867.926 E.C.S. Say 868 E.C.S.

8. Power requirement details:

Total Power Requirement	4750 KVA
Source of Power	Uttar Pradesh Power Corporation Limited (UPPCL)
Backup power	3 x 1500 KVA DG sets 1 x 500 KVA DG sets

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

S. No	Description		Total (Lakh)			(Lakh)
			First Year	Second Year	Third Year	Total
1	Providing sanitation and drinking water facilities in Bajidpur and Chhaproli Khadar village		20.0	5.0	5.0	30.0
2	Maintenance of Existing Infrastructure/Roads in Bajidpur and Chhaproli Khadar village		40.0	25.0	25.0	90.0
3	Setting up solar panels/Solar light distribution in Bajidpur and Chhaproli Khadar village		10.0	5.0	5.0	20.0
4	Avenue Plantation in nearby villages and roads in Bajidpur and Chhaproli Khadar village		30.0	10.0	10.0	50.0
5	Education-Construction/ operation./provision of facilities e.g. school building, Class rooms, Play ground, Laboratory, Library, Computer class, Toilets, Drinking Water Facilities etc. In Bajidpur and Chhaproli Khadar village		30.0	25.0	25.0	80.0
6	Training & Skill Development of local youths in Bajidpur and Chhaproli Khadar	Plumbing Training to local youth of village	10.0	10.0	--	20.0
		Sewing training programme to woman	10.0	10.0	-	20.0
		Electrical/Electrician training to local youth	10.0	10.0	-	20.0

	village	Beautician Training to village woman	10.0	10.0	-	20.0
		Fabrication Training to local youth	10.0	10.0	-	20.0
		Carpenter training to local youth	10.0	10.0	-	20.0
	Total		190.0	130.0	70.0	390.0

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

The consultant (EIA Coordinator) also submitted an affidavit dated 14/11/2023 mentioning is as follows:

1. I, Tarun Saharan, S/o Shri Ranveer Saharan is EIA Coordinator of M/s Ambiantal Global Private Limited.
2. I have prepared EIA/EMP report for the proposal SIA/UP/INFRA2/443091/2023 of proposed Group Housing Project “Irish Platinum” at Plot No. GH-04A, Sector-10, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, M/s Irish Buildcon Pvt. Ltd. with my team.
3. I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/information submitted along with application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 02

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

Additional Conditions:

1. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SuP).
3. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The project proponent shall comply the use of fuel for backup power as per guidelines by “Commission of Air Quality Management in NCR”, directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon’ble Court(s)/Competent authorities from time to time.
5. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
6. The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
7. The project proponent should develop green belt in the housing project as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and

- submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
8. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
 9. 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.
 10. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water.
 11. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
 12. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
 13. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.
 14. The project proponent shall plan for storm water management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. Statutory compliance:
 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.

2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
6. Wet jet shall be provided for grinding and stone cutting.
7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
 8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.

10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the 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. “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No. – 1, Village – Abboo Talabpur Garh, Tehsil – Behat & District - Saharanpur, Shri Pradeep Singh, Area- 37.0 Ha., 8426/SIA/UP/MIN/450914/2023

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

1. The terms of reference is sought for “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No. – 1, Village – Abboo Talabpur Garh, Tehsil – Behat & District - Saharanpur, U.P., (Leased Area- 37.0 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/450914/2023		
2.	File no. allotted by SEIAA, UP	8426		
3.	Name of proponent	M/s Rana Royalty Authorized Partner-Pradeep Singh		
4.	Full correspondence address of proponent.	R/o-Block No 1 North 102 Karanpur Road Dehradun		
5.	Name of Project	Sand / Bajri / Boulder (RBM) Mining Project		
6.	Project location (Plot / Khasra / Gata No.)	Gata No. – 1		
7.	Name of Village	Abboo Talabpur Garh Aht.		
8.	Tehsil	Behat		
9.	District.	Saharanpur (U.P.)		
10.	Name of Minor Mineral	Sand / Bajri / Boulder (RBM) Mining Project		
11.	Sanction Lease Area (in Ha.)	37.0 Ha.		
12.	Max. & Min mRL within lease area	Maximum & Minimum mRL 309 mRL & 306 mRL respectively		
13.	Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
		A	30°14'41.78"N	77°31'38.30"E
		B	30°14'49.46"N	77°31'21.34"E
		C	30°15'16.20"N	77°31'36.25"E
		D	30°15'11.96"N	77°31'46.05"E
14.	Total Geological Reserves	12,04,848 m ³		
15.	Total Mineable Reserves	7,88,687 m ³		
16.	Total Proposed Production (in five year)	33,30,000 m ³ in 5 years.		
17.	Proposed production / year	6,66,000 m ³ per year		
18.	Sanction Period of Mine lese	5 years		
19.	No. of workers	Approximately 38 workers		
20.	Type of Land	Government Land		
21.	Ultimate depth of mining	3.0 m as per approved mining plan		
22.	Nearest metalled road from Site	About 4.50 km major district road present near the site.		
23.	Water requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking water	0.48 KLD	
		Dust suppression	2.70 KLD	
		Plantation	0.18 KLD	
		Others (if any)	-	
	Total	3.36 KLD		
24.	Name of QCI Accredited Consultant with QCI No. and period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (REV-01) Valid up to 21/01/2024.		
25.	Any litigation pending against the project or land in	No		

	any court.	
26.	Detail of 500 m Cluster certificate verified by mining officer	Letter No. No.1897/ Khanij /(2023-24 Date-16/09/2023
27.	Detail of Lease Area in approved DSR	letter no- 1935/M-228 /2017(Khanan Niti)-DSR Dated 27/03/2023 Page 02 Serial No 07
28.	Proposed EMP cost	Rs. 9,20,030/-
29.	Length and breadth of Haul Road	300 m length and 6m width
30.	No. of Trees to be planted.	185
31.	Monitoring Period.	1 October 2023 to 31 Dec 2023

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

The project proponent also submitted a letter dated 04/09/2023 at the Secretariat through which they have informed that the collection of baseline monitoring data for the said project has already been started for post-monsoon season (October to December, 2023) as per provision of MoEFCC, OM dated 08/06/2022.

The consultant (EIA Coordinator) also submitted an affidavit dated 29/11/2023 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
2. I have prepared TOR for the Proposal No. SIA/UP/MIN/450914/2023, (FILE No. 8426) M/s Rana Royalty Authorized Partner-Pradeep Singh R/o- Block No 1 North 102 Karanpur Road Dehradun. Proposed Project of riverbed "Sand / Bajri / Boulder (RBM) Mining Project" on the riverbed Gata No. – 1, Area 37.0 Ha. Village – Abboo Talabpur Garh, Tehsil - Behat & District - Saharanpur (U.P.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 03

The committee discussed the matter and gone through the Hon'ble NGT order dated 08/11/2023 passed in O.A. No. 188/2023 Gaurav Kumar Vs. State of U.P. & Ors. SEAC recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes, with the remarks that the final EC shall be processed after

compliance of Hon'ble NGT order dated 08/11/2023. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. Cluster EMP for all the mining lease area should be prepared and submitted along with EIA report.
3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
5. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP and UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
7. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
12. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
13. Proposed plantation working with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
15. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
17. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

4. “Building Stone Khanda, Boulders, Gitti Mining Project” located at Gata No. 1370, Khand No. - 08, Village- Kulpahar, Tehsil- Kulpahar & District- Mahoba, Shri Devendra Shivharey, Area- 2.024 Ha., 8428/SIA/UP/MIN/448634/2023

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow (U.P.). The project proponent informed the committee that the environmental clearance for the above project was issued by SEIAA, U.P. vide its letter no. 1907/Parya/SEAC/1486/2013/AD(H), dated 12/10/2013 for the leased area 2.02 ha with mining quantity 39,000 TPA/year. The project proponent submit the capacity expansion proposal for the existing mining lease from 39,000 TPA/year to 1,70,000 m³/annum.

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 “Building Stone Khanda, Boulders, Gitti Mining Project” located at Gata No. 1370, Khand No. - 08, Village- Kulpahar, Tehsil- Kulpahar & District- Mahoba, U.P., (Leased Area- 2.024 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/448634/2023		
2.	File no. allotted by SEIAA, UP	8428		
3.	Name of proponent	Devendra Shivharey, S/o – Shri Rammanohar Shivharey & Dinesh Gupta S/o Shri Bagirath Gupta & Shri Ramesh Prasad S/o Shri Jali Prasad		
4.	Full correspondence address of proponent.	R/o- Indira Nagar, Kabrai, Distt- Mahoba (U.P) & R/o- Rajendra Nagar, Kabrai, Distt- Mahoba (U.P) & R/o- Rath Chungi, Distt- Mahoba (U.P)		
5.	Name of Project	Building Stone Khanda, Boulders, Gitti Mining Project		
6.	Project location (Plot / Khasra / Gata No.)	Gata No. 1370, Khand No. 08		
7.	Name of Village	Kulpahar		
8.	Tehsil	Kulpahar		
9.	District.	Mahoba (U.P.)		
10.	Name of Minor Mineral	Building Stone Khanda, Boulders, Gitti		
11.	Sanction Lease Area (in Ha.)	2.024 Ha.		
12.	Max. & Min mRL within lease area	Maximum & Minimum is 269 mRL & 221 mRL respectively.		
13.	Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
		A	25°19'51.387"N	79°39'41.458"E
		B	25°19'52.367"N	79°39'44.910"E
		C	25°19'46.325"N	79°39'47.451"E
		D	25°19'45.325"N	79°39'43.862"E
14.	Total Geological Reserves	4,20,377 m ³		
15.	Total Mineable Reserves	3,43,052 m ³		
16.	Total Proposed Production (in five year)	3,40,000 m ³ in 2 years		
17.	Proposed production / year	Existing Capacity: 39,000 TPA as per EC letter Proposed Expansion Capacity: 1,70,000 m ³ per year as per approved mine plan		
18.	Sanction Period of Mine lese	10 years as per LOI		
19.	No. of workers	Approximately 40 workers		
20.	Type of Land	Government Land (stony scrub)		
21.	Ultimate depth of mining	36 m for 2 year as per approved mining plan		
22.	Nearest metalled road from Site	Kulpahar-Mahoba-Rath NH- 76 is about 1.19 km towards South direction.		
23.	Water requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking water		0.50 KLD

		Dust suppression	5.40 KLD
		Plantation	3.00 KLD
		Others (if any)	-
		Total	8.9 KLD (Approx. 9.0 KLD)
24.	Name of QCI Accredited Consultant with QCI No. and period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (REV-01) Valid up to 21/01/2024.	
25.	Any litigation pending against the project or land in any court.	No	
26.	Detail of 500 m Cluster certificate verified by mining officer	Cluster Certificate vide Letter No. 784/M.M.C-30/2022-23, Date- 26/07/2023	
27.	Detail of Lease Area in approved DSR	Amendment Letter no: (amendment letter No. 1502/ एम०एम०सी०-30-खनिज)2023-24) dated 02/12/2023	
28.	Proposed EMP cost	Rs. 22,02,410/-	
29.	Length and breadth of Haul Road	600 m length and 6.0m width	
30.	No. of Trees to be planted.	3000	
31.	Monitoring Period.	15/03/2021 to 15/06/2021	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 29/11/2023 mentioning is as follows:

- I, Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
- I have prepared TOR report for the Proposal No. SIA/UP/MIN/448634/2023, File No. 8428, Project Proponent- Devendra Shivharey, S/o – Shri Rammanohar Shivharey & Dinesh Gupta S/o Shri Bagirath Gupta & Shri Ramesh Prasad S/o Shri Jali Prasad with my team.
- I have personally visited the site of proposal and certify that Mining activity has been undertaken on the project site for the present proposal.
- I have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
- The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 04

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

Additional TOR:

- Project Proponent to submit the certified compliance report from IRO, Lucknow, MoEF&CC for the environmental clearance issued by SEIAA, U.P. vide its letter no.

- 1907/Parya/SEAC/1486/2013/AD(H), dated 12/10/2013 in favour of respective project proponent.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
 3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
 4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP and UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
 5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
 6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 10. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 11. Proposed plantation working plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 13. 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.
 14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 15. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.
- 5. Riverbed Sand/Morrum mining g River Yamuna in Gata No- 110, 111, 112 at Village – Lilra, Tehsil- Fatehpur, District- Fatehpur, U.P., Shri Rajesh Mishra, M/s Rajesh Mishra Construction & Suppliers, Area- 10.958 Ha., 8430/7507/SIA/UP/MIN/451016/2023**

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 proposed riverbed Sand/Morrum mining along River Yamuna in Gata No- 110, 111, 112 at Village-Lilra, Tehsil- Fatehpur, District- Fatehpur, U. P. (Leased Area-10.958 ha), M/s Rajesh Mishra Construction & Suppliers.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 410/Parya/SEIAA/7507/2022 on dated 18 April, 2023
3. The Public Hearing was organized on 22/08/2023 at Tehsil-Sabhagar Fatehpur, District-Fatehpur, U.P. Final EIA report submitted by the project proponent on 02/11/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	New Proposal No. SIA/UP/MIN/451016/2023 Old Proposal No. SIA/UP/MIN/413089/2023																																
2.	File No. allotted by SEIAA, UP	8430/7507																																
3.	Name of Proponent	M/s Rajesh Mishra Construction & Suppliers Rajesh Mishra (Prop) S/o Shri Ram Swaroop Mishra																																
4.	Full correspondence address of proponent and mobile no.	R/o Village and Post - Ayah, Tehsil & District – Fatehpur - 212601, Uttar Pradesh. Mobile no. – 9140695395 E mail ID - mishrasand77@gmail.com																																
5.	Name of Project	Environment Clearance of proposed riverbed Sand/Morrum mining having lease area 10.958 ha along River Yamuna in Gata No- 110, 111, 112 at Village – Lilra, Tehsil- Fatehpur, District- Fatehpur, U. P. of M/s Rajesh Mishra Construction & Suppliers, Prop: Shri Rajesh Mishra.																																
6.	Project Location (Plot. Khasra/Gata No.)	Gata No-110, 111, 112																																
7.	Name of Village	Lilra																																
8.	Tehsil	Fatehpur																																
9.	District	Fatehpur																																
10.	Name of Minor Mineral	“Riverbed Sand/morrum mining”																																
11.	Sanctioned Lease Area (in Ha.)	10.958 ha																																
12.	Max. & Min mRL within lease area	Highest mRL -88.3 mRL Lowest mRL- 83.9 mRL																																
13.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude N</td><td>Longitude E</td></tr><tr><td colspan="3">Total Lease Area –10.958 ha</td></tr><tr><td>A</td><td>25° 41’ 12.00"N</td><td>80° 43’ 16.70"E</td></tr><tr><td>B</td><td>25° 41’ 12.30"N</td><td>80° 43’ 21.00"E</td></tr><tr><td>C</td><td>25° 41’ 11.30"N</td><td>80° 43’ 21.00"E</td></tr><tr><td>D</td><td>25° 41’ 11.50"N</td><td>80° 43’ 30.00"E</td></tr><tr><td>E</td><td>25° 41’ 06.80"N</td><td>80° 43’ 30.20"E</td></tr><tr><td>F</td><td>25° 41’ 07.00"N</td><td>80° 43’ 34.50"E</td></tr><tr><td>G</td><td>25° 41’ 03.80"N</td><td>80° 43’ 35.40"E</td></tr><tr><td>H</td><td>25° 41’ 03.70"N</td><td>80° 43’ 16.50"E</td></tr></table>			Point	Latitude N	Longitude E	Total Lease Area –10.958 ha			A	25° 41’ 12.00"N	80° 43’ 16.70"E	B	25° 41’ 12.30"N	80° 43’ 21.00"E	C	25° 41’ 11.30"N	80° 43’ 21.00"E	D	25° 41’ 11.50"N	80° 43’ 30.00"E	E	25° 41’ 06.80"N	80° 43’ 30.20"E	F	25° 41’ 07.00"N	80° 43’ 34.50"E	G	25° 41’ 03.80"N	80° 43’ 35.40"E	H	25° 41’ 03.70"N	80° 43’ 16.50"E
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E	25° 41’ 06.80"N	80° 43’ 30.20"E																																
F	25° 41’ 07.00"N	80° 43’ 34.50"E																																
G	25° 41’ 03.80"N	80° 43’ 35.40"E																																
H	25° 41’ 03.70"N	80° 43’ 16.50"E																																
14.	Total Geological Reserves	2,52,882 m ³																																
15.	Total Mineable Reserve	1,29,736 m ³																																
16.	Total Proposed Production (in five year)	6,30,000 m ³ (5 years)																																
17.	Proposed Production /year (as per LoI)	1,26,000 m ³ /annum																																
18.	Sanctioned Period of Mine lease	Plan Period 5 years																																
19.	No. of worker	65																																
20.	Type of Land	Govt./Non Forest Land																																
21.	Ultimate Depth of Mining	3.0 m																																
22.	Nearest metalled road from site	0.70 km																																
23.	Water Requirement	<table><tr><td colspan="2">PURPOSE</td></tr><tr><td>Drinking</td><td>- 0.65 KLD</td></tr><tr><td>Suppression of dust</td><td>- 8.40 KLD</td></tr><tr><td>Plantation</td><td>- 1.00 KLD</td></tr><tr><td>Others (if any)</td><td>- 0.00 KLD</td></tr><tr><td>Total</td><td>- 10.00 KLD</td></tr></table>			PURPOSE		Drinking	- 0.65 KLD	Suppression of dust	- 8.40 KLD	Plantation	- 1.00 KLD	Others (if any)	- 0.00 KLD	Total	- 10.00 KLD																		
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Plantation	- 1.00 KLD																																	
Others (if any)	- 0.00 KLD																																	
Total	- 10.00 KLD																																	
24.	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																																

