Minutes of 663rd SEAC-2 Meeting Dated 16/06/2022

The 663rd meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 16/06/2022. Following members participated in the meeting:

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

The Chairman welcomed the members to the 663rd SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

1. **Soil Excavation at Gata No.–563, 543Mi, 541Mi, 545, 546Mi, 560, 562, 548Mi, Village- Retikhurd Buzurg Tehsil- Raebareli, District- Raebareli, Shri Suresh Kumar. Area: 1.7046 Ha. File No. 6728/Proposal No. SIA/UP/MIN/240776/2021**

The committee noted that the matter was earlier discussed in 627th SEAC meeting dated 18/02/2022 and directed the project proponent to submit following information:

1. The proposed land is mortgaged in the bank and NOC from concerned bank should be submitted.
2. Site photographs of proposed lease area along with geo coordinates, date and time.
3. The notarized agreement/consent of competent authority/ landowner for haulage road from lease site to link road.
4. Plan for opting latest technology for water spraying (sprinklers) for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement along with photographs of the technology to be adopted.
5. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted.

The project proponent submitted their replies through online portal on 14/05/2022 and the case was listed in 663rd SEAC meeting dated 16/06/2022. A presentation was made by the project proponent along with their consultant M/s Earthvision India Associate Consultants. The committee discussed the matter and found that the proponent/consultant has not submitted the proper reply and required documents asked by the committee. The reply of the proponent/consultant is not satisfactory. So, the committee directed the Project proponent/consultant to submit the reply on above points along with complete plan/documents as required.

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

2. **Hospital building at Plot No. HO-01, Sector-03, Greater Noida, Shri Suraj Singh, M/s Niranjan Vidya Foundation Delhi. File No. 6916/Proposal No. SIA/UP/MIS/234842/2021**

The committee noted that the matter was earlier discussed in 640th SEAC meeting dated 04/04/2022 and directed the project proponent to submit following information:

1. Consultant and project proponent should submit the personal affidavit regarding "No Construction Work" shall be undertaken on proposed site.
2. Project proponent/consultant should submit the revised process flow diagram of ETP with literature.
3. SEAC observed that Greater Noida has allotted land in 2007 vide letter no. Pro./Inst./2007/2077, dated 10/01/2007. Hence, project proponent should submit the chronology and date of events till date.

The project proponent submitted their replies through online portal on 24/05/2022 and the case was listed in 663rd SEAC meeting dated 16/06/2022. The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment & 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 Hospital Building at Plot No. HO-01, Sector-03, Greater Noida, U.P., M/s NiranjanVidya Foundation Delhi.
2. Area details of the project:

Particulars	Area in sqm.
Plot Area	10005.0
Permissible Ground Coverage	3001.50
Proposed Ground Coverage	2439.268
Permissible FAR	13006.50
Total Built-Up Area	23656.344
Total Open Area	7003.64
Green Area Provided	2168.848

3. Salient features of the project:

Description	Details
Total Area	10005.0sqm
Built-up area	23656.34 sqm
Green belt area	2168.848 sqm
Source of water supply	Ground water
Fresh Water requirement	102.0 KLD
Quantity of wastewater generation	85.0KLD except clinical activity and 9.8 KLD from OT and clinical activity
Disposal of waste water	Waste water will be treated in to the STP of 100KLD and ETP having capacity of 20 KLD.
Power requirement/Backup power	Power requirement: 2100 kVA Source of Power: Grid Supply.
D G Set Proposed	Backup DG sets: 1000 KVA Capacities of DG Set will be used as backup power
Solid waste generation	Biomedical waste – 55.4 kg/day Solid Waste – 40.0 Kg/day Management of Bio medical waste as per the Biomedical Waste Management & Handling Rules,2016 and Solid waste as per the solid waste management Rule, 2016

Plantation	71 trees proposed to be planted
Proposed Parking	200 ECS + 35 nos. of ambulance parking is proposed
Rain water harvesting pits	03 number

4. Water requirement details:

S. No.	Particulars	Popu.	Fresh water demand	Flushing water demand	Total water demand
Hospital					
1.	IPD (including Patient, attendant, Visitors and staff etc.)	200	@300 LPCD: 60 KLD	@150 LPCD:30 KLD	90 KLD
2	OPD	800	@10 LPCD: 8 KLD	@5 LPCD:4 KLD	12 KLD
2.	Total		68 KLD	34 KLD	102 KLD
Other					
3.	Plantation		2168.848 sq. m.	@ 1 L/sq. m.	2.16 KLD
4.	Power Generator Set Cooling		1000 KVA	0.9 l/KVA/Hr	9 KLD
	Total				11.16
GRAND TOTAL					113.16 KLD~ 113.0

5. Waste water generation from STP:

S. No	Description	Quantity (KLD)
1	Fresh water requirement	58.0
2	Flushing water requirement	34.0
3	Waste water generation @80% of fresh water +100% of flushing)	85.0
	STP Capacity proposed	100.0

6. Waste water generation from ETP:

S. No	Description	Quantity (KLD)
1	Water requirement for OT and Clinical activity (@10% of Total IPD and OPD water requirement)	10
2	Waste water going to ETP	9.8
3	ETP Capacity proposed	20

7. Waste generation details:

S.No.	Particulars	Population	Waste generated kg/day
1.	Hospital		
	Biomedical waste (@0.277 kg/bed/day)	200 beds	55.4
	Solid waste (@0.2 kg/bed/day)	200 beds	40.0
Horticulture Waste (@ 0.0037/sq/day)			8 Kg/Day
E-Waste (0.15 kg/C/Yr)			< 1 Kg/Day

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

The consultant (EIA Coordinator) also submitted an affidavit dated 20/05/2022 mentioning as follows:-

1. I, Akash Kumar S/o Late R.P. Verma, am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared report for the File No. 6916, Proposal No.- SIA/UP/MIS/234842/2021, of the client Shri Suraj Singh for the proposed Hospital Building at Plot No. HO-01, Sector-03, Greater Noida, U.P., M/s NiranjanVidya Foundation Delhi with my team.
3. I have personally visited the site of project proposal and certify that no construction 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 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.

