

Minutes of 774th SEAC-2 Meeting Dated 17/08/2023

The 774th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 17/08/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 774th 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. Expansion of Tannery Project at Plot No A-32, Leather Technology Park, Banthar, District-Unnao, M/s Model Exims (Unit-2), Shri Zaid Alam., File No. 7564/ Proposal No. SIA/UP/IND1/408731/2022**

RESOLUTION AGAINST AGENDA NO. 01

A presentation was made by the project proponent along with their consultant M/s Green Enviro Engineers Pvt. Ltd. During the presentation the committee noted that the environmental clearance for the existing project “Model Exim”, A-2, Leather Technology Park, UPSIDC, Banthar, Unnao were issued by SEIAA, U.P. vide letter no. 929/132/SEAC/08, dated 11/06/2008 for 2600 kg/day raw hide to finish leather.

The committee also noted that the existing environmental clearance granted by SEIAA in the name of M/s Model Exim, A-2, Leather Technology Park, UPSIDC, Banthar, Unnao but the project proponent has submitted expansion proposal for the name of M/s Model Exims (Unit-2), Plot No. A-32, UPSIDC, Leather Technology Park, Banthar, Unnao. Address of unit is same but the name of unit is somewhat different. It seems there is some discrepancy in the names of the unit.

In view of above, the committee discussed the matter and directed the project proponent/consultant to submit the following clarification/information/documents:

- Clarification regarding the name of the unit along with the notarized affidavit and documental proof which clears the discrepancy of the unit's name.
- Certified compliance report of previous Environmental Clearance issued by SEIAA, U.P. dated 11/06/2008 of existing unit from IRO, MoEFCC, Lucknow.
- Revised Form-1 submitted with application and give quantifiable values with respect to each points.
- Proponent to provide a self certified copy of consent to operate (CTO) Air & Water, authorization for hazardous waste of existing unit issued by UPPCB.
- Proponent to provide the details of member units, discharge of each unit and capacity of CETP Banthar Industrial Area, Dist Unnao along with the permission granted to the said unit for the total discharge after the expansion from Banthar Industrial Pollution Control Company and Other Concerning Authorities.

6. Revised plan for solid waste which is generated during the process operations (flashing, leather cutting and leather dust etc.) for proper disposal and also provide the detail of hazardous waste treatment and disposal facility.
7. Revised water management plan with respect to the consumption at various stages in the process and ensure the compliance of EPA rules for water consumption in the tannery sector.
8. Revised plan for primary treatment facility and chrome treatment unit for proposed expansion and also provide the existing facility in the unit.
9. Layout plan of unit showing the existing plant machinery, boiler, PETP other utilities and the proposed place for expansion of the unit along with the site photographs.

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

2. **Group Housing Project “Elegant Splendour” at C.P.-GH-05 C, Sector-Tech Zone-IV, Greater Noida, Shri Sagar Batra, M/s Elegant Infracon Pvt. Ltd., File No. 8012/ Proposal No. SIA/UP/INFRA2/431828/2023**

RESOLUTION AGAINST AGENDA NO. 02

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

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

RESOLUTION AGAINST AGENDA NO. 03

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 Ambiental Global Pvt. Ltd. As per the presentation it is a case of violation category but in the presentation proponent/consultant has not provided the details as per the SoP for Identification and Handling of violation case under the EIA notification 2006. The Committee Member raises the queries related to the proposed project. PP/Consultant could not reply satisfactorily and also not provided the documents which need to be appraised of the project. PP/consultant has assured that they will submit the documents/information. The committee discussed the matter and directed the project proponent to submit following information:

1. Proponent/consultant to submit the documents/action plan in compliance of MoEF&CC Office Memorandum dated 07th July 2021 which are as follows:
 - I. Project proponent should submit the cost incurred/investment in project as on date of filing application against the total cost of project to be certified by the Govt. authorized valuer agency.
 - II. Revised assessment of ecological damage, remediation plan and natural and the community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by

an environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.