25.	Any litigation pending against the project or land in any court	No
26.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1219/30-Khanij, dated - 28/10/2022
27.	Details of Lease Area in approved DSR	at Serial no. 18, Page no. 07
28.	Proposed EMP cost	Proposed EMP cost-16.84 Lacs (Project Cost -1.15 Crore, Proposed CER cost-2.30 lacs)
29.	Length and breadth of Haul Road	Length – 0.70 km, Breadth – 6.00 m
30.	No. of Trees to be Planted	1,000
31.	Monitoring Period	Baseline Monitoring during Winter Season (December 2022 to February 2023)

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

S. No.	CER/EMP Activity	1st Year	2nd Year	3rd Year	4th Year	5th Year
2	Plantation of trees with tree guard	Rs.50,000.00 (Total 500 trees)		Rs.50,000.00 (Total 500 trees)		
3	Skill Development (Carpentry, Welding, Masonry works, plumbing, Tailoring etc.) for the local community will be conducted	Rs.20,000.00				Rs.20,000.00
4	Solar Lantern (27 @ Rs 750/pc)			Rs. 20,000.00		
6	Books/sports goods for primary school of village - Gonda				Rs. 15,000.00	
8	Health check-up camp	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00

- 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 29/11/2023 mentioning is as follows:

- I, Dr. S V Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh servicing Environment and Development.
- I have prepared EIA/EMP report for the Environmental clearance for proposed "Riverbed Sand/Morrum mining having Lease Area-10.958 ha along River Yamuna in Gata No-110, 111, 112 at Village-Lilra, Tehsil- Fatehpur, District- Fatehpur, U. P. of M/s Rajesh Mishra Construction & Suppliers, Prop: Shri Rajesh Mishra., Proposal number: New Proposal No. SIA/UP/MIN/451016/2023 & Old Proposal No. SIA/UP/MIN/413089/2023 with my team.
- I have personally visited the proposed site along with team 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 EIA/EMP preparations are true and correct.
- I certify that this project has been uploaded for the first time on Parivesh Portal.
- I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by

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-3 to these minutes. The committee also stipulated the following additional conditions:

1. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project Proponent should submit working plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
4. The project proponent shall install solar lights in their project area to minimise the consumption of electricity.
5. 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.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer Expert Agency in this field
7. 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.
8. 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.
9. The project proponent should explore the possibilities of rainwater harvesting in the premises of project area
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. 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.
12. 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
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

6. Commercial Project “The Crown” at Plot No.- 38, B Block, Sector-132, Noida, District-Gautam Buddha Nagar, Shri Yashu Singh, M/s Abhimanyu Infradevelopers Pvt. Ltd., 8432/SIA/UP/INFRA2/439467/2023

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Aplinka Solutions & Technologies Pvt. Ltd. The Committee Member raises the queries related to the proposed project. PP/Consultant could not reply satisfactorily. PP/consultant has assured that they will submit the documents/information as per committee instructions. The committee directed the project proponent to submit following information:

1. Compliance report from UPPCB, Lucknow regarding consent to established for the project (CTE).
2. A revised structural certificate of existing project including proposed expansion to be submitted from an Authorised Institute/ Concerned Authority.
3. Revised plan for 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 along with process flow chart.
4. A revised plan for rain water harvesting storage and recharging and also use of rain harvested water in order to reduce the withdrawal of fresh water along with the water balance flow diagram.
5. A revised plan for maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change. Detail of Calculation to be provided.

The matter will be listed in next SEAC meeting proposed on dated 28/12/2023.

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

The 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 Geogreen Enviro House 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 Moram Mining at Yamuna River Bed, Khand No. – 16/4 to 16/6, Village – Mahewa, Tehsil – Manjhanpur, District - Kaushambi, U.P., (Leased Area – 10.0 Ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 41/Parya/SEIAA/7506/2022, dated 23/05/2023.
3. The Public Hearing was organized on 26/09/2023. Final EIA report submitted by the project proponent on 03/11/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/450916/2023
2.	File No. allotted by SEIAA, UP	8434
3.	Name of Proponent	Smt. Anamika Karwariya W/o Shri Shesh Narayan Karwariya
4.	Full correspondence address of proponent	R/o: 42/37 Nehru Nagar Mirapur, Thana-Atarsuiya, Tehsil- Sadar, District- Prayagraj, U.P.
5.	Name of Project	“Moram Mining at Yamuna River Bed”
6.	Project location (Plot/ Khasra /Gata No.)	“Moram Mining at Yamuna River Bed”, Khand No. – 16/4 to 16/6, Area – 10.0 HA Village – Mahewa, Tehsil – Manjhanpur, District - Kaushambi, U.P.
7.	Name of Village	Mahewa

8.	Tehsil	Manjhanpur																		
9.	District	Kaushambi U.P																		
10.	Name of Minor Mineral	Moram																		
11.	Sanctioned Lease Area (in Ha.)	10.00 Ha.																		
12.	Max. & Min mRL within lease area	77.50 mRL -76.80 mRL																		
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <tr> <th colspan="3">Pillar Coordinates</th></tr> <tr> <th></th><th>Latitude (N)</th><th>Longitude (E)</th></tr> <tr> <td>A</td><td>25° 23'55.74"N</td><td>81°09'07.85"E</td></tr> <tr> <td>B</td><td>25° 23'57.56"N</td><td>81°09'17.30"E</td></tr> <tr> <td>C</td><td>25° 24'09.53"N</td><td>81°09'14.19"E</td></tr> <tr> <td>D</td><td>25°24' 08.37"N</td><td>81°09'05.10"E</td></tr> </table>	Pillar Coordinates				Latitude (N)	Longitude (E)	A	25° 23'55.74"N	81°09'07.85"E	B	25° 23'57.56"N	81°09'17.30"E	C	25° 24'09.53"N	81°09'14.19"E	D	25°24' 08.37"N	81°09'05.10"E
Pillar Coordinates																				
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A	25° 23'55.74"N	81°09'07.85"E																		
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C	25° 24'09.53"N	81°09'14.19"E																		
D	25°24' 08.37"N	81°09'05.10"E																		
14.	Total Geological Reserves	3,00,000 cum																		
15.	Total Mineable Reserves	1,00,000 cum																		
16.	Total Proposed Production (in five year)	5,00,000cum/year																		
17.	Proposed Production / year	1,00,000 cum/year																		
18.	Sanctioned Period of Mine lease	05 Years																		
19.	No. of workers	35																		
20.	Type of Land	Government Land																		
21.	Ultimate depth of mining	1.11 m or above the ground water table whichever comes first																		
22.	Nearest metalled road from site	NH 731A																		
23.	Water Requirement	09.525 KLD																		
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	GEOGREEN ENVIRO HOUSE PVT LTD NABET/EIA/2124/RA0215 Valid till 24 Feb, 2024																		
25.	Any litigation pending against the project or land in any court.	No																		
26.	Details of 500 m Cluster certificate verified by Mining Officer.	900/KhananSahayakKaushambi Dated: 02/01/2023.																		
27.	Details of Lease Area in approved DSR	Village – Mahewa, Khand No. – 16/4to 16/6, Area – 10.0 Mineral-Morrum,Production-100000 per annum, Period of Mine Lease-05 Year.																		
28.	Proposed EMP cost	Rs. 714,150																		
29.	Length and breadth of Haul Road.	500mtr x 6mtr																		
30.	No. of Trees to be Planted	2000 per year																		
31.	Monitoring Period	March 2023 to May 2023																		

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

S. No.	Activity	Quantity	Unit Cost (Rs.)	Total Cost (Rs.)
1	Provision of 2 computer in each primary school in village Mahewa Kaushambi, U.P.	02	25000	50000
2	Solar Lamp in Village Panchayat Bhawan and Primary School in village Mahewa, Kaushambi, U.P.	02	25000	50000
3	Provision of Toilets in village Panchayat Bhawan Mahewa and Mawai, Kaushambi, U.P.	02	50000	100000
Total				2,00,000

- 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 05/12/2023 mentioning is as follows:

1. I, Vijay Kumar Mishra, S/o Shri Akhila Nand Mishra is EIA Coordinator of M/s Geogreen Enviro House Pvt. Ltd.
2. I have prepared EIA report for the Proposal No. SIA/UP/MIN/416549/2023 (FILE No. 7618/6538) of riverbed Moram Mining at Yamuna River Bed, Khand No. – 16/4 to 16/6, Village – Mahewa, Tehsil – Manjhanpur, District - Kaushambi, U.P., (Leased Area – 10.0 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 have satisfied with that all the necessary data/information required for EIA/EMP presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report. (if and as required)
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 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-3 to these minutes. The committee also stipulated the following additional conditions:

1. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project Proponent should submit working plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
4. The project proponent shall install solar lights in their project area to minimise the consumption of electricity.
5. 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.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer / expert agency in this field
7. 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.
8. 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.

9. The project proponent should explore the possibilities of rainwater harvesting in their project premises area
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. 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.
12. 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
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

8. Gitti/Boulder (Dolostone) Mining Project at Arazi No.- 5374, 5375 Mi, 5377 Mi, 5378 Mi, Village- Billi Markundi, Tehsil-Obra , District- Sonbhadra, Shri Ashok Kumar Yadav, Area: 1.13 Ha., 8436/SIA/UP/MIN/451163/2023

The project proponent/consultant informed the committee that the environmental clearance for the above project was issued by District Level Environment Impact Assessment Authority (DEIAA), Sonbhadra vide its letter no. 14/Parya/DEIAA/SBR/2016, dated 18/05/2016 for the leased area 2.75 acres with mining quantity 18,000 cum/year.

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

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

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

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

where ECs have been granted to concerned SEIAA within a time period of one month from issue of this OM”

As per Office Memorandum dated 28/04/2023 issued by MoEFCC, Govt. of India the project proponent apply under category B-1 for reappraisal of environmental clearance issued by DEIAA on 18/05/2016 and terms of reference application submitted to SEIAA, U.P.

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 P & M Solution. 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 Gitti/Boulder (Dolostone) Mining Project at Arazi No.- 5374, 5375 Mi, 5377 Mi, 5378 Mi, Village- Billi Markundi, Tehsil-Obra , District- Sonbhadra, U.P., (Leased Area- 1.13 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/451163/2023																											
2.	File No. allotted by SEIAA, UP	8436																											
3.	Name of Proponent	Sri Ashok Kumar Yadav, S/o Sri R.S.Yadav																											
4.	Full correspondence address of proponent	R/O.- Vill.- Dhaniyapur, District- Gaziapur, U.P.																											
5.	Name of Project	Billi Markundi Gitti, Boulder (Dolo Stone) Mining Project																											
6.	Project location (Plot/ Khasra /Gata No.)	5374, 5375 Mi, 5377 Mi, 5378 Mi																											
7.	Name of Village	Billi Markundi																											
8.	Tehsil	Obra,																											
9.	District	Sonbhadra																											
10.	Name of Minor Mineral	Gitti, Boulder,(Dolo Stone)																											
11.	Sanctioned Lease Area (in Ha.)	1.11																											
12.	Max. & Min mRL within lease area	205 mRL & 196 mRL																											
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>24°28'50.30"N</td><td>83° 0'39.00"E</td></tr> <tr> <td>B</td><td>24°28'49.90"N</td><td>83° 0'41.50"E</td></tr> <tr> <td>C</td><td>24°28'47.78"N</td><td>83° 0'40.46"E</td></tr> <tr> <td>D</td><td>24°28'47.39"N</td><td>83° 0'38.90"E</td></tr> <tr> <td>E</td><td>24°28'47.13"N</td><td>83° 0'39.00"E</td></tr> <tr> <td>F</td><td>24°28'47.34"N</td><td>83° 0'40.33"E</td></tr> <tr> <td>G</td><td>24°28'45.30"N</td><td>83° 0'39.70"E</td></tr> <tr> <td>H</td><td>24°28'45.90"N</td><td>83° 0'36.50"E</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	24°28'50.30"N	83° 0'39.00"E	B	24°28'49.90"N	83° 0'41.50"E	C	24°28'47.78"N	83° 0'40.46"E	D	24°28'47.39"N	83° 0'38.90"E	E	24°28'47.13"N	83° 0'39.00"E	F	24°28'47.34"N	83° 0'40.33"E	G	24°28'45.30"N	83° 0'39.70"E	H	24°28'45.90"N	83° 0'36.50"E
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E	24°28'47.13"N	83° 0'39.00"E																											
F	24°28'47.34"N	83° 0'40.33"E																											
G	24°28'45.30"N	83° 0'39.70"E																											
H	24°28'45.90"N	83° 0'36.50"E																											
14.	Total Geological Reserves	318014 cum																											
15.	Total Mineable Reserves	111679 cum																											
16.	Total Proposed Production (in five year)	90000 cum (1st Year to 5th Year)																											
17.	Proposed Production / year	18,000 cum/annum or 48600 TPA																											
18.	Sanctioned Period of Mine lease	10 years																											
19.	No. of workers	36																											
20.	Type of Land	Waste Land																											
21.	Ultimate depth of mining	187 mRL																											
22.	Nearest metalled road from site	SH-5A																											
23.	Water Requirement	16.32~16.30 KLD																											
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	P & M Solution Certificate No: NABET/EIA/2326/RA 0298 Validity : 07 May 2026																											
25.	Any litigation pending against the project or land in any court	No																											
26.	Details of 500 m Cluster certificate Verified by Mining Officer	Letter no. 2126/khanij/Kha.Pa./2023, Dated-31/10/2023																											
27.	Details of Lease Area in approved DSR	Attached																											

28.	Proposed EMP cost	Rs. 12,50,000/- (Capital Cost) Rs. 4,70,000/- (Recurring Cost)
29.	Length and breadth of Haul Road.	Length 105m, breadth 6m
30.	No. of Trees to be Planted	2000
31.	Monitoring Period	October 2023 to December 2023

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

The project proponent also submitted a letter dated 03/11/2023 at the Secretariat through which they have informed that the collection of baseline monitoring data for the said project has already been started for post-monsoon season (October to December, 2023) as per provision of MoEFCC, OM dated 29/08/2017.