RESOLUTION AGAINST AGENDA NO-02

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

Additional Conditions:

1. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
2. 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.
3. Oxygen generation plant of adequate capacity must be installed in the hospital premises.
4. Parking space for ambulances shall be exclusively earmarked.
5. Police post shall be provided near emergencies.
6. Dedicated power supply to be installed in operation theaters and other critical areas should be ensured.
7. Accommodation for attendants to be provided near indoor nursing wards.
8. Bio medical waste management shall be followed as per The Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste for more than 24 hours.
9. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
10. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
11. CER should include the purchase of an ambulance and it should be the part of EMP.
12. Energy conservation measures like installation of LEDs/CFLs for the lighting of the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use LEDs and CFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.
13. The proponent should provide the electric vehicle charging points and also allocate the safe and suitable place in the premises for the same.

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 andPM25) covering upwind and downwind directions during the construction period.
    4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height).Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
    5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
    6. Wet jet shall be provided for grinding and stone cutting.
    7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
    8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
    9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
    10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
    11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
    1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
    2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.

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

21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

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

7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 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. **Shriram North View Apartments under PMAY at Khasra No.-1174 (P), at Village-Noor Nagar, Paranga-Loni, Tehsil & Districl-Ghaziabad, Shri Arun Kumar Aggarwal, M/s Rockfort Developers Pvt. Ltd. File No. 6742/Proposal No. SIA/UP/MIS/243868/2021**

The committee noted that the matter was earlier discussed in 627th SEAC meeting dated 18/02/2022 and directed the project proponent to submit following information:

1. Project site photographs along with date, time and geo-coordinates.
2. Revised Plan for Municipal solid waste for collection and proper disposal.
3. Revised Plan for parking along with electric vehicle charging station in the premises.
4. Revised plan for rain water harvesting along with water balance flow diagram.
5. The permission from the Airport Authority (NOC) .
6. Proponent shall provide the dual pipeline network in the project for utilisation of treated water (STP) for different purposes and also provide the monitoring mechanism for the same.
7. The Project proponent is required to take permission in case of discharging/utilising treated water (STP) outside the premises. The permission shall be obtained from the Competent Authority.
8. Layout plan of project which indicates the location of STP, DG sets and Municipal solid waste site (Organic waste converter site).
9. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted.
10. Use of fuel details for DG sets as per the NCR guidelines to be submitted with capacity of DG sets and quantity and nature of fuel.
11. Details of STP with respect to the project.

The project proponent submitted their replies through online portal on 28/05/2022 and the case was listed in 663rd SEAC meeting dated 16/06/2022. A presentation was made by the project proponent representative along with their consultant M/s Enviro Infra Solutions Pvt. Ltd. The reply

submitted/presented by the project proponent/consultant is a general reply not for this specific project. The reply is not satisfactory with respect to the specific project and it needs to be revised as per the specific project requirements. Hence, the committee directed the project proponent to submit a revised reply along with proposal and plan for this specific project with respect to the above queries. The Director/competent person should be present at the time of EIA presentation.

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

4. Proposed of IT/ITES Park "MENTIS" at Plot No.- 02, Sector No.- 140, Noida, Shri Rajbir Singh Goyat., M/s GYGY Infradesign Pvt. Ltd. File No. 7088/Proposal No. SIA/UP/MIS/273294/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment & 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 of IT/ITES Park "MENTIS" at Plot No.- 02, Sector No.- 140, Noida, U.P., M/s GYGY Infradesign Pvt. Ltd.
2. Salient features of the project:

Project Location	Proposed IT/ITES Park "MENTIS" at Plot No. 02, Sector No. – 140, Noida, Uttar Pradesh
Land Use	The project falls under Institutional Land use as per Noida Master Plan 2021.
Built-up Area	The total plot area of project site is 20,000.00 sqm and the Built-up area of the project is 90,772.05 sqm.
Type of Development/ Utility	The project leads to institutional development of IT/ITES Park "MENTIS" to be developed with IT office space and other amenities.
Total Water Requirement and source	Total fresh water requirement is 394 KLD and it shall be sourced through municipal supply.
Waste Water Generation and its Treatment	258 KLD Waste water will be generated and shall be treated in the sewage treatment plant having capacity of 300 KLD. Treated water shall be re-used for horticulture activities, flushing etc.
Solid Waste	Total solid waste- 1187 KG/day Management of Solid waste as per the solid waste management Rule, 2016 and organic waste converter shall be installed for biodegradable waste management.
Rain Water Harvesting	02 Rain Water Harvesting Pits are proposed.
Power Requirement and backup in case of power failure	Total Power Demand is 8000 Kw Source of Power is Uttar Pradesh Power Corporation Limited. 4 Nos of D.G. Sets of capacity 1500 KVA each to be installed for power backup only.
Project Cost	Rs. 160 Crore
CER Cost	Rs. 2.4 Crore [1.5% of project cost]

3. Area details of the project:

Total Plot Area	20000.00 sqm
Permissible F.A.R. @ 2.10%	42000.00 sqm
Total Proposed F.A.R.	41993.96 sqm
No of Basements Area of Basement 01 Area of Basement 02	2 Nos 14253.85 sqm 12947.99 sqm
No of Floors	24 Floors + Lower & Upper Ground Floor + 2 Basements
No of Towers	2 Towers + One wing structure
Permissible Green area @ 50% of open area	7019.53 sqm
Proposed Green Area	7029.43 sqm 140 trees proposed to be planted

Proposed Service Area	5998.48 sqm
Lower Ground Floor Area (Podium Area)	938.433 sqm
Total Built-up Area	90772.05 sqm
Height of the building	101.75 meter

4. Water requirement details:

S.No	Description	Population / area		Fresh Water		Flushing Water	Total Water	Flow to sewer		
		Nos	LPCD	KLD	LPCD	KLD	KLD	Domestic 80%	Flushing 90%	KLD
A	Total population	5933	25.0	148.32	20	119	267.32	119	119	238
	Staff population	295	25.0	7.4	20	6	13.4	6	6	12
	Floating population	590	25.0	3	10	6	9	2.4	6	8.4
B	Landscape development	7029.43	2.0				14			
C	DG set cooling	6000 KVA DG Set	0.9I/kVA/hr for 6 hr				32.4			
D	HVAC	2000 TR	(9 l/Ton/hr for 16 hr)				288			
TOTAL				159		131	624.12	127.4	131	258.4