- III. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
2. Revised Plan for parking along with electric vehicle charging facility in the premises.
 3. Revised layout plan of proposed project which indicate the location of STP,OWC, DG Set and other utilities to be indicate in layout plan with required area of each activity to be submitted
 4. The project proponent submit the revised working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert in the light of CPCB/UPPCB Guideline for Green belt development
 5. The PP/Consultant shall prepare action plan to ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water and submit a revised water balance flow diagram in view of the above sources.
 6. The project proponent will prepare action plan to ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prepare to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change
 7. Revised Proposal for Sewage Treatment Plant (STP) and Municipal solid waste treatment for disposal and treatment specific to the proposed project
 8. Provide the details of water requirement with supply source for construction of project. Submit the MoU/NOC of concerning authority for meeting the water requirement.
 9. Revised Corporate Environment Responsibility (CER) as per the MoEF & CC, Govt of India guidelines.
 10. Provide the Latest photographs of project site along with date, time and geo coordinates.

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

4. Group Housing Project at Khasra No.- 221, 222, 223, 224, 302, 303, 304, & 307, Village- Makanpur, District- Ghaziabad, U.P., Shri Amit Yadav, M/s Ramprastha Builders Pvt. Ltd., File No. 8010/7840/ Proposal No. SIA/UP/INFRA2/434298/2023

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

1. The environmental clearance is sought for Group Housing Project at Khasra No. 221, 222, 223, 224, 302, 303, 304, & 307, Village- Makanpur, District- Ghaziabad, Uttar Pradesh.
2. The standard terms of reference for the preparation of EIA report for the project was issued through online Parivesh Portal on 10/05/2023. EIA report submitted by the project proponent on 26/06/2023.
3. The plot area is 24439.7 sqm whereas built-up area will be 192574.282 sqm.
4. Maximum number of floors will be 3B+G+38 and maximum height of the building (Upto Mumty Machine rm.) will be 150 m.

5. Total Saleable Dwelling Units are 302 nos. and number of Building Blocks will be 7 (4 Res+1 Commer.+2 club).
6. Expected population will be 2672 persons.
7. Salient features of the project:

SN	Description	Particulars	Unit
GENERAL			
1	Plot Area	24439.7	SQM
2	Proposed Built Up Area	192574.282	SQM
3	Number of Building Blocks (4 Res+1 Commer+2 club)	7	NOS
4	Total no of Saleable DU's	302	NOS
5	Max Height of Building (Upto Mumty Machine rm.)	150	M
6	Max No of Floors	3B+G+38	NOS
7	Cost of Project	350	CR
8	Expected Population	2672	PERSONS
9	Permissible Ground Coverage Area (@40%)	9775.916	SQM
10	Proposed Ground Coverage Area (24.225%)	5920.705	SQM
11	Permissible FAR Area (4.125)	100814.134	SQM
12	Proposed FAR Area (4.122)	100778.038	SQM
13	Proposed NoN FAR Area	91796.244	SQM
14	Proposed Built Up Area	192574.282	SQM
Water			
15	Total Water Requirement	240	KLD
16	Fresh water requirement	162	KLD
17	Waste water Generation	165	KLD
18	Proposed STP Capacity	200	KLD
19	Treated Water Available for Reuse	149	KLD
20	Recycled Water	78	KLD
21	Surplus Treated water	71	KLD
RAIN WATER HARVESTING			
22	Rain Water Harvesting Potential	317.47	CUM
23	No of RWH of Pits Proposed	6	NOS
PARKING			
24	Total Parking required	630	ECS
25	Total Proposed Parking	1529	ECS
26	Proposed Basement 1 Parking	526	ECS
27	Proposed Basement 2 Parking	551	ECS
28	Proposed Basement 3 Parking	452	ECS
GREEN AREAS			
29	Required Green Area (15%of Plot Area)	3665.969	SQM
30	Proposed Green Area (31% of Plot Area)	7598.64	SQM
WASTE GENERATION			
31	Municipal Solid Waste Generation	1.14	TPD
32	Bio Degradable waste	0.46	TPD
33	Quantity of Sludge Generated from STP	16.54	KG/DAY
POWER			
34	Total Power Requirement	3570	KVA
35	DG set backup	4510	KVA

8. Land use details:

S. No.	Particulars	Area (sqm)	% w r t plot area
1	Ground Coverage Area	5920.705	24.2 %
2	Green Area	7598.64	31.1 %
3	Road/Paved & Parking Area	8748.01	35.8 %
4	Other Open Area	2187	8.9 %
5	Total Plot Area	24439.7	100

9. Landscape plan:

Total Plot Area	24439.7 sq. m.
Proposed Green Area (31% of the Plot Area)	7598.64 sq. m.