The consultant (EIA Coordinator) also submitted an affidavit dated 14/07/2023 mentioning is as follows:

1. I, Subhash Kumar, S/o Shri Banshidhar Pandey is EIA Coordinator of M/s P & M Solution
2. I have prepared EIA/EMP report for the proposal for Gitti/Boulder (Dolostone) Mining Project at Arazi No.- 5374, 5375 Mi, 5377 Mi, 5378 Mi, Village- Billi Markundi, Tehsil-Obra , District- Sonbhadra, U.P., (Leased Area- 1.13 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 application/EIA/EMP required are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The 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 the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Project Proponent submit the certified compliance report from IRO, Lucknow, MoEF&CC, /latest MoM of MoEF&CC, GoI in regard to Compliance report for the environmental clearance issued by DEIAA, Sonbhadra vide its letter no. 14/Parya/DEIAA/SBR/2016, dated 18/05/2016 in favour of respective project proponent.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and

monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.

3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
10. Proponent/Consultant should submit the action plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
11. Proposed plantation working plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
13. 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.
14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
15. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

9. “Silica Sand Mine” at Khasra/Gata no - part of 1436, part of 1433, part of 1437, part of 1438, part of 1439, part of 1440, part of 1441, part of 1391 (Khand No. 05) at Village - Pardawan, Tehsil- Mau, District- Chitrakoot, Shri Brijendra Kumar Chawla (Partner), M/s Maa Kamakhya Minerals, Area – 23.60 ha., 8438/SIA/UP/MIN/451204/2023

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

1. The terms of reference is sought for proposed “Silica Sand Mine” at Khasra/Gata no - part of 1436, part of 1433, part of 1437, part of 1438, part of 1439, part of 1440, part of 1441, part of 1391 (Khand No. 05) at Village - Pardawan, Tehsil- Mau, District- Chitrakoot, Uttar Pradesh, (Leased Area – 23.60 ha), M/s Maa Kamakhya Minerals.

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

1.	On-line proposal No.	SIA/UP/MIN/451204/2023		
2.	File No. allotted by SEIAA, UP	8438		
3.	Name of Proponent	M/s Maa Kamakhya Minerals Shri Brijendra Kumar Chawla (Partner)		
4.	Full correspondence address of proponent and mobile no.	R/o-D-377, Lohia Marg, Civil Lines, Tehsil-Sadar, District-Prayagraj, U.P. 211001		
		Mobile no. –		
		E mail ID - silicachitrakoot@gmail.com		
5.	Name of Project	Terms of reference for environment clearance of proposed “Silica Sand Mine” at Khasra/Gata no - part of 1436, part of 1433, part of 1437, part of 1438, part of 1439, part of 1440, part of 1441, part of 1391 (Khand No. 05) Area – 23.60 ha at Village - Pardawan, Tehsil- Mau, District- Chitrakoot, Uttar Pradesh of M/s Maa Kamakhya Minerals.		
6.	Project Location (Plot. Khasra/Gata No.)	Khasra/Gata no - part of 1436, part of 1433, part of 1437, part of 1438, part of 1439, part of 1440, part of 1441, part of 1391 (Khand No. 05)		
7.	Name of Village	Village – Pardawan		
8.	Tehsil	Mau		
9.	District	Chitrakoot		
10.	Name of Minor Mineral	Silica Sand Mine		
11.	Sanctioned Lease Area (in Ha.)	23.60 ha		
12.	Max. & Min mRL within lease area	Highest mRL-174.50 mRL		
		Lowest mRL-160.0 mRL		
13.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25° 14.235'N	81° 33.475'E
		B	25° 14.392'N	81° 33.699'E
		C	25° 14.550'N	81° 33.560'E
		D	25° 14.273'N	81° 33.210'E
		E	25° 14.198'N	81° 33.360'E
		F	25° 14.253'N	81° 33.393'E
14.	Total Geological Reserves	22,38,390 m ³		
15.	Total Mineable Reserve	16,14,672 m ³		
16.	Total Proposed Production (in Five Year)	5,90,000 m ³ (5 years)		
17.	Proposed Production /year (as per LoI)	1,18,000 m ³ per annum		
18.	Sanctioned Period of Mine lease	Lease Period – 30 years Mine plan Period – 5 Years		
19.	No. of worker	112		
20.	Type of Land	Govt./Non Forest Land		
21.	Depth of Mining	12.0 m		
22.	Nearest metalled road from site	0.30 km		
23.	Water Requirement	PURPOSE		
		Drinking	- 1.12 KLD	
		Suppression of dust	- 3.60 KLD	
		Plantation	- 2.40 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 7.12 KLD	
24.	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		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No- 2017/Khanij/2023-24 Dated: 27/07/2023		

27.	Details of Lease Area in approved DSR	Table No.01, Serial no. 02, in Village-Pardawan
28.	Proposed EMP cost	Proposed EMP cost- Applying for ToR (Project Cost -1.50 Crore, Proposed CER cost-3.00 Lacs)
29.	Length and breadth of Haul Road	Length – 0.30 km, Breadth – 6.00 m
30.	No. of Trees to be Planted	1700 (Proposed)
31.	Monitoring Period	Post -Monsoon Seasons (October 2023 to December 2023)

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 29/11/2023 mentioning is as follows:

1. I, Dr. Pankaj Srivastava S/o Shri V. V. Srivastava is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared ToR application along with Form-1, Pre-feasibility Report for the Proposed “Silica Sand Mine” at Khasra/Gata no - part of 1436, part of 1433, part of 1437, part of 1438, part of 1439, part of 1440, part of 1441, part of 1391 (Khand No. 05) Area – 23.60 ha at Village - Pardawan, Tehsil- Mau, District- Chitrakoot, Uttar Pradesh of M/s Maa Kamakhya Minerals, (Partner) Shri Brijendra Kumar Chawla, Proposal No. SIA/UP/MIN/451204/2023 with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for ToR application along with Form 1, Pre-feasibility Report preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The ToR application along with Form 1, Pre-feasibility Report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 09

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

Additional TOR:

1. Since no intimation letter has been submitted regarding collection of baseline monitoring data, hence monitoring data will be collected after issuance of ToR.
2. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.

4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
 5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP and UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
 6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
 7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 11. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 12. Proposed plantation working plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
 15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 16. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.
- 10. Gitti/ Boulder, Dolo Stone Mining Project at Arazi/Gata No.- 4823, 4821, 4814, 4847, 4848, 4849, 4850, 4851, 4860 Mi, 4771, 4772, 4780, 4782, 4784, 4845, 4815 Mi, 4816 Mi, 4817 Mi, 4818 Mi, 4853 Mi & 4820 Mi near Village- Billi Markundi, Tehsil –Obra, District – Sonbhadra, Shri Madhusudan Singh & Shri Dilip Keshri, Area- 3.55 Ha., 8440/SIA/UP/MIN/451225/2023**

The project proponent/consultant informed the committee that the environmental clearance for the above project was issued by District Level Environment Impact Assessment Authority (DEIAA), Sonbhadra vide its letter no. 21/Parya/DEIAA/SBR/2016, dated 18/05/2016 for the leased area 8.79 acres with mining quantity 1,00,000 cum/year.

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

“...mining leases in which environmental clearance was granted by DEIAA in view of amendment notification dated 15.01.2016 are still continuing even after passing of order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) and issuance of OM dated

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

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

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

As per Office Memorandum dated 28/04/2023 issued by MoEFCC, Govt. of India the project proponent apply under category B-1 for reappraisal of environmental clearance issued by DEIAA on 18/05/2016 and terms of reference application submitted to SEIAA, U.P.

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 P & M Solution. 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 " Gitti/ Boulder, DoloStone Mining Project at Arazi/Gata No.- 4823, 4821, 4814, 4847, 4848, 4849, 4850, 4851, 4860 Mi, 4771, 4772, 4780, 4782, 4784, 4845, 4815 Mi, 4816 Mi, 4817 Mi, 4818 Mi, 4853 Mi & 4820 Mi near Village- Billi Markundi, Tehsil –Obra, District – Sonbhadra, U.P., (Leased Area- 3.55 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/451225/2023
2.	File No. allotted by SEIAA, UP	8440
3.	Name of Proponent	M/s Sri Krishna Mining Works, Partner- Sri Madhusudan Singh & Sri Dilip Keshri,
4.	Full correspondence address of proponent	R/o-Prabhapuram Colony, Pusauli, Tehsil- Obra , District-Sonbhadra,U.P.
5.	Name of Project	Billi Markundi, Gitti /Boulder, DoloStone Mining Project
6.	Project location (Plot/ Khasra /Gata No.)	4823, 4821, 4814, 4847, 4848, 4849, 4850, 4851, 4860 Mi, 4771, 4772, 4780, 4782, 4784, 4845, 4815 Mi, 4816 Mi, 4817 Mi, 4818 Mi, 4853 Mi & 4820 Mi

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7.	Name of Village	Billi Markundi		
8.	Tehsil	Obra,		
9.	District	Sonbhadra		
10.	Name of Minor Mineral	Gitti, Boulder, (Dolo Stone)		
11.	Sanctioned Lease Area (in Ha.)	3.55 ha.		
12.	Max. & Min mRL within lease area	209 mRL & 202 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
		A	24° 28'22.20"N	83°0'14.90"E
		B	24° 28'25.90"N	83°0'18.00"E
		C	24° 28'25.87"N	83°0'18.69"E
		D	24° 28'25.26"N	83°0'18.53"E
		E	24° 28'24.65"N	83°0'21.28"E
		F	24° 28'25.48"N	83°0'21.07"E
		G	24° 28'25.72"N	83°0'19.65"E
		H	24° 28'27.50"N	83°0'19.50"E
		I	24° 28'28.37"N	83°0'21.43"E
		J	24° 28'27.84"N	83°0'21.98"E
		K	24° 28'27.09"N	83°0'21.93"E
		L	24° 28'26.00"N	83°0'22.70"E
		M	24° 28'28.50"N	83°0'23.30"E
		N	24° 28'28.40"N	83°0'24.40"E
		O	24° 28'26.10"N	83°0'23.90"E
		P	24° 28'24.50"N	83°0'23.60"E
		Q	24° 28'23.30"N	83°0'24.40"E
		R	24° 28'22.80"N	83°0'26.30"E
		S	24° 28'22.20"N	83°0'25.70"E
		T	24° 28'22.30"N	83°0'22.10"E
		U	24° 28'21.70"N	83°0'20.60"E
		V	24° 28'21.20"N	83°0'20.20"E
		W	24° 28'21.30"N	83°0'19.30"E
		X	24° 28'19.20"N	83°0'18.60"E
		Y	24° 28'18.10"N	83°0'21.20"E
		Z	24° 28'17.50"N	83°0'20.70"E
		A'	24° 28'17.50"N	83°0'19.80"E
		B'	24° 28'16.90"N	83°0'19.60"E
		C'	24° 28'18.80"N	83°0'15.20"E
		D'	24° 28'19.70"N	83°0'15.70"E
		E'	24° 28'19.50"N	83°0'16.60"E
		F'	24° 28'20.10"N	83°0'16.80"E
		G'	24° 28'20.30"N	83°0'16.20"E
		H'	24° 28'21.10"N	83°0'16.20"E
14.	Total Geological Reserves	897395 cum		
15.	Total Mineable Reserves	526506 cum		
16.	Total Proposed Production (in five year)	5,00,000 cum (1st Year to 5th Year)		
17.	Proposed Production / year	1,00,000 cum/annum or 2,70,000 TPA		
18.	Sanctioned Period of Mine lease	10 years		
19.	No. of workers	61		
20.	Type of Land	Waste Land		
21.	Ultimate depth of mining	179 mRL		
22.	Nearest metallised road from site	SH-5A		
23.	Water Requirement	20.33 ~20.30 KLD		
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	P & M Solution Certificate No: NABET/EIA/2326/RA 0298 Validity : 07 May 2026		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster certificate Verified by Mining Officer	Letter no. 2125/khanij/Kha.Pa./2023, Dated-31/10/2023		

27.	Details of Lease Area in approved DSR	Attached
28.	Proposed EMP cost	Rs. 18,77,500/- (Capital Cost) Rs. 5,80,000/- (Recurring Cost)
29.	Length and breadth of Haul Road.	Length 310m, breadth 6m
30.	No. of Trees to be Planted	4000
31.	Monitoring Period	October 2023 to December 2023

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

The project proponent also submitted a letter dated 13/09/2023 at the Secretariat through which they have informed that the collection of baseline monitoring data for the said project has already been started for post-monsoon season (October to December, 2023) as per provision of MoEFCC, OM dated 29/08/2017.

The consultant (EIA Coordinator) also submitted an affidavit dated 14/07/2023 mentioning is as follows:

1. I, Subhash Kumar, S/o Shri Banshidhar Pandey is EIA Coordinator of M/s P & M Solution
2. I have prepared EIA/EMP report for the proposal for Gitti/ Boulder, DoloStone Mining Project at Arazi/Gata No.- 4823, 4821, 4814, 4847, 4848, 4849, 4850, 4851, 4860 Mi, 4771, 4772, 4780, 4782, 4784, 4845, 4815 Mi, 4816 Mi, 4817 Mi, 4818 Mi, 4853 Mi & 4820 Mi near Village- Billi Markundi, Tehsil –Obra, District – Sonbhadra, U.P., (Leased Area- 3.55 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 application/EIA/EMP required are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 10

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

Additional TOR:

1. Project Proponent submit the certified compliance report from IRO, Lucknow, MoEF&CC for the environmental clearance issued by DEIAA, Sonbhadra vide its letter no. 21/Parya/DEIAA/SBR/2016, dated 18/05/2016 in favour of respective project proponent.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.

3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
 4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP and UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
 5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
 6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 10. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 11. Proposed plantation working plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 13. 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.
 14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 15. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.
- 11. Redevelopment and Expansion of 800 bedded S. N. Medical College & Hospital Phase-1 at the campus of Lady Loyal Women's Hospital Campus, Agra, U.P. Dr. Prashant Gupta Principal., 8442/SIA/UP/INFRA2/450255/2023**

The project proponent submitted an application dated 04/11/2023 (Proposal No. SIA/UP/INFRA2/450255/2023) was submitted by the project proponent M/s S. N. Medical College & Hospital for environmental clearance of Proposed "Redevelopment and Expansion of 800 bedded S. N. Medical College & Hospital Phase-1 at the campus of Lady Loyal Women's Hospital Campus, Agra, U.P."

In compliance of Hon'ble Supreme Court order dated 08/12/2021 in Writ Petition (Civil) No. 13381/1984, NEERI has nominated Dr. S.K. Goyal as a representative/member in SEAC, U.P. to appraise the proposal under the TTZ area. The above project proposal comes under the TTZ area and Dr. S.K. Goyal, representative of NEERI was present during the meeting through video conferencing for the appraisal of projects.

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 Rian Enviro Private Limited. The project proponent informed the committee that:

- Health Department, Uttar Pradesh is proposing for “Expansion of S. N. Medical College & Hospital in the existing campus of Lady Lyall Women’s Hospital”, Now onwards the entire campus will be known as SNMC. The Total plot area is 75557.49 Sqm. (7.56 Ha.) and total Built-up Area is 1,29,234 Sqm. (Existing = 14,095 Sqm. + Proposed = 1,15,139 Sqm.). The expansion will be done in different phases. In the phase 1, 800 bedded hospital is proposed with Trauma Centre & Emergency Medicine, Hospital building, Medical College, Mortuary Block and ancillary building.
- Uttar Pradesh Govt. has decided to merge the existing capacity of lady Lyall college Agra (land and Infrastructure both) with S. N. Medical College and Hospital at Plot No.: 358फ़, 363फ़, Khata No.: 160, Moti Katra, Agra, Uttar Pradesh.
- For development of lady Lyall 5 acres of land has been given to the Lady Lyall Women’s Hospital by the Health Department, Uttar Pradesh.
- Well-equipped facilities such as open parking, sewage treatment plant (STP), Effluent treatment Plant (ETP), Central BMW storage facilities, energy conservation fixtures, solar & LED lighting system, rainwater harvesting system, etc. are proposed.