5. Solid waste generation details:

S.No	Particular	Population	Waste generated Kg/day
1	Commercial population (@0.2 kg/cap/day)	5933	1187
2	Staff (@ 0.25 kg/day)	295	74
3	Visitors (@ 0.15 kg/day)	590	89
4	Horticulture waste (@0.0036/sq/day)		25
5	E waste (0.15 kg/C/Yr)		<1

6. Parking details:

S. No	**Particulars**	**ECS**
1.	Permissible Car Parking @ 50 sq. per ECS	840.00
2.	Proposed Car Parking	1167.00

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

The consultant (EIA Coordinator) also submitted an affidavit dated 13/06/2022 mentioning as follows:-

1. I, Akash Kumar S/o Late R.P. Verma, am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared report for the File No.7088, Proposal No.- SIA/UP/MIS/273294/2021, of the client Shri Rajbir Singh Goyat, Director of GYGY Infradesign Pvt. Ltd. for the proposed IT/ITES Park, Plot No.- 02, Sector No.- 140, Noida, Uttar Pradesh with my team.
3. I have personally visited the site of project proposal and certify that no construction 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 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.

RESOLUTION AGAINST AGENDA NO-04

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

1. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
2. 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.
3. 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 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.
4. 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 andPM25) 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. 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.
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 emission standards.
11. For indoor air quality the ventilation provisions as per National Building Code of India.

5. 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.
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.

6. 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.

7. 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.
8. 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.

9. 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.
10. 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.

11. 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. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
    3. 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.
    4. Occupational health surveillance of the workers shall be done on a regular basis.
    5. A First Aid Room shall be provided in the project both during construction and operations of the project.
12. 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.
13. 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.
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.

5. Group Housing Project at Plot No.- 3 C, Sector- 12, Greater Noida, District- Gautam Budha Nagar., Shri Yogesh Goyal, M/s Blessings Homz Pvt. Ltd. File No. 6770/Proposal No. SIA/UP/MIS/ 273486/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s EQMS India Pvt. Ltd. The committee discussed the matter and directed the project proponent to submit following information:

1. Project site photographs along with date, time and geo-coordinates.
2. Revised Plan for Municipal solid waste to this project for along with quantity, collection and proper disposal and location of OWC to be located in Layout plan
3. Plan for parking along with electric vehicle charging station location in the premises.

4. Revised plan for rain water harvesting, recharging and location in layout plan
5. Water balance flow diagram along with reuse in different process with specific to the project
6. The permission from the Airport Authority (NOC) .
7. Proponent shall provide the dual pipeline network in the project for utilisation of treated water (STP) for different purposes and also provide the monitoring mechanism for the same.
8. The Project proponent is required to take permission in case of discharging/utilising treated water (STP) outside the premises. The permission shall be obtained from the Competent Authority.
9. Layout plan of project which indicates the location of STP, DG sets and Municipal solid waste site (Organic waste converter site).
10. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted.
11. Use of fuel details for DG sets as per the NCR guidelines to be submitted with capacity of DG sets and quantity and nature of fuel.
12. Details of proposed STP with respect to the project to be submitted and present at the time of EIA presentation.
13. As per the discussion held during the meeting dated 16/06/2022, the Corporate Social Responsibility (CSR) plan with EMP to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

The committee directed the project proponent/consultant to submit the reply along with proposal and plan for this specific project with respect to the above queries and it is also directed that the Director/competent person should be present at the time of EIA presentation.

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

6. Stone (Sand stone) Mining at Arazi No. - 428 Village- Dhuriya, Tehsil-Chunar, District- Mirzapur., Shri Manish Singh, M/S Baghel Infra Projects Pvt. Ltd., Area- 2.828 Ha. File No. 7092/Proposal No. SIA/UP/MIN/76270/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Earthvision India Associate Consultant. 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 are sought for Stone (Sand stone) Mining at Arazi No. - 428 Village- Dhuriya, Tehsil-Chunar, District- Mirzapur, U.P., (Leased Area- 2.828 Ha), M/s Baghel Infra Projects Pvt. Ltd.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/76270/2022
2.	File No. allotted by SEIAA, UP	7092
3.	Name of Proponent	M/s Baghel Infraprojects Pvt. Ltd. Director- Shri Manish Singh
4.	Registered Address	Address- 4271, Saraswatipuram, Khargapur, Baghel Market, Gomti Nagar, Lucknow, (U.P)
5.	Full correspondence address of proponent and mobile no.	Address- 4271, Saraswatipuram, Khargapur, Baghel Market, Gomti Nagar, Lucknow, (U.P)
		Mobile No.-
		E-mail ID-
6.	Name of Project	Building Stone (Sand Stone) Mine
7.	Project location Khasra No	Araji No.– 428

<table>
<tr><td>8.</td><td>Name of Village</td><td>Dhuriya</td></tr>
<tr><td>9.</td><td>Tehsil</td><td>Chunar</td></tr>
<tr><td>10.</td><td>District</td><td>Mirzapur</td></tr>
<tr><td>11.</td><td>State</td><td>Uttar Pradesh</td></tr>
<tr><td>12.</td><td>Name of Minor Mineral</td><td>Building Stone (Sand Stone)</td></tr>
<tr><td>13.</td><td>Total Area (in Ha.)</td><td>2.828 Hectares</td></tr>
<tr><td>14.</td><td>Pillar Coordinates (Verified by DMO)</td><td>
<table>
<tr><th>Pillar No.</th><th>N</th><th>E</th></tr>
<tr><td>A</td><td>25°02'47.60"N</td><td>83°02'43.80"E</td></tr>
<tr><td>B</td><td>25°02'48.00"N</td><td>83°02'47.10"E</td></tr>
<tr><td>C</td><td>25°02'41.30"N</td><td>83°02'51.10"E</td></tr>
<tr><td>D</td><td>25°02'40.80"N</td><td>83°02'47.00"E</td></tr>
<tr><td>E</td><td>25°02'41.10"N</td><td>83°02'46.90"E</td></tr>
<tr><td>F</td><td>25°02'41.20"N</td><td>83°02'44.80"E</td></tr>
</table>
</td></tr>
<tr><td>15.</td><td></td><td></td></tr>
<tr><td>16.</td><td>Mine Plan approval details</td><td>Letter No.- 2022/4/11/116861
Dated- 20/04/2022</td></tr>
<tr><td>17.</td><td>Validity of Mine Plan</td><td>5 Years</td></tr>
<tr><td>18.</td><td>Total Proposed Production/Year</td><td>84840 Cum/Year (1st Year to 5th Year).</td></tr>
<tr><td>19.</td><td>Total geological reserves</td><td>1603951 M^3</td></tr>
<tr><td>20.</td><td>Method of Mining</td><td>Opencast, Semi mechanized Method</td></tr>
<tr><td>21.</td><td>No. of workers</td><td>47 Workers</td></tr>
<tr><td>22.</td><td>Type of Land</td><td>Govt. Waste land</td></tr>
<tr><td>23.</td><td>Ultimate Depth of Mining</td><td>24.0 m</td></tr>
<tr><td>24.</td><td>Water Requirement</td><td>
<table>
<tr><th></th><th>Purpose</th><th>Detail</th><th>Avg. Demand/Day</th></tr>
<tr><td rowspan="4">Portable Tanker</td><td>Drinking@15 lpcd/worker</td><td>47 workers x 15 lpcd
= 705 lpcd</td><td>0.705 KLD</td></tr>
<tr><td>Mine operation/others</td><td>-</td><td>2.0 KLD</td></tr>
<tr><td>Land reclamation / plantation @5 Lit/Tree</td><td>100Trees x 5 lpcd
= 500 lpcd</td><td>0.50KLD</td></tr>
<tr><td>Dust suppression @1Lit/Sq.m (Twice in a day)</td><td>Haul Road Area = (170 m Length x 6m Width = 1020 m2) x2lpcd/Sq.m
= 2040 lpcd</td><td>2.04 KLD</td></tr>
<tr><td colspan="3">Total</td><td>5.245 KLD</td></tr>
</table>
</td></tr>
<tr><td>25.</td><td>Name of QCI Accredited Consultant with QCI No and period of validity</td><td>M/s Earthvision India Associate Consultant, NABET/EIA/2124/IA 0077 Valid till 24-02-2024</td></tr>
<tr><td>26.</td><td>Any litigation pending against the project or land in any court</td><td>No</td></tr>
<tr><td>27.</td><td>Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration</td><td>None</td></tr>
<tr><td>28.</td><td>Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)</td><td>There are numbers of areas occupied by sensitive man made land uses within 15 km of radius Only schools, small hospital and temples are present.</td></tr>
</table>

29.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No. 8074/Khanij/2022 Dated 17-05-2022
30.	Proposed CER cost	Rs. 4.25275 Lakhs
31.	Proposed EMP cost	Rs.- 7.525 Lakhs
32	No. of Trees to be Planted.	500
33.	Detail of CTE/CTO issued by UPPCB	NA

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in an eco-fragile zone such as the 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 16/06/2022 mentioning is as follows:

1. I Brij Mohan Singh Negi S/o Shri K.S. Negi is EIA Coordinator of M/s Earthvision India Associate Consultant.
2. I have prepared TOR application report for the (Proposal No. SIA/UP/MIN/76270/2022 of M/s Baghel Infra projects Pvt. Ltd. with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for TOR application preparation are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 06

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for 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.
2. EIA coordinator & FAE should give a photo 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.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. 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.

5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. 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.
7. 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.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. 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.
10. 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.
11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

7. **Proposed Production of 2,28,000 MTA Milled Steel Products as MS Strip, MS Beam, MS Angle, MS Channel & Pipe through rolling mill at Plot No. - 139mi, 142, 145 & 146, Village–Dumduma, Tehsil Chunar, Mirzapur, U.P., Shri Bhupendra Agrawal, M/s Maa Mahamaya Ispat & Alloys Pvt. Ltd. File No. 7113/Proposal No. SIA/UP/IND/77192/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s 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 Production of 2,28,000 MTA Milled Steel Products as MS Strip, MS Beam, MS Angle, MS Channel & Pipe through rolling mill at Plot No. - 139mi, 142, 145 & 146, Village–Dumduma, Tehsil Chunar, Mirzapur, U.P., M/s Maa Mahamaya Ispat & Alloys Pvt. Ltd.
2. The land use of the proposed factory site has been converted from agricultural to non-agricultural land.
3. The unit has obtained Consent to Establish vide reference no. 138863/UPPCB/Sonebhadra (UPPCBRO/CTE/MIRZAPUR/2021, Dated 21/10/2021 from Uttar Pradesh Pollution Control Board (UPPCB) for the proposed products capacity 2,28,000 MTA Milled Steel Product as MS Strip, MS Beam, MS Angle, MS Channel & Pipe.
4. Salient features of the project as submitted by the project proponent:

S. N.	Description	Details
1	Nature & Size of the Project	Proposed Rolling Mill/ Reheating Furnace.
2	Category of the Project	Cat. B, Item 3(a) Metallurgical industries (ferrous & non ferrous) as per EIA Notification 2006.
	Capacity of the project	2,28,000 MTA Milled Steel Product as MS Strip, MS Beam, MS Angle, MS Channel & Pipe.
3	Location Details	
	Village/Location/Plot No	Plot No. - 139mi, 142, 145 & 146, Village –Dumduma
	Tehsil	Chunar
	District	Mirzapur
	State	Uttar Pradesh
	Pin	231304