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

1. The environment clearance is sought for Redevelopment and Expansion of 800 bedded S. N. Medical College & Hospital Phase-1 at the campus of Lady Loyal Women’s Hospital Campus, Agra, U.P., M/s S. N. Medical College & Hospital.
2. Environmental sensitivity details around the project site:

Description		Distance and Direction
Nearest School & College	R J Public School Diocesan Jr. High School Alphabetz Play School St. John College	Approx. 0.27 Km towards SSW. Approx. 0.63 Km towards EWE. Approx. 0.27 Km towards SE. Approx. 0.50 Km towards North.
Nearest Hospital	Puspanjali Hospital & Research Centre G.G. Medical Institute City Hospital Sparsh Malhotra Hospital	Approx. 1.39 Km towards NW. Approx. 1.37 Km towards North. Approx. 2.48 Km towards SW. Approx. 2.46 Km towards NW.
Places of worship	Old shiva Temple Hanuman Mandir Gopeshwar Nath Mahadev Taj Mahal	Approx. 0.02 Km towards East. Approx. 0.20 Km towards ENE. Approx. 0.30 Km towards NW. Approx. 4.0 Km towards ESE.
Water Bodies	Yamuna River	Approx. 1.66 Km towards East.
Nearest Town	Agra city	Approx. 1.15 Km towards South.
Sanctuary	Rvnishi Bird Sanctuary	Approx. 3.58 Km towards SE.
Reserve Forest/ Zoo	Babarpur Reserve Forest	Approx. 7.05 Km towards NE.
Defense installations	Agra Cantt Agra Central Jail Air Force Station Agra	Approx. 3.71 Km towards South. Approx. 2.8 Km towards NW. Approx. 3.8 Km towards SW.

3. Area details of the project:

Particulars	Area (Sqm.)
Area of the Plot (18.67 Acre)	75,557.49
Permissible Ground Coverage @35%	26,445.12
Permissible FAR @1.5	113,336.24
Proposed FAR @1.18	91696.34
Proposed Ground Coverage (27.43%)	20726.18
Existing Built-up Area	14095
Proposed Built-up Area	115139
Total Built-up Area	129234

Existing Ground Coverage	4196.66
Proposed Ground Coverage	16529.52
Total Ground Coverage achieved@27.43%	20726.18
Green Area @ 16.14%	12475
Roads Area	14761.69
Open Parking	21605.63
Parking in Basement	14228.21

4. Land use details:

S. No.	Particular	Area (sqm.)	In terms of Percentage
1.	Total Plot Area	75557.49	100.0
2.	Ground Coverage	20,726.18	27.43
3.	Green Area	12,475.00	16.51
4.	Roads ,Paved & Unpaved	42,356.31	56.06

5. Salient features of the project:

Sr. No.	Particulars	Details
1.	Name of the project	Proposed redevelopment / Expansion of 800 bedded S.N. Medical College & Hospital Phase-1 at Lady Loyal Women's Hospital Campus at District Agra, Uttar Pradesh
2.	Location of the Project	Plot No.: 358क, 363क , Khata No.: 160 Village/Tehsil - Moti Katra District - Agra State - Uttar Pradesh
3.	S. No. in the Schedule	8 (a)
4.	Total Plot Area	75557.49 Sqm.
5.	Total Built-up Area	1,29,234 Sqm. (Existing= 14,095 Sqm. + Proposed = 1,15,139 Sqm.)
6.	Proposed FAR @1.18	91696.34 Sqm.
7.	Open parking provided	21605.63 Sqm
8.	Parking Provided in Basement	14228.21 Sqm
9.	Total Parking area Provided	35833.84 Sqm
10.	Greenbelt area Provided @16.51%	12,475.00 Sqm.
11.	Total Ground Coverage proposed @27.43%	20,726.18 Sqm.
12.	Road Area	14761.69 Sqm.
13.	Details of Blocks	Number of Blocks: Existing: Emergency Block (50 Beds), Maternity Block (100 Beds), OPD / Emergency Block (1 unit), Cancer Linac Block (1 unit), Electric Sub Station (1 unit) Proposed: Trauma Centre, Emergency Medicine & Teaching Hospital (800 beds), Medical College (250 admissions), Mortuary (1 unit), Electric Substation (1 unit), Gate & Guard room (4 nos.)
14.	Maximum Height of the Building (m)	Approx. 35.80 m
15.	Stories	Hospital - B+G+7+S Medical college - B+7 Mortuary - G+1 ESS - G+1 Gate & Guard room (4 nos.) – G
16.	Rain Water Harvesting Pits (with size)	15 Nos. (38.48 Cumec)
17.	Total Water Requirement	~628 KLD Fresh water – 426 KLD Treated water– 202 KLD

		Horticulture & DG Cooling -95 KLD Source of fresh water: Ground water / Municipal water supply	
18.	Waste water Generated	~543 KLD	
19.	STP Capacity	~646 KLD	
20.	Solid Waste Generated	~1438 Kg/day	
21.	Biodegradable Waste	~863 Kg/day	
22.	Non-Biodegradable Waste	~575 Kg/day	
23.	Bio-medical waste generated	~1050 kg/day	
24.	Power Requirement	~6992 KW; Source: Torrent Power Limited	
25.	Power Backup	Gas Based Gen Set: 4x1500 KVA and 1x500 KVA, i.e. 6500 KVA	
26.	Project Cost	INR 450.9376 crores	
27.	EMP Budget	During Construction: Capital: 49.4 Lakhs Recurring: 17 Lakhs	
		Operational Cost: Capital: 176 Lakhs Recurring: 28 Lakhs	
28.	Connectivity	Agra railway station Raja ki mandi railway station Agra Fort railway station Billoch Pura railway station Agra airport NH -44 NH-21 NH-19	Approx. 1.1 Km towards NE. Approx. 1.2 Km towards NW. Approx. 1.1 Km towards SE. Approx. 2.1 Km towards NW Approx. 4.35 Km towards SW. Approx. 1.2 Km. towards SSE. Approx. 1.3 Km. towards ESE. Approx. 2.4 Km. towards North.
29.	Latitude	27°11'18.07"N	
30.	Longitude	78°00'16.47"E	

6. Comparative details of existing and expansion proposals:

Sl. No.	Description	Existing	Proposed	Total
1.	Built-up Area	14095 Sqm.	115139.53 Sqm.	129234 Sqm.
2.	Hospital	150 Beds	800 Beds	950 Beds
3.	Fresh water (KLD)	62	364	426
4.	Flushing (KLD)	31	171	202
5.	Total water (KLD)	93	536	628
6.	Total waste water (KLD)	81	462	543
7.	Proposed ETP (KLD)	20	+7 to be Extended	27
8.	Proposed STP (KLD)	80	646	646 + 80

7. Proposed population details:

Sl. No.	Description	Total Capacity / Bed
1.	Medical College & Hospital (Beds in Hospital Block)	950
2.	Attendant (With Patient)	950
3.	OPDs	4000
4.	Medical College & Hospital -Students	1250
5.	Hospital Staff (Admin, Security & Miscellaneous)	1300
6.	Mortuary Block	50
Total		8500

8. Water calculation details:

Sl. No	Description	Total Population	Water Requirement LPCD	Fresh/ Domestic LPD	Flushing LPD	Total water Requirement LPD	Total wastewater LPD
Hospital Unit							
1	Hospital Bed	950	450	285000	142500	427500	370500
2	Attendant with patient	950	135	85500	42750	128250	111150

	(24 hours)						
3	OPD	4000	15	40000	20000	60000	52000
4	Lab Operation & Theater	20000	..	20000	16000
5	Cafeteria	1000	35	25000	10000	35000	30000
6	Kitchen 2850 Meal per day	2850	35	71250	28500	99750	85500
7	Laundry @ 4 kg linen per day	2000		20000		20000	16000
Medical college unit							
8	Medical college	1250	35	25000	18750	43750	38750
9	Staff (Admin, Security & Miscellaneous)	1300	35	26000	19500	45500	40300
10	Canteen	400	35	8000	6000	14000	12400
11	Mortuary	50	90	3000	1500	4500	3900
	Grand Total			608750	289500	898250	776500
	DG Set Cooling & HVAC		1 lt./KVA/6 hr			45000	
	Landscape area use 12475 Sqm. @ 4 Litres/Sqm.		4 liter/sqm of Landscape area			49900	
	Total			609 KLD	289 KLD	898 KLD	776 KLD
Note -Water Conservation would be apply which is 30% Reduction in total Water Requirement.							
	Say		30% of Deduction	426 KLD	202 KLD	628 KLD	543 KLD

9. Waste water details:

Generation of Waste Water per day	543 KLD (80% of freshwater + 100% flushing water)
STP Capacity	646 KLD Technology: MBR
Treated Water Requirement	12 KLD

10. Landscape plan:

Total Plot Area	75557.49 sqm.
Proposed Landscape Area (Soft & Hard Green Area) @ 16.51%	12,475 Sqm.
Total No. of Trees will be Planted @ 1 tree per 80 Sqm. of Plot Area	944 Nos.
Proposed No. of Trees	944

11. Proposed parking:

Sl. No.	Details	Area (Sqm.)
1.	Total open parking provided	21605.63 Sqm
2.	Total Parking Provided in Basement	14228.21 Sqm
3.	Total Parking area Provided	35833.84 Sqm
4	Total Parking required (1.5 ECS /100sqm)	1375 ECS
5	Parking Provided in Basement (ECS)	445 ECS
6	Open parking provided (ECS)	939 ECS
7	Total no. of parking Provided	1384 ECS

12. Waste generation details:

SL. No	Description	Total Population	Unit rate Waste Generation	Solid Waste (Kg/day)	Bio-degradable	Non-biodegradable
1	Hospital Bed	950	1	950
2	Attendant with patient (24 hours)	950	0.45	427.5	256.5	171
3	OPD	4400	0.1	440	264	176
4	Staff Hospital Staff (Admin, Security & Miscellaneous)	1300	0.1	130	78	52
5	Medical college Student	1250	0.1	125	75	50

6	College Canteen	200	0.15	30	18	12
8	Kitchen (2850 Meal per day)	2850	0.1	285	171	114
	Total solid Waste			1438	863	575
Biomedical Waste Generation						
	950 Beds	1 kg/bed		950 kg/day		
	OPD Medical Waste	10% of total BMW		95 Kg/day		
	Total BMW			1045 Say 1050 kg/day		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 05/12/2023 mentioning is as follows:

1. I, Preeti Kumari, D/o Mr. Ras Bihari Mishra is EIA Coordinator of M/s Rian Enviro Private Limited.
2. I have prepared the EC report for the proposal of Redevelopment and Expansion of 800 bedded S. N. Medical College & Hospital Phase-1 at the campus of Lady Loyal Women's Hospital Campus, Agra, U.P., M/s S. N. Medical College & Hospital 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 required for EC application presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO-11

The committee discussed the matter and observed that the project proponent/consultant has not been submitted the point wise compliance of TTZ Sectoral Guidelines (Box-1) prepared by NEERI for different category of Industries/Project/Activities falling in the TTZ area. The committee advised the project proponent to submit the above information and list the matter in next SEAC meeting proposed on 28/12/2023.

12. Gitti, Boulder (Dolo Stone) Mining Project at Gata No. 4419 Kha, 4419 Ga, 4422 Ka Mi, 4416Ka, 7576, 7577 Kha, 4420 Mi, Village- Billi Markundi, Tehsil- Obra , Sonbhadra, Shri Chandra Bhushan Gupta & Shri Shafiq Ahmad, Area 1.967 Ha., 8444/SIA/UP/MIN/451343/2023

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 P & M Solution. 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 Gitti, Boulder (Dolo Stone) Mining Project at Gata No. 4419 Kha, 4419 Ga, 4422 Ka Mi, 4416Ka, 7576, 7577 Kha, 4420 Mi, Village- Billi Markundi, Tehsil- Obra , Sonbhadra, (Leased Area- 1.967 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/451343/2023
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Minutes of 814th SEAC-2 Meeting Dated 06/12/2023

2.	File No. allotted by SEIAA, UP	8444																																				
3.	Name of Proponent	M/s B.C.S. ENTERPRISES (Partners – Shri Chandra Bhushan Gupta & Shri Shafiq Ahmad)																																				
4.	Full correspondence address of proponent	R/o- Obra, Tehsil- Obra, District- Sonbhadra (U.P)																																				
5.	Name of Project	Billi Markundi, Gitti, Boulder (Dolo Stone) Mining Project																																				
6.	Project location (Plot/ Khasra /Gata No.)	4419 Kha, 4419 Ga, 4422 Ka Mi, 4416Ka, 7576, 7577 Kha, 4420 Mi																																				
7.	Name of Village	Billi Markundi																																				
8.	Tehsil	Obra,																																				
9.	District	Sonbhadra																																				
10.	Name of Minor Mineral	Gitti, Boulder,(Dolo Stone)																																				
11.	Sanctioned Lease Area (in Ha.)	1.967																																				
12.	Max. & Min mRL within lease area	206 mRL & 199 mRL																																				
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr><td>A</td><td>24°27'46.68"N</td><td>83° 1'17.33"E</td></tr> <tr><td>B</td><td>24°27'46.19"N</td><td>83° 1'19.01"E</td></tr> <tr><td>C</td><td>24°27'41.54"N</td><td>83° 1'18.61"E</td></tr> <tr><td>D</td><td>24°27'42.11"N</td><td>83° 1'15.94"E</td></tr> <tr><td>E</td><td>24°27'42.00"N</td><td>83° 1'14.68"E</td></tr> <tr><td>F</td><td>24°27'41.38"N</td><td>83° 1'15.60"E</td></tr> <tr><td>G</td><td>24°27'40.60"N</td><td>83° 1'17.50"E</td></tr> <tr><td>H</td><td>24°27'39.83"N</td><td>83° 1'16.73"E</td></tr> <tr><td>I</td><td>24°27'40.41"N</td><td>83° 1'15.25"E</td></tr> <tr><td>J</td><td>24°27'40.17"N</td><td>83° 1'15.06"E</td></tr> <tr><td>K</td><td>24°27'41.42"N</td><td>83° 1'12.56"E</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	24°27'46.68"N	83° 1'17.33"E	B	24°27'46.19"N	83° 1'19.01"E	C	24°27'41.54"N	83° 1'18.61"E	D	24°27'42.11"N	83° 1'15.94"E	E	24°27'42.00"N	83° 1'14.68"E	F	24°27'41.38"N	83° 1'15.60"E	G	24°27'40.60"N	83° 1'17.50"E	H	24°27'39.83"N	83° 1'16.73"E	I	24°27'40.41"N	83° 1'15.25"E	J	24°27'40.17"N	83° 1'15.06"E	K	24°27'41.42"N	83° 1'12.56"E
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K	24°27'41.42"N	83° 1'12.56"E																																				
14.	Total Geological Reserves	704800 cum																																				
15.	Total Mineable Reserves	413304 cum																																				
16.	Total Proposed Production (in five year)	5,00,000 cum (1st Year to 5th Year)																																				
17.	Proposed Production / year	1,00,000 cum/annum or 2,70,000 TPA																																				
18.	Sanctioned Period of Mine lease	10 years																																				
19.	No. of workers	50																																				
20.	Type of Land	Waste Land																																				
21.	Ultimate depth of mining	182 mRL																																				
22.	Nearest metalled road from site	SH-5A																																				
23.	Water Requirement	18.34~18.30 KLD																																				
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	P & M Solution Certificate No: NABET/EIA/2326/RA 0298 Validity : 07 May 2026																																				
25.	Any litigation pending against the project or land in any court	No																																				
26.	Details of 500 m Cluster certificate Verified by Mining Officer	Letter no. 2127/khanij/Kha.Pa./2023, Dated-31/10/2023																																				
27.	Details of Lease Area in approved DSR	Attached																																				
28.	Proposed EMP cost	Rs. 12,05,000/- (Capital Cost) Rs. 4,70,000/- (Recurring Cost)																																				
29.	Length and breadth of Haul Road.	Length 820m, breadth 6m																																				
30.	No. of Trees to be Planted	2000																																				
31.	Monitoring Period	NA																																				

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

Sl. No.	Measures	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
1.	Pollution Control Dust Suppression /Water Sprinkling	2,00,000	1,00,000
2.	Pollution Monitoring i) Air pollution ii) Water pollution iii) Soil Pollution		80,000 30,000 10,000

	iv) Noise Pollution		10,000
3.	Green belt development	8,00,000	1,00,000
4.	Construction & Maintenance of haul road	2,05,000	1,50,000
Total		12,05,000/-	4,70,000
Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.			