	Geo Coordinates	Pillar / Latitude / Longitude A 25° 5'45.15"N 82°53'5.94"E B 25° 5'43.71"N 82°53'12.39"E C 25° 5'43.16"N 82°53'12.36"E D 25° 5'42.61"N 82°53'14.71"E E 25° 5'41.17"N 82°53'14.71"E F 25° 5'40.75"N 82°53'16.76"E G 25° 5'40.20"N 82°53'16.67"E H 25° 5'40.38"N 82°53'15.99"E I 25° 5'40.20"N 82°53'15.95"E J 25° 5'40.28"N 82°53'15.66"E K 25° 5'39.78"N 82°53'15.50"E L 25° 5'39.41"N 82°53'16.39"E M 25° 5'38.23"N 82°53'16.03"E N 25° 5'38.38"N 82°53'15.43"E O 25° 5'38.60"N 82°53'15.45"E P 25° 5'39.65"N 82°53'10.98"E Q 25° 5'40.14"N 82°53'11.12"E R 25° 5'42.08"N 82°53'4.76"E
4	Plot Area	Area: 36781 Sqm (3.6781 ha)
	Greenbelt / Plantation Area (Ha.) (33%)	12,1865 Sqm (1.2865ha)
5	Basic Requirements of the Project	
i	Water demand/ Requirement	Total 9.5 KLD water will be required. Fresh water demand: -- 9.5 KLD (domestic- 3.5 KLD ; Cooling use : 5KLD ; Other (Plantation – 1.0 KLD) Water Source: Bore well
ii	Fuel Requirement	Coal – 10 TPD (In furnace for heating)
iii	Power Requirement and source	Electrical load – 3100 kVA Source of power Supply – Uttar Pradesh Power Corporation Limited
iv	DG Power Capacity	700 kVA
	Total Working Days	325days
6	Project Cost	38.0 Crore
7	Proposed capacity	Items / Quantity Raw materials- MS Ingots (Billet) – 228000 MT/annum Name of product – Mild steel products – 228000 MT/annum Coal Fired Furance – 02 nos – 10TPD Coal requirement

5. Solid waste details:

Particulars	Details	Basis	Waste generated (Kg/day)
Municipal Solid Waste	80 Workers		15
slag	3% of total production	0.03*720	21

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

The consultant (EIA Coordinator) also submitted an affidavit dated 13/06/2022 mentioning as follows:-

1. I, Akash Kumar S/o Late R.P. Verma, am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared report for the File No.7113, Proposal No.- SIA/UP/IND/77192/2022, of the client Shri Bhupendra Agrawal, Director for the Production of 2,28,000 MTA Milled Steel Products as MS Strip, MS Beam, MS Angle, MS Channel & Pipe through rolling mill at Plot

No. - 139mi, 142, 145 & 146, Village–Dumduma, Tehsil Chunar, Mirzapur, U.P., M/s Maa Mahamaya Ispat & Alloys Pvt. Ltd. with my team.

3. I have personally visited the site of project proposal and certify that no construction 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 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.

RESOLUTION AGAINST AGENDA NO. 07

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

Additional TOR:

1. Complete plan/proposal for slag utilization to be prepared and submitted.
2. Proposal for Air pollution control system along with primary and secondary system to control fugitive emissions to be submitted.
3. Proposed plantation along with map to be submitted.
4. Compliance report of CPCB/SPCB direction/guidelines for this category of plants to be submitted.
5. Compliance report of CTE/CTO issued by UPPCB.

Standard terms of reference:

1) Executive Summary.
2) Introduction
i. Details of the EIA Consultant including NABET accreditation
ii. Information about the project proponent
iii. Importance and benefits of the project
3) Project Description:

i. Cost of project and time of completion.
ii. Products with capacities for the proposed project.
iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any
iv. List of raw materials required and their source along with mode of transportation.
v. Other chemicals and materials required with quantities and storage capacities
vi. Details of Emission, effluents, hazardous waste generation and their management.
vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
viii. Process description along with major equipments and machineries, process flow sheet (quantitative) from raw material to products to be provided
ix. Hazard identification and details of proposed safety systems.
x. Expansion/modernization proposals:
xi. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition,

status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.

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

4) Site Details

i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.

ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)

iii. Details w.r.t. option analysis for selection of site

iv. Co-ordinates (lat-long) of all four corners of the site.

v. Google map-Earth downloaded of the project site.

vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.

vii. Photographs of the proposed plant site. If existing, show photographs of plantation/greenbelt, in particular.

viii. Landuse break-up of total land of the project site (identified and acquired), government/ private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)

ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area.

x. Geological features and Geo-hydrological status of the study area shall be included.

xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)

xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.

xiii. R&R details in respect of land in line with state Government policy.

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

i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)

ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha)

iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.

iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon

v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area

vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife

6) Environmental Status

I. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.

II. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.

III. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAAQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.

IV. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.

V. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.

VI. Ground water monitoring at minimum at 8 locations shall be included.

VII. Noise levels monitoring at 8 locations within the study area.

VIII. Soil Characteristic as per CPCB guidelines.

IX. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.

X. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.

XI. Socio-economic status of the study area.

7) Impact and Environment Management Plan

I. Assessment of ground level concentration of pollutants from the stack emission based on site specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.

II. Water Quality modelling - in case of discharge in water body

III. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor cum-rail transport shall be examined.

IV. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.

V. Details of stack emission and action plan for control of emissions to meet standards.

VI. Measures for fugitive emission control

VII. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.

VIII. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.

IX. Action plan for the green belt development plan in 33 % area i.e. land with not less than1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.

X. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.

XI. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.

XII. Action plan for post-project environmental monitoring shall be submitted.

XIII. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

8) Occupational Health:

I. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers

II. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x-rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.

III. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,

IV. Annual report of health status of workers with special reference to Occupational Health and Safety.

9) Corporate Environment Policy

I. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.

II. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms /conditions? If so, it may be detailed in the EIA.

III. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.

IV. Does the company have system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report.

10) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.

11) Enterprise Social Commitment (ESC)

I. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.

12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts?If so, details thereof and compliance/ATR to the notice(s) and present status of the case.

13) A tabular chart with index for point wise compliance of above TOR.

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

8. Sand Stone Mining at Arazi No.-484, Village– Devri Kalan, Tehsil-Madihan, District–Mirzapur, Shri Dhirendra Kumar Singh, Area 1.01 ha. File No. 7098/Proposal No. SIA/UP/MIN/77220/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s 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 are sought for Building Stone (Sandstone) Mining at Araji/Gata no.- 484, Village-Devri Kalan, Tehsil-Madihan, District-Mirzapur, U.P., (Leased Area-1.01 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/77220/2022
2.	File No. allotted by SEIAA, UP	7098
3.	Name of Proponent	Dhirendra Kumar Singh
4.	Full correspondence address of proponent and mobile no.	Shri Dhirendra Kumar Singh S/o Late Harivansh Singh R/o- Vishalpuri Colony, Ramaipatti, Mirzapur, Uttar Pradesh & Smt. Divyalata Dubey W/o Late Upendradhar Dubey R/o- Village- Kalna, Gaipura, Mirzapur, Uttar Pradesh. **Mobile no.-** **E-mail Id-** dhirendrakumarsingh5418@gmail.com
5.	Name of Project	Building Stone (Sandstone) Mining Village –Devri Kalan, Tehsil- Madihan, District–Mirzapur, Uttar Pradesh
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. – 484, Village –Devri Kalan, Tehsil-Madihan, District–Mirzapur, Uttar Pradesh
7.	Name of River	NA
8.	Name of Village	Devri Kalan
9.	Tehsil	Madihan
10.	District	Mirzapur
11.	Name of Minor Mineral	Building Stone (Sandstone) Mining
12.	Sanctioned Lease Area (in Ha.)	1.01 ha.
13.	Max. & Min mRL within lease area	Highest mRL is 214.8 & Lowest is 210.4mRL
14.	Pillar Coordinates (Verified by DMO)	**Pillars** / **N** / **E** A / 24° 57'07.00"N / 82°40'43.30"E B / 24° 57'01.10"N / 82°40'44.40"E C / 24° 57'00.90"N / 82°40'40.60"E
15.	Total Geological Reserves	570282 m^3
16.	Total Mineable Reserve (as per Approved Mine Plan)	201492 m^3
17.	Total Proposed Production (In 5 Years)	200,000 m^3 (In 5 Years)
18.	Proposed Production/year	40,000 m^3/year
19.	Sanctioned Period of Mine lease	10 years
20.	Method of Mining	Opencast, Semi-Mechanized
21.	No. of working days	275
22.	Working hours/day	8
23.	No. of worker	52
24.	No. of vehicles movement/day	23
25.	Type of Land	Revenue land
26.	Ultimate of Depth of Mining	Upto 184mRL
27.	Nearest metalled road from site	700m
28.	Water Requirement	**PURPOSE** / **REQUIREMENT (KLD)** Drinking / 0.52 KLD Suppression of dust / 2.8 KLD Plantation / 1.0 KLD Others (if any) / - **Total** / **4.32 KLD**
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	PARAMARSH (Servicing Environment and Development) Lucknow UP **Certificate no. NABET/EIA/2124/RA 0224**

		Valid Till May 01,2024
30.	Any litigation pending against the project or land in any court	No
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 3264/khanij/2022
32.	Details of Lease Area in approved DSR	1.01 ha.
33.	Proposed CER cost	Rs. 2.42 Lakhs
34.	Proposed EMP cost	Total project cost- Rs. 1.21 Crore
35.	Length and breadth of Haul Road	700m & 6m
36.	No. of Trees to be Planted	1000

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in an eco-fragile zone such as the 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 11/06/2022 mentioning is as follows:

1. I Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of M/s PARAMARSH (Servicing Environment and Development, Lucknow).
2. I have prepared TOR application report for the (Proposal No. SIA/UP/MIN/77220/2022, Building Stone (sand stone) mine by Shri Dhirendra Kumar Singh with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for TOR application preparation are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

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-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for 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.
2. EIA coordinator & FAE should give a photo 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.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. 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.

5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. 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.
7. 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.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. 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.
10. 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.
11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

9. Sand Stone Mining at Arazi No.-484, Village– Devri Kalan, Tehsil-Madihan, District–Mirzapur, Uttar Pradesh By Shri Vikas Kumar Maheshwari, M/s Avinash Enterprises, Area –1.01 ha. File No. 7099/Proposal No. SIA/UP/MIN/77090/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s 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 are sought for Building Stone (Sandstone) Mining at Araji/Gata no.- 484, Village-Devri Kalan, Tehsil-Madihan, District-Mirzapur, U.P., (Leased Area- 1.01 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/77090/2022
2.	File No. allotted by SEIAA, UP	7099
3.	Name of Proponent	M/s Avinash Enterprises Shri Vikas Kumar Maheshwari S/o Shri Harikrishna Maheshwari
4.	Full correspondence address of proponent and mobile no.	R/o- Sahasepur, Tehsil- Aurai, District- Bhadohi (Sant Kabir Nagar), Uttar Pradesh
		Mobile no.-
		E-mail Id- dhirendrasingh5418@gmail.com
5.	Name of Project	Building Stone (Sandstone) Mining Village –Devri Kalan, Tehsil- Madihan, District–Mirzapur, Uttar Pradesh
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. – 484, Village –Devri Kalan, Tehsil-Madihan, District–Mirzapur, Uttar Pradesh
7.	Name of River	NA
8.	Name of Village	Devri Kalan
9.	Tehsil	Madihan
10.	District	Mirzapur
11.	Name of Minor Mineral	Building Stone (Sandstone) Mining
12.	Sanctioned Lease Area (in Ha.)	1.01 ha.
13.	Max. & Min mRL within lease area	Highest mRL is 214.8 & Lowest is 210.4mRL
14.	Pillar Coordinates (Verified by	

	DMO)	Pillars / N / E A / 24° 57'06.90"N / 82°40'39.80"E B / 24° 57'07.00"N / 82°40'43.30"E C / 24° 57'00.90"N / 82°40'40.60"E
15.	Total Geological Reserves	570282 m^3
16.	Total Mineable Reserve (as per Approved Mine Plan)	201492 m^3
17.	Total Proposed Production (In 5 Years)	200,000 m^3 (In 5 Years)
18.	Proposed Production/year	40,000 m^3/year
19.	Sanctioned Period of Mine lease	10 years
20.	Method of Mining	Opencast, Semi-Mechanized
21.	No. of working days	275
22.	Working hours/day	8
23.	No. of worker	52
24.	No. of vehicles movement/day	23
25.	Type of Land	Revenue land
26.	Ultimate of Depth of Mining	Upto 184mRL
27.	Nearest metalled road from site	630m
28.	Water Requirement	PURPOSE / REQUIREMENT (KLD) Drinking / 0.52 KLD Suppression of dust / 2.52 KLD Plantation / 1.0 KLD Others (if any) / - Total / 4.04 KLD
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	PARAMARSH (Servicing Environment and Development) Lucknow UP Certificate no. NABET/EIA/2124/RA 0224 Valid Till May 01,2024
30.	Any litigation pending against the project or land in any court	No
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no.(s) 3263/khanij/2022
32.	Details of Lease Area in approved DSR	1.01 ha.
33.	Proposed CER cost	Rs. 2.42 Lakhs
34.	Proposed EMP cost	Total project cost- Rs. 1.21 Crore
35.	Length and breadth of Haul Road	630m & 6m
36.	No. of Trees to be Planted	1000