4. 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.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. 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.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 10/07/2023 mentioning is as follows:

1. I, Subhash Kumar, S/o Shri Banshidhar Pandey is EIA Coordinator of M/s P & M Solution
2. I have prepared EIA/EMP report for the proposal for Gitti, Boulder (Dolo Stone) Mining Project at Gata No. 4419 Kha, 4419 Ga, 4422 Ka Mi, 4416Ka, 7576, 7577 Kha, 4420 Mi, Village- Billi Markundi, Tehsil- Obra , Sonbhadra, (Leased Area- 1.967 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 application/EIA/EMP required are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 12

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

1. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
2. The project proponent shall install solar lights in their project area to minimise the consumption of electricity.
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/Expert Agency in this field.
 5. 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 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.
 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. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
 15. 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.
 16. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, UP.
- 13. “Sand/Morrum Mining” on the riverbed of River Dhasan at Gata No.- 523, Village- Khakaura, Tehsil- Mauranipur, District- Jhansi, Dr. Kunal Singh, Area 20.0 Ha., 8446/SIA/UP/MIN/451259/2023**

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

1. The terms of reference is sought for Khakaura Sand/Morrum Mine at Gata No.- 523, Village- Khakaura, Tehsil- Mauranipur, District- Jhansi, U.P., of M/s Kayden Mines and Minerals Private Limited, (Leased Area- 20.0 ha.).
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/ 451259 /2023		
File No. allotted by SEIAA, UP	8446		
Name of Proponent	M/s Kayden Mines and Minerals Private Limited Prop. Dr. Kunal Singh		
Full correspondence address of proponent and mobile No.	R/o 265 Defence Colony, Hissar, Haryana		
	Mobile No-		
	Email-		
Name of Project	Khakaura Sand/Morrum Mining project		
Project location (Plot/Khasra/Gata No.)	Gata No. 523		
Name of Village	Khakaura		
Tehsil	Mauranipur		
District	Jhansi		
Name of Minor Mineral	Sand/Morrum		
Sanctioned Lease Area (in Ha.)	20.0 ha		
Max & Min mRL within lease area	Max- 215 mRL & 214.45 mRL		
Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25° 9'38.59"N	79°18'46.39"E
	B	25° 9'39.69"N	79°18'50.11"E
	C	25° 9'33.09"N	79°18'54.50"E
	D	25° 9'22.50"N	79°19'4.50"E
	E	25° 8'57.45"N	79°19'23.09"E
	F	25° 8'55.21"N	79°19'18.34"E
	G	25° 9'1.80"N	79°19'12.30"E
	H	25° 9'17.60"N	79°19'3.80"E
	I	25° 9'31.50"N	79°18'51.60"E
J	25° 9'35.70"N	79°18'47.70"E	
Total Geological Reserves	1,77,274 Cum		
Total Mineable Reserves in LOI	75,000 cum in 6 months		
Total Proposed Production	75,000 cum in 6 months		
Proposed Production/year	75,000 cum in 6 months		
Sanctioned Period of Mine lease	6 months		
No. of workers	41		
Type of Land	Government waste land		
Ultimate Depth of Mining	.55		
Nearest metalled road from site	0.50 km		
Water Requirement	Purpose	Requirement (KLD)	
	Drinking	0.41	
	Suppression of dust	6.66	
	Plantation	4.0	
	Others (if any)	0.41	
	Total	11.48	
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. Certificate No. NABET/EIA/1922/SA 0186, Validity- 10-12-2023		
Any litigation pending against the project or land in any court	No		
Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified 1380/30M.M.C/2023-24 Dated-21/09/2023		
Details of Lease Area in approved DSR	Yes, given in the DSR, at Page No. 53 Sl. No. 14		
Proposed EMP cost	Recurring Cost- 23,25,000/- including CER		
Length and breadth of Haul Road	Length: 0.555 km, width: 6 m		
No. of Trees to be Planted	4000 plants		
Monitoring Period	Oct 2023 to Dec 2023		

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 28/11/2023 mentioning is as follows:

1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
2. I have prepared TOR project for the proposal (SIA/UP/MIN/451259/2023), File No. 8446 of Khakaura Sand/Morrum Mine at Gata No.- 523, Village- Khakaura, Tehsil- Mauraipur, District- Jhansi, U.P., of M/s Kayden Mines and Minerals Private Limited, (Leased Area- 20.0 ha.) with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for TOR project preparation are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The Form-1, PFR and EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 13

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

Additional TOR:

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP and UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the

- people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 12. Proposed plantation working plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
 15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 16. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

14. “Sand/ Morrum Mining” Project at Gata No.- 58, 107, 108, 109, 110, 111, & 114, Village- Madauli Khurd Khadar, Tehsil- Pailani, District- Banda, Shri Yaduvanshi Vikas Singh, Area : 7.053 Ha., 8452/SIA/UP/MIN/451434/2023

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

1. The terms of reference is sought for Sand/ Morrum Mining at Gata No.- 58, 107, 108, 109, 110, 111 & 114, Village- Madauli Khurd Khadar, Tehsil- Pailani, District- Banda, U.P., M/s Pragya Vision Business (O.P.C) Pvt. Ltd., Director- Shri Yaduvanshi Vikas Singh S/o Shri Yaduvanshi Ashok Kumar Singh (Leased Area- 7.053 ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/451434/2023
2.	File No. allotted by SEIAA, UP	8452
3.	Name of Proponent	Pragya Vision Business (O.P.C) Pvt. Ltd., Director- Shri Yaduvanshi Vikas Singh S/o Shri Yaduvanshi Ashok Kumar Singh
4.	Full correspondence address of proponent and mobile no.	Add.- 94, Eldeco Green, Gomati Nagar, Lucknow. U.P.
5.	Name of Project	Sand/ Morrum Mining Project
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 58, 107, 108, 109, 110, 111, & 114
7.	Name of River	Ken
8.	Name of Village	Madauli Khurd Khadar
9.	Tehsil	Pailani
10.	District	Banda
11.	Name of Minor Mineral	Sand/ Morrum
12.	Sanctioned Lease Area (in Ha.)	7.053 ha.

13.	Max.& Min mrl within lease area	117.0 MSL - 107.0 amsl		
14.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		Total Area (7.053 Hact)		
		A	25°44' 17.27"N	80°23' 28.30"E
		B	25°44' 14.83"N	80°23' 28.40"E
		C	25°44' 12.67"N	80°23' 17.68"E
		D	25°44' 14.54"N	80°23' 08.88"E
		E	25°44' 19.06"N	80°22' 59.15"E
		F	25°44' 20.04"N	80°22' 59.55"E
		G	25°44' 17.00"N	80°23' 15.85"E
		H	25°44' 17.79"N	80°23' 20.63"E
		I	25°44' 15.67"N	80°23' 20.57"E
		J	25°44' 15.99"N	80°23' 23.89"E
		K	25°44' 15.20"N	80°23' 23.87"E
		L	25°44' 15.42"N	80°23' 25.24"E
		M	25°44' 14.83"N	80°23' 25.35"E
		N	25°44' 14.99"N	80°23' 27.05"E
		O	25°44' 17.02"N	80°23' 27.01"E
		Submerged Area (0.7456 Hact)		
		D	25°44' 14.54"N	80°23' 08.88"E
		E	25°44' 19.06"N	80°22' 59.15"E
		F	25°44' 20.04"N	80°22' 59.55"E
		Fl	25°44' 19.70"N	80°23' 01.48"E
		Non- Workable & Submerged Area (0.4515 Hact)		
		A	25°44' 17.27"N	80°23' 28.30"E
		B	25°44' 14.83"N	80°23' 28.40"E
		B1	25°44' 13.90"N	80°23' 23.61"E
		K	25°44' 15.20"N	80°23' 23.87"E
		L	25°44' 15.42"N	80°23' 25.24"E
		M	25°44' 14.83"N	80°23' 25.35"E
		N	25°44' 14.99"N	80°23' 27.05"E
O	25°44' 17.02"N	80°23' 27.01"E		
15.	Total Geological Reserves	171580 m ³		
16.	Total Mineable Reserves	102817 m ³		
17.	Total Proposed Production (in five year)	507520 m ³		
18.	Proposed Production / year	101504 m ³		
19.	Sanctioned Period of Mine lease	5 Year		
20.	Method of Mining	Opencast Semi-Mechanized		
21.	No.Of workers	43 (average)		
22.	Type of Land	River Bed Govt. Land		
23.	Ultimate Depth of Mining	2.40 meter (average)		
24.	Nearest metallad road from site	1.20 km		
25.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.50	
		Suppression of dust	7.20	
		Plantation	0.80	
		Total	8.50	
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024		
27.	Any litigation pending against the project or land in any court	No		
28.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Banda (Khanan Anubhag) vide Letter No. 209/Khanij-30, Banda Dated- 24.08.2023		
29.	Details of Lease Area in approved DSR	Page No.- 65, S.No.- 76 with Sudhi Patra No.-1024/ Khanij-30, Banda, Dated 29.11.2023		
30.	Proposed CER cost	1.30 Lakh		

31.	Proposed EMP cost	EMP in First Year - 12.22 Lakh EMP (Recurring Years) – 8.60 Lakh
32.	Length and breadth of Haul Road.	Length- 1.20 km, Width- more than 6.0 m
33.	No. of Trees to be Planted	800
34.	Monitoring Period	Oct., 2023 to Dec., 2023 (Post- Monsoon Season)

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 22/11/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepared EIA report for EC in the name of Pragyavision Business (O.P.C) Pvt. Ltd., Director- Shri Yaduvanshi Vikas Singh S/o Shri Yaduvanshi Ashok Kumar Singh for the Proposed “Sand/ Morram” Project at Gata No.- 58, 107, 108, 109, 110, 111, & 114, Village- Madauli Khurd Khadar, Tehsil- Pailani, District- Banda, U.P. (Applied Area : 7.053 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 14

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

Additional TOR:

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

monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.

4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP and UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation working plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

15. Morrum Mining Project at Gata No.-824 kha, Khand- 02, Village- Aghori khas, Tehsil Obra, District Sonbhadra, Shri Rasmeet Singh Malhotra., M/s Malhotra Brothers (Area - 16.194 ha.), 6506/SIA/UP/MIN/66751/2021

The Secretariat informed the committee that the matter was earlier discussed in 742nd SEAC meeting dated 25/04/2023 and the project proponent/consultant did not appear in the meeting and the committee decided that the project file should be closed and be opened only after request from the project proponent. The project proponent submitted their request through online Parivesh Portal and the matter was listed in 814th SEAC meeting dated 06/12/2023.

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

1. The environmental clearance is sought for Riverbed Morrum Mining Project at Gata No.-824 kha, Khand- 02, Village- Aghori khas, Tehsil Obra, District Sonbhadra, U.P., M/s Malhotra Brothers (Area -16.194 ha.).

2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 338/Parya/SEIAA/6506/2021, dated 30/11/2021.
3. The Public Hearing was organized on 30/05/2022. Final EIA report submitted by the project proponent on 07/07/2022.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/66751/2021		
2.	File no. allotted by SEIAA, UP	6506		
3.	Name of proponent	M/s Malhotra Brothers Project Prop.- Rasmeet Singh Malhotra		
4.	Full correspondence address of proponent.	R/o- Main Road, Pipariya, Madhya Pradesh- 461775		
5.	Name of Project	Riverbed Morrum Mining Project		
6.	Project location (Plot / Khasra / Gata No.)	Gata No.- 824 Kha, Khand- 02		
7.	Name of Village	Aghori Khas		
8.	Tehsil	Obra		
9.	District	Sonbhadra (U.P.)		
10.	Name of Minor Mineral	Riverbed Morrum		
11.	Sanction Lease Area (in Ha.)	16.194 Ha.		
12.	Max. & Min mRL within lease area	Max- 171Mrl & Min-168mRL		
13.	Pillar Coordinates (Verified by DMO)			
		Pillar	Latitude(N)	Longitude(E)
		A	24°33'29.54"N	82°57'20.43"E
		B	24°33'32.74"N	82°57'31.51"E
		C	24°33'17.76"N	82°57'37.49"E
		D	24°33'14.49"N	82°57'26.10"E
14.	Total Geological Reserves	6,47,760 m ³ / Year		
15.	Total Mineable Reserves	2,78,893 m3 / Year		
16.	Total Proposed Production (in five year)	12,95,520 m3 in 5 years.		
17.	Proposed production / year	2,59,104 m3 / year		
18.	Sanction Period of Mine lese	5 years		
19.	No. of workers	Approximately 76 workers		
20.	Type of Land	Government Land		
21.	Ultimate depth of mining	2.5 m as per approved mining plan		
22.	Nearest metalled road from Site	SH-5 is about 6.71 km towards South- East direction		
23.	Water requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking water		0.86 KLD
		Dust suppression		2.61 KLD
		Plantation		0.085 KLD
		Others (if any)		-
		Total		3.55 KLD (Approx. 3.6 KLD)
24.	Name of QCI Accredited Consultant with QCI No. and period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (REV-01) Valid up to 21/01/2024.		
25.	Any litigation pending against the project or land in any court.	No		
26.	Detail of 500 m Cluster certificate verified by mining officer	Letter No.-1357/ Khanij /2021 on Dated- 11/05/2021		
27.	Detail of Lease Area in approved DSR	Page No. – 26, S.I No. – 11 (Shudhi Patra letter no- 957/Khanij/2021 date 20.03.2021)		
28.	Proposed EMP cost	Rs 7,31,020/-		
29.	Length and breadth of Haul Road	290 m length and 6.0 m width		
30.	No. of Trees to be planted.	85		
31.	Monitoring Period.	01 October 2021 to 31 December 2021		

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

A)	Budget allocated for CER			
Sr. No.	Particulars	Estimated Cost	Numbers/Quantity	Total Cost
1	Maintenance of water tank & repair of	Rs. 40,000	-	40,000

	bore in primary school of Aghorikhas, Obra (as per suggestion by ADM during PH)			
2	Installation of Solar light in village Aghorikhas, Obra (<i>Connecting road of Village- Aghori Khas</i>)	Rs. 20,000 per Solar light	Rs. 20,000 × 1 Solar light	20,000
3	Health Check-up camps for the workers.	Six monthly		50,000
4	Haul Road Maintenance			50,000
Total Developmental Budget				1,60,000/-
Total EMP Budget (EMP Rs 5,71,020 + Rs 1,60,000/ Developmental Budget)				Rs 7,31,020 /-

6. 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.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
8. 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.
9. There is no litigation pending in any court regarding this project.
10. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 29/11/2023 mentioning is as follows:

1. I Dr. Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
2. I have prepared EIA Project for the Proposal No. SIA/UP/MIN/66751/2021 (FILE NO- 6506) M/s Malhotra Brothers, Prop- Rasmeet Singh Malhotra, Address- Main Road, Pipariya, Madhya Pradesh of Morrum Mining Project of Gata No.- 824 Kha, Khand- 02, Village- Aghori Khas, Tehsil- Obra, District- Sonbhadra, Uttar Pradesh (Total Lease Area - 16.194 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 have satisfied with that all the necessary data/information required for EIA Project presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 15

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 the following additional conditions:

1. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.