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in an eco-fragile zone such as the 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 11/06/2022 mentioning is as follows:

1. I Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of M/s PARAMARSH (Servicing Environment and Development, Lucknow).
2. I have prepared TOR application report for the (Proposal No. SIA/UP/MIN/77090/2022, Building Stone (sand stone) mine by M/s Avinash Enterprises with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for TOR application preparation are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

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-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for 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.
2. EIA coordinator & FAE should give a photo 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.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. 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.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. 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.
7. 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.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. 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.
10. 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.
11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

10. **Silica Sand Mining at Gata No. part of 136 at Village-Dhara Tehsil-Bara, District-Prayagraj, Shri Adhya Prasad Mishra, M/s Vindh Construction Company, Area – 17.00 ha. File No. 7105/Proposal No. SIA/UP/MIN/77310/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s 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 are sought for "Silica Sand Mine" at Gata No –Part of 136, Village-Dhara Tehsil-Bara, District-Prayagraj, Uttar Pradesh, (Leased Area –17.00 ha.), M/s Vindh Construction Company.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/77310/2022
2.	File No. allotted by SEIAA, UP	7105
3.	Name of Proponent	**M/s Vindh Construction Company** Adhya Prasad Mishra (Prop)
4.	Full correspondence address of proponent and mobile no.	S/o Late Kamal Shankar Mishra R/o: Village-Dighiya, Babhni Manda Tehsil- Meja, District- Prayagraj-U.P.-212303
		E mail ID - vindhstone78@gmail.com
5.	Name of Project	"Silica Sand Mine" at Gata No –Part of 136 Area –17.00 ha at Village-Dhara Tehsil-Bara, District-Prayagraj, Uttar Pradesh of M/s Vindh Construction Company
6.	Project Location (Plot. Khasra/Gata No.)	Gata No –Part of 136
7.	Name of River	Silica Sand Mine Project (Nearest River Yamuna – 7.0Km (N))
8.	Name of Village	Dhara
9.	Tehsil	Bara
10.	District	Prayagraj
11.	Name of Minor Mineral	Silica Sand Mine Project
12.	Sanctioned Lease Area (in Ha.)	Area- 17.00 ha
13.	Max. & Min mRL within lease area	Highest mRL 119.10 mRL & Lowest mRL 100.20 mRL
14.	Pillar Coordinates (Verified by DMO)	Point / Latitude / Longitude A / 25°16'57.43"N / 81°39'43.93"E B / 25°16'57.35"N / 81°39'51.64"E C / 25°16'52.23"N / 81°39'56.34"E D / 25°16'46.26"N / 81°39'58.61"E E / 25°16'39.25"N / 81°39'53.96"E F / 25°16'34.14"N / 81°39'45.88"E G / 25°16'35.89"N / 81°39'44.16"E H / 25°16'38.54"N / 81°39'47.72"E I / 25°16'45.29"N / 81°39'51.11"E J / 25°16'49.87"N / 81°39'42.42"E
15.	Total Geological Reserves	Silica sand – 31, 87,266 m^3 (60%) Stone – 21, 24,845 m^3 (40 %)
16.	Total Mineable Reserve	Silica sand – 25, 11,157 m^3 (60%) Stone – 16, 74,107 m^3 (40 %)
17.	Total Proposed Production	Silica sand – 2,53,275 m^3 (5 years) Stone – 1,68,850 m^3 (5 years)
18.	Proposed Production /year (as per LoI)	Silica sand- 55,655 m^3 /annum (60 %) Stone -33,770 m^3 /annum (40 %)
19.	Sanctioned Period of Mine lease	5 years

20.	Method of Mining	Opencast, /Semi-mechanized method
21.	No. of working days	300
22.	Working hours/day	8
23.	No. of worker	81
24.	No. of vehicles movement/day	28
25.	Type of Land	Govt./Non Forest Land
26.	Depth of Mining	12.0 m
27.	Nearest metalled road from site	0.10 km
28.	Water Requirement	PURPOSE
		Drinking - 81 KLD
		Suppression of dust - 1.20 KLD
		Plantation - 17.0 KLD
		Others (if any) - 0.00 KLD
		Total - 18.0 KLD
29.	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
30.	Any litigation pending against the project or land in any court	No
31.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No –4892/Khanij/2021-22, dated - 04/02/2022
32.	Details of Lease Area in approved DSR	Serial no.03
33.	Project Cost	1.70 Crore
34.	Proposed CER cost	3.40 lacs
35.	Length and breadth of Haul Road	Length – 0.10 km, Breadth – 6.00 m
36.	No. of Trees to be Planted	17,000

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 an eco-fragile zone such as the 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 13/06/2022 mentioning is as follows:

1. I Pankaj Srivastava S/o Shri V.V. Srivastava is EIA Coordinator of M/s PARAMARSH (Servicing Environment and Development, Lucknow).
2. I have prepared Form-1, Pre-feasibility report for the proposed "Silica Sand Mine" at Gata No – Part of 136, Village-Dhara Tehsil-Bara, District-Prayagraj, Uttar Pradesh, (Leased Area –17.00 ha.), M/s Vindh Construction Company, Adhya Prasad Mishra (Proponent), Proposal No. SIA/UP/MIN/77310/2022 with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for Form-1, Pre-feasibility report for preparation are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

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-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for 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.
2. EIA coordinator & FAE should give a photo 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.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. 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.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. 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.
7. 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.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. 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.
10. 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.
11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

11. **Common Bio-medical Waste Treatment Facility at Plot No.-E-25 & E-26, UPSIDC Industrial Area, Babrala, District- Sambhal, U.P., M/s Punah Chakran Pvt. Ltd. File No. 6497/Proposal No. SIA/UP/MIS/ 66542/2021**

The committee noted that the matter was earlier listed in 641st SEAC meeting dated 05/04/2022 and recommended to grant the environmental clearance for the project along with general and specific conditions. After the recommendation of SEAC the matter was discussed in 590th SEIAA meeting dated 22/04/2022 and directed as follows:

"SEIAA noted that SEAC-2 has recommended to grant EC to the above project. SEIAA opined to refer back the project to SEAC-2 in light of MoEFCC, GoI OM F. No. 20/2/2020-HSMD dated 01.04.2022 regarding non-compliance of Biomedical Waste Management Rules, 2016 and revised CPCB Guidelines in the State of Uttar Pradesh by SEIAA and SEAC with respect in grant of Environmental Clearance for CBWTF to analyse and deliberate upon the proposal and make their recommendations accordingly. DoE to provide above mentioned OM to SEAC-1 and SEAC-2."

As per the direction of SEIAA, the matter was listed in 653rd SEAC meeting dated 12/05/2022. The committee went through the MoEFCC, GoI OM F. No. 20/2/2020-HSMD dated 01/04/2022 and opined that the letter should be sent to Member Secretary UP Pollution Control Board to provide the gap analysis in the light of above Office order dated 01/04/2022 and also go through the complaint letter dated 07/05/2022 of Adv. Himanshu Saxena, Office no 10, Sector 15, Naya Moradabad. Factual report is to be submitted in view of the above complaint.

The Secretariat sent a letter no. 245/Parya/6497/2022, dated 28/05/2022 to Member Secretary, UP Pollution Control Board, Lucknow to provide factual report in compliance of MoEF&CC OM dated 01/04/2022 and complaint letter dated 07/05/2022 of Adv. Himanshu Saxena. Member Secretary, UP Pollution Control Board provides factual/gap analysis report vide letter dated 03/06/2022 mentioning is as follows:

''.....प्रस्तावित इकाई मे0 पुनः चक्रण प्रा0 लि0 द्वारा 75 किमी0 परिधि के अन्दर जैव चिकित्सा अपशिष्ट का निस्तारण किया जाना प्रस्तावित है जिसमें जनपद मुरादाबाद, सम्भल, बदांयू, अलीगढ़, हाथरस, एटा, कासगंज एवं बुलन्दशहर आच्छादित है।

इकाई द्वारा बोर्ड में प्रेषित सूचना एवं बोर्ड में उपलब्ध अभिलेखों के आधार पर उक्त आच्छादित जनपदों में बायो मेडिकल वेस्ट का विवरण निम्नवत् है:

क0सं0	**जनपद**	**बेडेड एचसीएफ**	**नॉन–बेडेड एचसीएफ**	**बेड की संख्या**	**आच्छादित फैसिलिटी**
1.	मुरादाबाद	481	707	6699	• सुशीला बायो मेडिकल (संचालित) • भगवतसरन (प्रस्तावित)
2.	सम्भल	111	252	1034	• मै0 पुनःचक्रण प्रा0 लि0 (प्रस्तावित)
3.	बदायूं	147	30	1988	–
4.	अलीगढ़	474	387	9512	–
5.	हाथरस	148	207	1822	–
6.	एटा	122	128	1319	–
7.	कासगंज	81	102	1043	–
8.	बुलन्दशहर	293	243	4482	–
कुल बेड		1857	2056	27899	
जैव चिकित्सा अपशिष्ट की मात्रा कि0ग्रा0 में		**102.8 कि0ग्रा0**		**6974.75 कि0ग्रा0**	**कुल –7080.55 कि0ग्रा0**

बोर्ड में उपलब्ध अभिलेखों को दृष्टिगत रखते हुए केन्द्रीय प्रदूषण नियंत्रण बोर्ड की गाईडलाइन्स के अनुसार प्रस्तावित इकाई मै0 पुनःचक्रण प्रा0 लि0 के 75 किमी0 परिधि में गैप एनालिसिस निम्नानुसार है:

S.N.	Coverage area (pL indicate areas covered by a CBWTF in the State/UT)	No. of HCFs		No. of beds covered	Total estimated BMW generated in kg/day	Total existing treatment capacity in Kg					Total BMW treated and disposed in kg/day	Gap between total BMW generation and the existing BMW treatment capacity in Kg	Remarks (Whether additional treatment capacity is required or not)	
		Bedded	Non-bedded			Incineration	Authoclaving/ Hydroclaving /Microwaving	Chemical disinfection	Deep burial	Any other mode of disposal			yes	No
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	75 km	1857	2056	27899	7080.55 kg/day	300 kg/day	1500 liter/day				4800	2280.55	yes	

केन्द्रीय प्रदूषण नियंत्रण बोर्ड की गाईडलाइन के बिन्दु संख्या 2 (बी) में गैप ऐनालीसीस को अग्रिम 10 वर्षों हेतु किया जाना है। वर्तमान में उक्त आच्छादित जनपदों से जनित बायो मेडिकल वेस्ट तथा उक्त जनपदों में जैव चिकित्सा अपशिष्ट प्रबंधन व्यवस्थाओं की क्षमता में 2280.55 कि0ग्रा0 का गैप है।''

RESOLUTION AGAINST AGENDA NO. 11

The committee discussed the matter in view of factual/gap analysis report provided by the Member Secretary, UPPCB and recommended to grant the environmental clearance for the proposal along with environmental clearance conditions as earlier stipulated in 641st SEAC meeting dated 05/04/2022.

(Prof. Jaswant Singh) **Member, SEAC-2**	**(Dr. Amrit Lal Haldar)** **Member, SEAC-2**	**(Dr. Shiv Om Singh)** **Member, SEAC-2**
(Tanzar Ullah Khan) **Member, SEAC-2**	**(Ashish Tiwari)** **Member-Secretary, SEAC-2**	**(Dr. Harikesh Bahadur Singh)** **Chairman, SEAC-2**

Nodal, SEAC-2

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

Annexure-1

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.