3. Project Proponent should submit action plan for carrying out plantation at least @ 1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
4. The project proponent shall install solar lights in their project area to minimise the consumption of electricity.
5. 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.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer/ Expert Agency in this field.
7. 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.
8. 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.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. 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.
12. As per the proposed working 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
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

16. “Ordinary Soil Excavation Project” at Gata No.- 2026, located in village Ashakhera, Tehsil Hasanganj, District Unnao, Shri Shirish Pratap Singh, Area- 0.530 Ha., 8286/SIA/UP/MIN/445326/2023

The Secretariat informed the committee that the matter was earlier discussed in 798th SEAC meeting dated 13/10/2023 and the project proponent/consultant did not appear in the meeting and the committee decided that the project file should be closed and be opened only after request from the project proponent. The project proponent submitted their request through online Parivesh Portal and the matter was listed in 814th SEAC meeting dated 06/12/2023.

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

1. The environmental clearance is sought for “Ordinary Soil Excavation Project” at Gata No.- 2026, Village Ashakhera, Tehsil Hasanganj, District Unnao, Shri Shirish Pratap Singh, (Lease Area: 0.530 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/445326/2023
2.	File no. allotted by SEIAA, UP	8286
3.	Name of proponent	Shri Shirish Pratap Singh S/o Shri Ravindra Pratap Singh
4.	Full correspondence address of proponent.	Address – 452, Adarsh Nagar, District- Unnao, U.P
5.	Name of Project	Mining of Minor Mineral (Ordinary Soil)

6.	Project location (Plot / Khasra / Gata No.)	Gata No. 2026		
7.	Name of Village	Ashakhera		
8.	Tehsil	Hasanganj		
9.	District.	Unnao (U.P.)		
10.	Name of Minor Mineral	Ordinary Soil		
11.	Sanction Lease Area (in Ha.)	0.530 Ha.		
12.	Max. & Min mRL within lease area	The elevation of the given excavation site is 126 mRL		
13.	Pillar Coordinates (Verified by DMO)			
		Pillar	Latitude(N)	Longitude(E)
		A	26°37'24.00"N	80°44'23.55"E
		B	26°37'25.48"N	80°44'22.75"E
		C	26°37'26.54"N	80°44'24.23"E
D	26°37'25.47"N	80°44'25.50"E		
14.	Total Geological Reserves	13,250 m3		
15.	Total Mineable Reserves	10,971 m3		
16.	Total Proposed Production (in 3 months)	10,971 m3 in 3 months		
17.	Proposed production / month	3,657 m3 per month		
18.	Sanction Period of Mine lese	3 months		
19.	No. of workers	Approximately 17 workers		
20.	Type of Land	Private land (Agricultural)		
21.	Ultimate depth of mining	2.3 meter (as per mining plan approval letter)		
22.	Nearest metalled road from Site	NH-27 is about 1.0 km towards NW direction from the excavation site		
23.	Water requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking water		0.27 KLD
		Dust suppression		1.08 KLD
		Plantation		0.005 KLD
		Others (if any)		-
		Total		1.35 KLD
24.	Name of QCI Accredited Consultant with QCI No. and period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (REV-01) Valid up to 21/01/2024.		
25.	Any litigation pending against the project or land in any court.	No		
26.	Detail of 500 m Cluster certificate verified by mining officer	Letter No. 191/Khanij vibhag/2023-24 on dated 12/06/2023		
27.	Detail of Lease Area in approved DSR	NA		
28.	Proposed EMP cost	Rs. 1,09,810/-		
29.	Length and breadth of Haul Road	120 m length and 6m width		
30.	No. of Trees to be planted.	5		
31.	Monitoring Period.	NA		

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

A) Environment Management Plan (EMP)				
Sr. No.	Particulars	Estimated Cost	Numbers/Quantity	Total Cost(Rs)
1	Proposed Saplings	Rs. 80 per Sapling	5saplings (5× Rs. 80)	400/-
2	Required Tree Guard	Rs. 400 per unit	(5 × Rs. 400)	2,000/-
3	Water Requirement for plantation (@5 saplings × 0.5 litres of water× two times per day = 0.005 KLD.	Rs. 1100 per KL or Rs 1.1 per litre	0.005 KLD of water/day × 90 (working days) × Rs 1100 litre	490/-
4	Sprinkling on haulage route for dust suppression 120 m length × 6 m width × 1.5 litres of water per m ² × 1 times a day= 1.08	Rs. 1100 per KL or Rs 1.1 per litre	Rs. 1100 × 1.08 KLD of water/day × 90 (working days)	106920/-

	KLD			
Average cost of the EMP Budget				1,09,810/-
B)	Budget allocated for Development Project			
Sr. No.	Particulars	Estimated Cost	Numbers/Quantity	Total Cost
1	Distribution of Steel Furniture (Bench & chair) For students of primary school	Rs. 4000 per piece@ 1 chair&table	Total 10 piece	40,000
2	Installation of Solar light along Haul Road in village Ashakhera	Rs. 20,000 per Solar light	Rs. 20,000 × 1 Solar light	20,000
3	Health Check-up camps for the workers.	Six monthly		50,000
4	Haul Road Maintenance			50,000
Total Developmental Budget				1,60,000/-
Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.				

4. 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.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. 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.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 29/11/2023 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- QCI/NABET/ EIA/ 1922/RA 0200 (Rev-01), valid till- 21.04.2024.
2. I have prepared EC (B2) report for the Proposal No. SIA/UP/MIN/445326/2023, Soil Excavation Project Gata Nos. 2026 Total Area – 0.530 Ha. Village – Ashakhera, Tehsil – Hasanganj, District - Unnao (U.P.) Prop. – Shri Shirish Pratap Singh S/o Shri Ravindra Pratap Singh R/o – 452, Adarsh Nagar, District-Unnao, (Uttar Pradesh) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EC (B2) presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EC (B2) report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

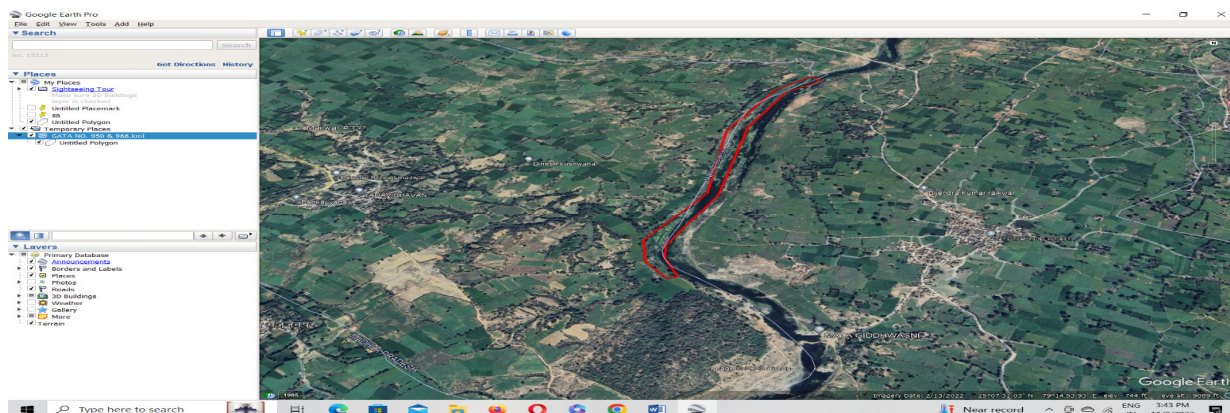
RESOLUTION AGAINST AGENDA NO. 16

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-4 to these minutes.

17. “Sand/Morrum Mining Project” at Gata No. - 950 & 966, Village - Mailwara, Tehsil - Mauranipur & District - Jhansi, Shri Ashu Singh Bhati, Area 14.164 Ha., 8218/7656/SIA/UP/MIN/443192/2023

The Secretariat informed the committee that the matter was earlier discussed in 795th SEAC meeting dated 05/10/2023 and recommended to grant the environmental clearance for the project proposal along with general and specific conditions. Subsequently, the matter was listed in 772nd SEIAA meeting dated 03/11/2023 wherein:

“SEIAA noted that SEAC has recommended to grant EC to the above project SEIAA gone through file and document and noted that part of the area lies in Madhya Pradesh. Hence SEIAA opined to refer back the project to SEAC for review.”



As per the above decision of SEIAA, the matter was listed in 814th SEAC meeting dated 06/12/2023. The project proponent submit the reply of query and mentioned is as follows:

“As per the Gata details mentioned in Khatauni issued by the Revenue Department, Government of Uttar Pradesh, the project located at Gata No- 950 & 966 Village: Mailwara, Tehsil- Mauranipur District- Jhansi, Uttar Pradesh falls under UP State boundary. We are hereby attached the Khatauni for your reference.”

The committee has gone through the reply of project proponent and observed that the Khatauni issued by the Revenue Department, Government of Uttar Pradesh shows that the proposed gata nos. 950 & 966, Village - Mailwara, Tehsil - Mauranipur & District – Jhansi comes under the boundary of Uttar Pradesh. Hence, the committee opined that the reply submitted by the project proponent seems to be satisfactory and recommended to grant the environmental clearance for the project proposals along with general and specific conditions as earlier prescribed in 795st SEAC meeting dated 05/10/2023.

18. “Nihampur Syodha Sand/Morrum Mining Project at Riverbed of River Ken, at Gata No492/13, Village-Nihampur Syodha, Tehsil-Naraini, District-Banda, Shri Vinod Sharma, Area- 24.0 ha., 8410/SIA/UP/MIN/450566/2023

RESOLUTION AGAINST AGENDA NO. 18

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.

19. T-5 Commercial Project at Plot No. 5(T-5) at International Business Bay-1, Sushant Golf city, Hi-Tech Township, Sultanpur Road, District- Lucknow, Shri Sunil Miglani, M/s SJP Hotel & Resort Pvt. Ltd., 8002/7401/SIA/UP/INFRA2/433987/2023

The project proponent submitted an application dated 29/11/2022 (Proposal No. SIA/UP/MIS/82971/2022) was made by the project proponent M/s SJP Hotel & Resort Pvt. Ltd for environmental clearance of Proposed “T-5 Commercial Project at Plot No. 5(T-5) at International

Business Bay-1, Sushant Golf city, Hi-Tech Township, Sultanpur Road, Lucknow” under violation category as per procedure laid down in MoEF&CC, Govt. of India Office Memorandum dated 7th July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

As per the documents/presentation the committee was informed that 05% of construction work has already been completed by the project proponent without obtaining prior environmental clearance and total project cost incurred as on date certified by the Govt. authorized valuer will be submitted at the time of EIA presentation.

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

In view of the above, the committee directed the project proponent to submit letter from District Magistrate, Lucknow, Lucknow Development Authority, Nagar Nigam, Lucknow and UPPCB, Lucknow mentioned that there is no complaint received against the aforesaid project regarding start of construction work at the site. The committee decided that as per provision of SoP/OM dated 7th July, 2021 the penalty will be imposed after submission of above letters by the project proponent.

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

The terms of reference for the project proposal was issued by SEIAA vide letter no. 61/Parya/SEIAA/7401/2022, dated 29/05/2023. EIA report submitted by the project proponent through online Parivesh Portal vide Proposal no. SIA/UP/INFRA2/433987/2023, SEIAA File No. 8002) on 20/06/2023.

The matter was listed in 774th SEAC meeting dated 17/08/2023 for EIA appraisal and the committee directed the project proponent to submit information regarding the project. The project proponent submit the reply of queries vide letter dated 30/10/2023.

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

1. The environmental clearance is sought for Commercial Project at Plot No. 5(T-5) at International Business Bay-1, Sushant Golf City, Hi-Tech Township, Sultanpur Road, Lucknow, M/s SJP Hotel & Resort Pvt. Ltd.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 61/Parya/SEIAA/7401/2022, dated 29/05/2023.
3. Salient features of the Project:

S.N.	Description	Proposed
1.	Ground Coverage	2452.62 m ²
2.	Built-up Area	39173.26 m ²
3.	Green Area	1106
4.	Water Requirement Construction Phase Operational Phase	13 KLD (STP treated near by CSTP) 207 KLD (Municipal Supply)

5.	Fresh Water Requirement	73.0 KLD
6.	Treated Water Requirement	134.0 KLD
7.	Wastewater Generation	172 KLD
8.	Capacity of STP	Common STP of the Township will be used for treatment of waste water
9.	Solid Waste Generation	1652 kg/day
10.	Parking Facilities Required Total Parking required Total Parking Proposed	315 ECS 331ECS
11.	Power Demand & Source	2760 KVA, (UPPCL)
12.	Back up	2760 KVA (2x1010 + 1x650 KVA)
13.	RWH Pits	2 pits
14.	Project Cost	100 .00 crore
15.	Expected Date of Completion	5 Years after the grant of EC

4. Area Details:

AREA DETAIL					
1	TOTAL PLOT AREA			93405.30	Sq.mt.
2	PERMISSIBLE GROUND COVERAGE			2590.00	Sq.mt.
3	PROPOSED GROUND COVERAGE			2452.62	Sq.mt.
4	PERMISSIBLE F.A.R AREA (A+B)			22050.00	Sq.mt.
	A	PERMISSIBLE F.A.R AREA @ 2.5		21000.00	Sq.mt.
	B	5% GREEN BUILDING F.A.R AREA		1050.00	Sq.mt.
5	PROPOSED F.A.R AREA (Sheet No. 1)			29151.48	Sq.mt.
	F.A.R. AREA TO BE PURCHASED			7101.48	Sq.mt.
6	REQUIRED PARKING (A+B)			459	Nos.
	A	PARKING @ 1.5 CARS/100 SQ.MT. COVERED AREA		437	Nos.
	B	5% VISITOR'S PARKING		22	Nos.
7	PROPOSED PARKING AS PER LAYOUT (A+B+C)			459	Nos.
	A	BASEMENT-2 PARKING PRIMARY CARS	4	194	Nos.
		BASEMENT-2 PARKING MECHANICAL CARS	190		
	B	BASEMENT-3 PARKING PRIMARY CARS	18	202	Nos.
		BASEMENT-3 PARKING MECHANICAL CARS	184		
	C	SURFACE PARKING		63	Nos.

5. Water Requirement Details:

Description	Occupancy	Water Requirement as per CGWA Norms	Fresh Domestic Water Requirement (KLPD)	Flushing Water Requirement (KLPD)
Commercial :				
Total Population	10327			
Visitors@ 90% of total Population	9294	15	47	93
Staff@10% of total Population	1033	45	26	21
Total			73	114
Capacity of STP (80 % of Domestic Water+ 100% of Flushing Water)			172	KLD
Add 20% as environmental norms requirement			35	KLD
Proposed capacity of STP			207	KLD
Total Treated Water Generation			155	KLD
Total Water Requirement		207 KLD		
Fresh Water Requirement		73 KLD		
Treated Water Requirement for Flushing		114 KLD		
Treated Water Requirement for Horticulture/HVAC cooling Etc.		20 KLD		
Wastewater Generated (@ 80% fresh domestic water + 100% flushing)		58 +114=172 KLD		
STP capacity		Common STP of the township will be used for treatment of waste water		

6. Solid Waste Generation Details:

S. No.	Category	kg per capita per day	Waste generated (kg/day)
1.	Domestic Waste		
(a)	Staffs	1033@ 0.25 kg/day	258

(b)	Visitors	9294 @ 0.15 kg/day	1394
	TOTAL SOLID WASTE GENERATED		1652 kg/day

7. Parking Required Details:

REQUIRED PARKING (A+B)			459	Nos.
A	PARKING @ 1.5 CARS/100 SQ.MT. COVERED AREA		437	Nos.
B	5% VISITOR'S PARKING		22	Nos.
PROPOSED PARKING AS PER LAYOUT (A+B+C)			459	Nos.
A	BASEMENT-2 PARKING PRIMARY CARS	4	194	Nos.
	BASEMENT-2 PARKING MECHANICAL CARS	190		
B	BASEMENT-3 PARKING PRIMARY CARS	18	202	Nos.
	BASEMENT-3 PARKING MECHANICAL CARS	184		
C	SURFACE PARKING		63	Nos.

8. Power Requirement Details:

- Power requirement for the project is 2760 kVA .
- Source of power will be Uttar Pradesh Power Corporation Limited (UPPCL).
- 02 Nos. of DG sets of total capacity 2760 KVA (2x1010 + 1x650 KVA) will be provided for power back up.
- Silent DG sets are proposed to reduce the noise level and CPCB norms will be complied to check the pollution.
- Monitoring of the DG Sets (stack emission) will be done quarterly

9. Budget for remediation plan:

S.N.	Item	Action Plan	Budget in Rs. (Lakhs)
1.	Air Environment	Plantation of trees around the project periphery	10.00
		Installation of Dust suppression and water sprinkling system	1.00
		Maintenance of construction equipment/ machineries	0.60
2.	Water Environment	Low water consumption fixtures	11.4
		Channelization of rainwater harvesting structure	15.00
3.	Soil Quality	Land reclamation of nearby area	14.00
4.	Waste Management	Segregation and provision of organic waste convertor	17.00
5.	Noise Environment	Plantation of trees around the project periphery	10.00
		Noise Barrier	5.00
6.	Ecological Environment	Landscaping and plantation around project	7.00
7.	Topography and Natural Drainage	Natural drains near the project to be maintained	9.00
Total			100.00

10. Natural and community resource augmentation plan:

S.N.	Item	Action Plan	Budget in Rs. (Lakhs)
1.	Community Welfare	Proper transport planning by providing roads	9.00
		Infrastructure at village area	6.00
2.	Use of natural resources	Rain water harvesting for ground water	5.00
		Sprinkling and watering of plantation on nearby road	5.00
Total			25.00

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

RESOLUTION AGAINST AGENDA NO. 19

The committee discussed the matter in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended grant of environmental clearance (subject to

submission of penalty imposed by SEIAA as per procedure laid down regarding SOP for identification and handling of violation cases and bank guarantee of Rs. 1,25,00,000 /- equivalent to the amount of remediation plan and natural and community resource augmentation plan to UPPCB) on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

1. The project proponent shall submit a bank guarantee of Rs. 1,25,00,000 /- equivalent to the amount of remediation plan and natural and community resource augmentation plan to the SPCB. The bank guarantee shall be released after successful implementation of the EMP and after the recommendations of the concerned Regional Office of the Ministry, the SEAC and approval of the regulatory authority.
2. The environmental clearance is only to be issued after taking credible action by the State Govt./SPCB against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
6. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
7. The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
8. The project proponent should develop green belt in the housing project as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
9. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
10. 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.
11. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water. The project proponent will submit revised water mass balance in the light of above to the directorate of Environment and the concerned regulatory authorities.
12. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.

13. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
14. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.
15. The project proponent should develop the green belt as per the plan submitted/ Lucknow Development Authority norms in the project.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. Statutory compliance:
 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purposes involved in the project.
 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
 4. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
 5. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet

- covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
 7. Wet jet shall be provided for grinding and stone cutting.
 8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
 9. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
 10. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
 11. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
 12. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
 8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
 11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
 12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge

- is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
 14. No ground water shall be used during construction phase of the project.
 15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
 16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
 18. No sewage or untreated effluent water would be discharged through storm water drains.
 19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
 20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
 21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 2. Outdoor and common area lighting shall be LED.
 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
 4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
 8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 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.

20. Sand/Morrum Mine from Riverbed of Yamuna River, Village- Patyora, Khand No.- 31/3, Tehsil- Hamirpur, District- Hamirpur, Shri Sharad Pratap Singh, M/s Sharad Enterprises, Area- 36.437 ha., 8157/SIA/UP/MIN/441455/2023

RESOLUTION AGAINST AGENDA NO. 20

The project proponent/consultant did not appear in the meeting. 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 information as earlier directed by SEAC on prescribed online portal.

21. परियोजना प्रस्ताव Integrated construction of M/s Shiv Nadar Institution of Eminence Deemed to be University ग्राम- चित्तेहरा, तहसील- दादरी, जनपद गौतमबुद्धनगर, उ०प्र० का संयुक्त समिति द्वारा किये गये स्थल निरीक्षण दिनांक 25.10.2023 की आख्या। File No. 7456/ Proposal No. SIA/UP/INFRA2/410776/2022

The Secretariat informed the committee that the matter was earlier discussed in 798th SEAC meeting dated 13/10/2023 and decided is as follows:

“The committee observed that during the TOR presentation the committee decided to inspect the project site before appraisal of EIA report and project proponent/consultant informed accordingly to the committee. A joint committee of Dr. Shiv Om Singh, Prof. Jaswant Singh and Shri Tanzar Ullah Khan, Members SEAC and RO, UPPCB, Greater Noida to inspect the site of project proposal and provide factual status of the project.

The committee discussed the matter and decided that the project proponent/consultant makes point wise TOR presentation before the committee and final decision may taken after receipt of factual report from joint committee.

The committee also directed the Secretariat to put the matter on priority after receipt of factual report.”

In view of above decision a site visit was undertaken by the members of joint committee Shri T.U. Khan, Prof. Jaswant Singh and Shri D.K. Gupta, Regional Officer, UP Pollution Control Board, Greater Noida on dated 25/10/2023 (Copy enclosed) and site visit report put in SEAC meeting dated 06/12/2023. The recommendation of the joint committee is as follows:

“...उक्त परियोजना राष्ट्रीय राजधानी क्षेत्रान्तर्गत स्थित है, क्षेत्र की संवेदनशीलता के दृष्टिगत परियोजना से प्राप्त अभिलेखों एवं स्थलीय जॉचोपरान्त समिति द्वारा प्रस्तावित परियोजना के पर्यावरण स्वीकृति हेतु आवेदन पर विशिष्ट शर्तों के साथ विचार किया जाना उचित होगा।”

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

Para-A:

1. The environmental clearance is sought for “Integrated Construction of Shiv Nadar Institution of Eminence Deemed to be University (Formerly known as Shiv Nadar University)” at Industrial Area, Village-Chithera Tehsil- Dadri, District- Gautam Buddha Nagar, U.P., M/s Shiv Nadar Institution of Eminence Deemed to be University.
2. Environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 919/SEAC/356/2009-10/AD(H), Dated: 31/05/2010 for the plot area 11,58,623.72 m² and built up area 4,99,965.99 m² respectively.
3. Consent to Established for the project was issued by Uttar Pradesh Pollution Control Board, Vide letter No.F71011/C-1/N/N.O.C./661/8/2010, dated 02/08/2010.
4. Till date 3,10,208.91 m² built up area has been constructed by the project proponent.
5. In exercise of the powers conferred under Section 3 of the UGC Act. 1956, the central Government on the recommendations of EEC & UGC, hereby declare Shiv Nadar University as an “Institution of Eminence Deemed to be University”, which shall be known as Shiv Nadar (Institution of Eminence Deemed to be University) with effect from the date of issuance of Notification vide F.No. 11-9/2019-U.3(A)Pt. Dated 03rd August, 2022.
6. Surroundings details of the project site as submitted by project proponent:

	Description	Distance and Direction
1	Nearest School & College 1. RV Northland International School. 2. Delhi World Public School 3. M D Inter College	Adjacent of Project Site Approx. 1.07 Km towards East. Approx. 0.75 Km towards West South west.
2	Nearest Airport Indira Gandhi International Airport Hindon Airport	Approx. 46.0 Km towards West Approx. 30.0 Km towards NNW
3	Nearest Village/City 1. Chithara 2. Dadri	Approx. 0.59 Km towards North West. Approx. 2.04 Km towards North West.
4	Nearest Hospital 1. Ashok Hospital Neuro And Trauma Center 2. Navin Hospital	Approx. 3.12 Km towards South East. Approx. 3.32 Km towards North West
5	Nearest Highway/Roads 1. NH-334C 2. NH-91	Approx. 0.17 Km towards North. Approx. 0.10 Km towards North.
6	Railway Station 1. Boraki - Train station 2. Dadri - Train station	Approx. 1.60 Km towards South South West. Approx. 2.34 Km towards West North West.
7	Places of Worship 1. Mohan Raam mandir 2. JDC Mandir Chithara	Approx. 0.50 Km towards West. Approx. 0.22 Km towards West.
8	Water Bodies 1. Hindon River 2. Yamuna River	Approx. 9.46 Km towards South West. Approx. 15.5 Km towards South West.
9	Forest/ Wildlife Sanctuary Surajpur Bird Sanctuary.	Approx. 7.9 Km towards West

7. Detailed area statement:

S. no	BUILDING NAME	Sanctioned Area as per 2010	Submitted for Completion	New building Submitted for Sanction			
		Area (sqm)	Area (sqm)	FAR (sqm)	Area	Services (sqm)	Area
1	Academic building A & B	28953.30	28281.65				
2	Academic building C & D	28953.30	29754.87				
3	R Block SNS Annex (Old Administration)	4886.74	4729.13				
4	Library	9204.68	6939.13				
5	Hostel 4/2 Bed 1A	6963.75	7664.70				
6	Hostel 4/2 Bed 1B	6963.75	7664.70				
7	Hostel Single Bed 1C - SBH1	5978.45	8724.21				
8	Hostel 4/2 Bed 2A - GH3	6963.75	7743.66				
9	Hostel 4/2 Bed 2B - GH4	6963.75	7743.66				
10	Hostel Single Bed 2C - SBH2	5978.45	8292.76				
11	Hostel 4/2 Bed 3A - BH5	6963.75	7743.66				
12	Hostel 4/2 Bed 3B - BH6	6963.75	7743.66				
13	Hostel Single Bed 3C - SBH3	5978.45	8292.76				

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14	Hostel single Bed 4A	6963.75		20140.78	1569.06
15	Hostel single Bed 4B	6963.75			
16	Hostel Single Bed 4C	5978.45			
17	Hostel Single Bed 5A	6963.75		20092.91	1600.90
18	Hostel Single Bed 5B	6963.75			
19	Hostel Single Bed 5C	5978.45			
20	Hostel 4/2 Bed 6A	6963.75			
21	Hostel 4/2 Bed 6B	6963.75			
22	Hostel Single Bed 6C	5978.45			
23	Hostel 4/2 Bed 7A	6963.75			
24	Hostel 4/2 Bed 7B	6963.75			
25	Hostel Single Bed 7C	5978.45			
26	Dining Block 1	1364.80	1695.40		
27	Dining Block 2	1364.80	1723.12		
28	Dining Block 3	1364.80			
29	Dining Block 4	1364.80		1565.53	50.18
30	Dining Block 5	1364.80			
31	Dining Block 6	1364.80			
32	Dining Block 7	1364.80			
33	Utility 1	1664.73	1680.20		
34	Utility 2	1664.73	1786.95		
35	Shopping centre	1275.00		482.34	
36	Auditorium	3290.24			
37	Faculty Villas	3195.94			
a	Villa 1			277.53	24.39
b	Villa 2			252.97	24.70
c	Villa 3			296.30	22.54
d	Villa 4			277.53	24.39
e	Villa 5			252.97	24.70
f	Villa 6			252.97	24.70
g	Villa 7			252.97	24.70
h	Villa 8			252.97	24.70
i	Villa 9			252.97	24.70
j	Villa 10			252.97	24.70
38	Chancellor VILLA			1034.40	9.29
39	Indoor Sports			7920.36	414.23
40	Buisness School			30603.71	2143.71
41	Chiller Plant - 2 - HVAC Utility (F) Block				2897.20
42	Gate - 1 complex				143.25
43	Gate - 2 complex				884.15
44	Substation (Utility 3)				1948.28
45	33Kva Substation				48.75
46	Utility -4				1132.57
47	Faculty Housing T-1			2677.17	220.80
48	Faculty Housing T-2			3709.58	299.55
49	Faculty Housing T-3			3652.90	266.18
50	Faculty Housing T-4			4738.48	274.40
51	Faculty Housing T-5			3254.17	213.98
52	Faculty Housing T-6			4403.85	242.25
53	Faculty Housing T-7			5904.01	269.53
54	Faculty Housing T-8			3586.09	276.86
55	Faculty Housing T-9			3760.50	277.09

56	Faculty Housing T-10			2635.37	232.15
57	Community Center (Club)			1680.62	64.57
58	Student activity and recreation center (SARC)			3905.67	294.06
59	Animal research facility			2738.62	664.88
	Total	231983.88	148204.21	131109.21	16682.09
60	Podium (All Towers) FREE OF FAR AREA				14213.40
	Total Constructed built-up area	3102908.91 m2			

8. Details of building to be constructed:

Building Name	Area Building	Per	No. of Building	Total
Buildings under Design Development				
Future Student Housing 6,7 & 8	22000		3	66000
Future Dining Halls 5 & 6	4300		2	8600
Future Utility -5	1157.08		1	1157.08
Future Swimming Pool building	5000		1	5000.00
Future Cricket Pavilion	1400		1	1400.00
Future Buildings				
Future Admin Building	20000		1	20000
Future BS extension (A3P3)	16000		1	16000
Future Academic Blocks -4	24000		1	24000
Future Auditorium	12600		1	12600
Future Academic Blocks-5	10000		1	10000
Future Amenities block	8000		1	8000
Future Executive Hostel	7000		1	7000
Future Parking garage	5000		1	5000
Future Student Center	5000		1	5000
			Total	189757.08

9. Landscape plan:

S. No.	Particulars	Details
1	Landscape/ Green Area Proposed No of Trees Required (1 Tree/100sqm) No of Trees Proposed	480382.26 sqm 4803.82 Nos 5000 Nos
2	No. of Trees Already Planted	13169 Nos
3	No. of Shrub Already Planted	167736 Nos

10. Water requirement of operational building is being met through Borewell water. Total water requirement for the proposed project (after completion of total project) has been estimated to be 2343 KLD including domestic water demand. This includes domestic water requirement, flushing and for soft water. Total fresh water requirement currently is 872.850 KLD including domestic water requirement. The water requirement for landscaping is being met through treated water from STP.

11. Waste water details:

- During the operational phase (after completion of project) total water requirement 1700 KLD
- During the operational phase (after completion of project) , 1525 KLD, waste water will be generated which will be treated in the STP within the premises.
- Proposed STP will be of MBR (Membrane Bio Reactor) technology & the total combined capacity of STP will be 2000 KLD.
- Total STP capacity for currently operational building are 884 KLD (500 KLD +234 KLD +150 KLD) and all the treated water is being used within the campus
- Soft Water: 180 KLD

- Filter and Softener Backwash: 25 KLD
- Irrigation Water (for horticulture purposes): 868 KLD
- 12. Parking Details – The total parking required is 4691 ECS and proposed surface parking is 4764 ECS.
- 13. Power requirement:
 - Total electrical load sectioned to the project is 6696 KVA for operational project. Load back up being considered for project through DG Sets.
 - For power backup, (1500 KVA X 3 + 1000 KVA X 1+ 500 KVA X 1) DG sets in Utility-1 and 2 Nos of 2000 KVA DG sets in Utility-3 of acoustically enclosed type have been installed.
 - Total Solar PV Panels of 430 kWp capacity have also been installed on the roof of Building.

14. Solid waste details:

Sl. No.	Characterization	Amount
1	Expected total solid waste generation	4000 kg/day
2	Biodegradable waste	50 % of total solid waste 2000 kg/ day
3	Recyclable non-biodegradable waste	35 % of total solid waste
4.	Other Waste	15% of Total Solid Waste

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

Para-B:

Specific Conditions:

1. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SuP).
3. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The project proponent shall comply the use of fuel for backup power as per guidelines by “Commission of Air Quality Management in NCR”, directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon’ble Court(s)/Competent authorities from time to time.
5. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
6. The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
7. The project proponent should develop green belt in the said project as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
8. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
9. 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.

10. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water.
11. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
12. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
13. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 05 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.
14. The project proponent shall plan for storm water management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time.
15. Project Proponent should adopt 02 villages & develop them as model village. Submit the regularly compliance of CSR and investment incurred in development of adopted village to IRO, Lucknow, MoEF&CC GoI and Directorate of Environment U.P.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. Statutory compliance:
 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:

1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
6. Wet jet shall be provided for grinding and stone cutting.
7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.

6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise monitoring and prevention:
 1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
 1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 2. Outdoor and common area lighting shall be LED.
 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
 4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
 5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
 6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.

5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
 8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 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.

22. Group Housing Project "The Vasundhara Grand" at Plot no. -15/Commercial-02, Vasundhara, District- Ghaziabad, Shri Sudhir Kumar Rai, M/s Nandini Build Home Consortium Pvt. Ltd., 8414/7207/SIA/UP/INFRA2/450632/2023

The committee was informed that an application dated 08/08/2022 (Proposal No. SIA/UP/MIS/81413/2022) was made by the project proponent M/s Nandini Build Home Consortium Pvt. Ltd. for environmental clearance of "Group Housing Project "The Vasundhara Grand" at Plot no. 15/Commercial-02, Vasundhara, District- Ghaziabad, Uttar Pradesh" under violation category as per procedure laid down in MoEF&CC, Govt. of India Office Memorandum dated 7th July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

The project proponent also informed that Environment Clearance for the existing project was issued by SEIAA, U.P. vide letter no. 410/Parya/SEAC/3381/2016, dated 23/03/2017 for the plot area 6465.18 m² and built up area 48,521.89 m² (development of 02 no. of residential towers; Block A having 25 floors and Block B having 24 floors which included 285 no. of dwelling units). Over the time, the group housing project has been mistakenly constructed beyond the details stipulated in the previously sanctioned EC. The Residential Blocks have been constructed till 28 floors each, including 320 no. of dwelling units (3 floors and 35 dwelling units extra constructed more than sanctioned in existing EC).

The committee was also informed that approximately 100% of construction work has already been completed by the project proponent without obtaining prior environmental clearance and total project cost incurred on the additionally (5293.92 sqm) area constructed i.e. Rs. 9,11,75,000/- (Rupees nine crore eleven lakhs seventy-five thousand only) as per project Cost Certificate issued by Chartered Accountants, Pawan Kumar Dhawan, dated 06/09/2022.

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

In view of the above, the committee recommended to impose a penalty of Rs. 4,55,875/- (Rupees four lakhs fifty five thousands eight hundred seventy five only) (0.5% of total project cost incurred up to 06/09/2022) on project proponent which has to be deposited with UPPCB before filing of EIA Report. In case it comes to notice of SEIAA/ SEAC that any complaint is received from any person/institution/departments/ organization prior to suo-moto declaration of the project proponent then penalty will be increased to 1% as per SoP/OM dated 7th July, 2021.

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

The project was included in the 684th SEAC Agenda dated 08.09.2022, wherein the committee through its minutes of meeting recommended the case to SEIAA for the grant of Terms of Reference (ToR) under Violation category. The case was taken up in the 655th SEIAA Agenda dated 03.10.2022, wherein the Authority communicated some queries. The reply to the queries of SEIAA wrt the minutes of meeting was submitted on 13.06.2023. The case was taken up in the 757th SEIAA Agenda dated 14.09.2023, wherein the Authority through it's minutes of meeting, agreed to grant the Terms of Reference (ToR) to the project under Violation Category.

The terms of reference for the project proposal was issued by SEIAA vide letter no. 243/Parya/SEIAA/7207/2023, dated 18/10/2023. EIA report submitted by the project proponent through online Parivesh Portal vide Proposal no. SIA/UP/INFRA2/450632/2023, SEIAA File No. 8414) on 30/10/2023 and the matter was listed for EIA appraisal in 814th SEAC meeting dated 06/12/2023.

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

1. The terms of reference is sought for Expansion of Group Housing Project "The Vasundhara Grand" at Plot no. 15/Commercial-02, Vasundhara, District- Ghaziabad, Uttar Pradesh, M/s Nandini Build Home Consortium Pvt. Ltd.
2. Environment Clearance for the existing project was issued by SEIAA, U.P. vide letter no. 410/Parya/SEAC/3381/2016, dated 23/03/2017 for the plot area 6465.18 m² and built up area 48,521.89 m², which included the construction of 02 residential towers; Block A having 25 floors (2B + Stilt + 25 floors) and Block B having 24 floors (2B + Stilt + 24 floors), which included 285 no. of dwelling units.

3. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 243/Parya/SEIAA/7207/2023, dated 18/10/2023.
4. The previous site plan was sanctioned by Uttar Pradesh Avs Vikas Parishad in 17.06.2015 for a built-up area of 48,521.89 sqm
5. At present, the construction of both the Blocks has been done till 28 floors (2B + Stilt + 28 floors), including 320 no. of dwelling units. Consequently, the Built-up area now achieved is 53,815.81sqm against the built-up area of 48,521.89 sqm sanctioned in the previous EC, while the plot area remains the same.
6. The new site plan has been approved by Uttar Pradesh Avs Vikas Parishad on 11/12/2021 for a built-up area of 53,815.81sqm
7. The Certified Compliance Report has been obtained from IRO, MoEF&CC, Lucknow dated 20.03.2023. The Action Taken Report in response to the observations communicated through the Certified Compliance Report was submitted on 12.07.2023
8. The penalty amount of ₹9,11,750(Nine lakhs eleven thousand seven hundred and fifty only)has been submitted to UPPCB, vide RTGS Dr-UBIN0570150-UTTAR PRADESH POLLUTION CONTROL-VAISHALI, GH-HDFCR52023120258861039 dated 02.12.2023
9. Comparative details of existing and expansion project:

DESCRIPTION	PREVIOUS EC	EXPANSION	TOTAL
Type of Project	Group Housing Project "The Vasundhara Grand"		
Project Proponent	M/s Nandini Build Home Consortium Pvt. Ltd.		
Location	Plot No. 15/Commercial. 02, Vasundhara, Ghaziabad, Uttar Pradesh		
Total Plot Area	6,465.18sqm	No change	6,465.18sqm
Total Built-up Area	48,521.89 sqm	+5,293.92 sqm	53,815.81sqm
Estimated Population	1,639 individuals	+251 individuals	1,890 individuals
Total Water Requirement	148 KLD	+23 KLD	171 KLD
Fresh Water Requirement	95 KLD	+17 KLD	112 KLD
Treated Water Requirement	38 KLD	+21 KLD	59 KLD
Wastewater Generation	114 KLD	+9 KLD	123 KLD
STP Capacity	130 KLD	+30 KLD	160 KLD
Solid Waste Generated	763 kg/day	+102 kg/day	865 kg/day
Electrical load	1,011.79 kVA	+175 kVA	1,186.79 kVA
DG Set(s)	02 DG sets of capacity: 2 x 600 kVA		
RWH Structure	02 RWH pits	No change	02 RWH pits
Parking Proposed	408 ECS	+28 ECS	436 ECS
Project Cost	₹143.43 Cr.	₹9.11 Cr.	₹152.54 Cr.

10. Area details of the project:

S. No.	Description	Area (sqm)			Percentage of Plot area
		Previous EC (A)	Expansion (B)	Total (A+B)	
1	Plot Area	6,465.18			100
2	Permissible Ground Coverage (@40% of total project area)	2,586.07			
3	Total Ground Coverage	2,198.81	-	2,198.81	34.01
4	Open area (Total Plot Area - Ground Coverage)	4,266.37			
5	Permissible Green Area (50% of Open Area)	2,133.19			
6	Proposed Green Area (50% of Open Area)	2,470.98	-	2,470.98	38.22
7	Proposed area under road and paved	1,795.30	-	1,795.30	27.77
8	Total FAR (i+ii+iii)	27,389.39	1,635.89	29,025.28	
i	FAR for Residential (Block A + Block B)	26,724.15	2,170.62	28,894.77	
ii	Convenient Shops Area	26.9	91.32	118.22	
iii	5% Extra Area count (FAR)	638.34	-626.05	12.29	
9	Total Non-FAR (i+ii+iii+iv+v+vi)	21,102.50	3,688.03	24,790.53	
i	Area under Basement	10,429.74	1,260.06	11,689.80	
ii	Area under Stilt	1,915.45	71.08	1,986.53	

iii	Area under Fire staircase	976.84	146.36	1,123.20	
iv	Area under Balcony	6,449.13	2,038.23	8,487.36	
v	Guard Room & ESS	58.51	-8.51	50.00	
vi	5% Non-FAR Area	1,272.83	180.81	1,453.64	
10	Total Built Up Area (8 + 9)	48,521.89	5,293.92	53,815.81	

11. Water calculation details:

S. No.	Particular	Occupancy	Area (sqm)	Water Demand per capita	Fresh Water (KLD)	Treated Water (KLD)	Total Water Demand (KLD)	Wastewater generation (KLD)
1	Residential population	1600		86	104.00	33.60	137.60	116.80
2	Visitors	205		15	1.03	2.05	3.08	2.87
3	Staff	85		45	2.12	1.70	3.82	3.40
4	Landscape Area		2,470.98	5.5 ltrs/sqm/day	0	13.59	13.59	0.00
5	Swimming Pool				5.00	0	5.00	0.00
6	DG Set Cooling				0	8.00	8.00	0.00
Total					112.15	58.94	171.09	123.07
Round-off					112	59	171	123

12. Waste water details:

TOTAL WATER REQUIREMENT	171KLD
Fresh Water	112 KLD
Treated Water (Flushing + Horticulture)	59 KLD
Waste water generated (@80% fresh + 100% flushing)	123 KLD
STP Capacity	160 KLD

13. Total Parking: 436ECS

14. Solid waste generation details:

S. No.	Type of Waste	Quantity of Waste (kg/day)
1	Total Waste	865
2	Bio-degradable Waste (@60 % of the domestic waste+ 100% of landscape and sludge waste)	524.06
3	Recyclable Waste (@30% of the domestic waste)	249.23
4	Inert Waste (@10 % of the domestic waste)	83.08

15. Budget for remediation plan and natural and community resource augmentation plan:

S. No.	Aspects	Amount (₹) - Lakhs
1	Estimated Cost of Remediation Plan based on the damage assessment due to violation	7.65/-
2	Natural Resource Augmentation Plan & Community Resource Augmentation Plan (for 2 years)	3.20/-
GRAND TOTAL		10.85/-

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

S. No.	Activities	Area proposed	Tangible outcome	Capital cost (₹)			Capital cost (₹)	Recurring cost (₹)	Total cost (₹)
				1st year	2nd year	3rd year			
1	Development and maintenance of statue of Late Shri Atal Bihari Vajpayee	Atal Chowk, Vasundhara, Ghaziabad, Uttar Pradesh	Redevelopment and beautification of Atal Chowk Area	20,00,000	20,00,000	20,00,000	60,00,000	10,00,000	70,00,000
2	Greenbelt development			30,00,000	30,00,000	30,00,000	90,00,000	15,00,000	1,05,00,000
3	Construction of public toilets			3,00,000	3,00,000	3,00,000	9,00,000	5,00,000	14,00,000
4	Installation of colour			2,00,000	2,00,000	2,00,000	6,00,000	5,00,000	11,00,000

	coded bins for efficient waste segregation								
5	Construction of Rainwater harvesting pits			10,00,000	10,00,000	10,00,000	30,00,000	8,00,000	38,00,000
Total				60,00,000	60,00,000	60,00,000	1,95,00,000	43,00,000	2,38,00,000

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

The consultant (EIA Coordinator) also submitted an affidavit dated 05/12/2023 mentioning is as follows:

1. I, Mr. Ashish Rana S/o N.K. Rana is EIA Coordinator of Building & Construction Projects; 8(a) (M/s Aplinka Solutions & Technologies Pvt. Ltd.)
2. I have prepared the EIA/EMP report for the Proposal (TOR/EC) in Name of Group Housing Project "The Vasundhara Grand" by M/s Nandini Build Home Consortium Pvt. Ltd. with my team.
3. I hereby confirm:
 - i. That, the project has previously obtained Environment Clearance vide Letter No. 410/Parya/SEAC/3381/2016 dated 23.03.2017 for the development of Group Housing Project consisting 02 residential towers over a plot area measuring 6,465.18 sqm having built-up area of 48,521.89 sqm, which comprised 02 no. of residential towers; Block A having 25 floors (2B + Stilt + 25 floors) and Block B having 24 floors (2B + Stilt + 24 floors), which included 285 no. of dwelling units
 - ii. That, at present, the construction of both the Blocks has been done till 28 floors (2B + Stilt + 28 floors), including 320 no. of dwelling units, while the plot area remains the same. Consequently, the Built-up area now achieved is 53,815.81 sqm against the built-up area of 48,521.89 sqm sanctioned in the previous EC.
 - iii. That, the application for obtaining ToR under Violation Category was submitted to the PARIVESH State Portal of Uttar Pradesh on 08.08.2022.
 - iv. That, the ToR letter was issued under Violation Category vide letter no. 243/Parya/SEIAA/7207/2023, dated 18.10.2023
 - v. That, the EIA Report was submitted online on 30.10.2023, bearing Proposal No. SIA/UP/INFRA2/450632/2023
4. I have personally visited the site of proposal and certify that the project has been completely constructed as per the details submitted in the present EIA proposal.
5. I am satisfied that all the necessary data/information submitted along with the EC Application/EIA Report is true and correct.
6. I certify that this project proposal has been uploaded for the first time on Parivesh Portal. In case the project will be uploaded for the 2nd time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
8. I state that all the TOR Points have been complied in EIA report.
9. The EIA/EMP Proposal for the Project is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 22

The committee discussed the matter in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended grant of environmental clearance (subject to submission of penalty imposed by SEIAA as per procedure laid down regarding SOP for identification and handling of violation cases and bank guarantee of ₹10,85,000/- equivalent to the amount of remediation plan and natural and community resource augmentation plan to UPPCB) on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

1. The project proponent shall be submit a bank guarantee of ₹10,85,000/- equivalent to the amount of remediation plan and natural and community resource augmentation plan to the SPCB. The bank guarantee shall be released after successful implementation of the EMP and after the recommendations of the concerned Regional Office of the Ministry, the SEAC and approval of the regulatory authority.
2. The environmental clearance is only to be issued after taking credible action by the State Govt./SPCB against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The project proponent shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR", directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.
5. 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.
6. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
7. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
8. The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
9. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
10. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
11. 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.
12. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring

device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water.

13. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
14. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
15. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. Statutory compliance:
 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purposes involved in the project.
 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
 4. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.

5. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7. Wet jet shall be provided for grinding and stone cutting.
8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
10. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
11. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
 8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
 11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water

- harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
 13. All recharge should be limited to shallow aquifer.
 14. No ground water shall be used during construction phase of the project.
 15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
 16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
 18. No sewage or untreated effluent water would be discharged through storm water drains.
 19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
 20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
 21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 2. Outdoor and common area lighting shall be LED.
 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
 8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 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.

(Prof. Jaswant Singh)
Member

(Dr. Amrit Lal Haldar)
Member

(Dr. Dineshwar Prasad Singh)
Member

(Tanzar Ullah Khan)
Member

(Dr. Shiv Om Singh)
Member

(Dr. Harikesh Bahadur Singh)
Chairman

(Ashish Tiwari)
Member-Secretary

Nodal, SEAC-2

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

Annexure-1

General and Specific Conditions for 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 Sand/Morum Mining Proposals

General Conditions:

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

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

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

Specific Conditions:

1. The Environmental clearance will be co-terminus with the mining lease period/mining plan whichever is earlier.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakkamotorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.

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

40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
42. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.
48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
50. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
51. Waste water from potable use be collected and reused for sprinkling.
52. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

Annexure-3

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

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

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

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

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

Annexure-4

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

General condition:

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

Specific Conditions:

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

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