Required No of Trees	305.4 nos.
Proposed No. of trees	305 nos.

10. Water requirement details:

WATER REQUIREMENT			
	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN KL
RESIDENTIAL			
DOMESTIC	2114	65	137
FLUSHING	2114	21	44
NON RESIDENTIAL (Working)			
DOMESTIC	124	25	3.10
FLUSHING	124	20	2.48
VISITORS			
DOMESTIC	434	5	2.17
FLUSHING	434	10	4.34
TOTAL POPULATION	2672		
Swimming POOL			20
GARDENING	7598.64	3.5	27
TOTAL WATER REQUIREMENT			240
Waste water details:			
<ul style="list-style-type: none"> ➤ Estimated Sewage Generation: 165 KLD ➤ Waste water generated will be treated in on-site STP of capacity 200 KLD. ➤ Treated Water Reuse: 78 KLD treated water will be used for horticulture and flushing. ➤ Surplus 71 KLD of treated water to be discharged in public sewer with prior permission. 			

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

The consultant (EIA Coordinator) also submitted an affidavit dated 17/08/2023 mentioning is as follows:

1. I, Soumya Dwivedi, S/o Shri J.P. Dwivedi is EIA Coordinator of M/s Ind Tech House Consult.
2. I have prepared the EIA/EMP report for the proposal SIA/UP/INFRA2/434298/2023 for Group Housing Project at Khasra No. 221, 222, 223, 224, 302, 303, 304, & 307, Village- Makanpur, District- Ghaziabad, Uttar Pradesh with my team.
3. I have personally visited the site and certify that no construction activity has been undertaken on the project site.
4. I am satisfied with that all the necessary data/information submitted along with EIA report for environmental clearance are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

RESOLUTION AGAINST AGENDA NO. 04

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

Additional Conditions:

1. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
3. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
5. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
6. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
7. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
8. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water. The project proponent will submit revised water mass balance in the light of above to the directorate of Environment and the concerned regulatory authorities.
9. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
10. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
11. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. Statutory compliance:
 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
 4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
 5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
 6. Wet jet shall be provided for grinding and stone cutting.
 7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
 8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
 9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
 10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
 11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swailes, 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.

5. River bed ordinary sand mining river Yamuna in Khand No. 16 at Village – Madauka, Meerakpur, Mahewa Patti (West), Tehsil- Karchhana, Allahabad, Shri Ravi Shankar Shukla., Area 8.00 ha., File No. 7712/6038/ Proposal No. SIA/UP/MIN/422460/2023

The Secretariat informed the committee that the matter was earlier discussed in 740th SEAC meeting dated 29/03/2023 and directed is as follows:

“During the presentation the SEAC observed that the quantity in mining plan and letter of intent (LoI) has been mentioned as 1,60,000 m³/annum. However, in replenishment study report provided by DGM vide letter no. 1686/M-NGTvaad/2021, dated 10/02/2023 the quantity has been given is as follows:

Ghat Name	Area (Ha.)	Replenished Quantity (Cum) in Mine lease	Resource Quantity in mine lease (pre monsoon) (Cum)	Total Quantity (Cum)
Makoda, Meerakpur, Maheva Patti	8.0	37004	55969	92973

The SEAC discussed the matter and advised the project proponent/consultant to revise the LoI and mining plan in the light of quantity mentioned in replenishment study report provided by DGM.”

The project proponent submitted their replies through online Parivesh Portal on 26/06/2023. The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for proposed river bed ordinary sand mining along river Yamuna in Khand No. 16 at Village – Madauka, Meerakpur, Mahewa Patti (West), Tehsil- Karchhana, District- Allahabad, U. P., (Leased area 8.00 ha (19.76 acre)).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. .- 13/Parya/SEAC/6038/2019, dated 06/04/2021.
3. The Public Hearing was organized on 20/10/2021 at Tehsil – Karchhana, District - Prayagraj, Uttar Pradesh. Final EIA Report was submitted by the Project Proponent on 17/03/2023..
4. Salient features of the project as submitted by the project proponent:

1.	Name of Proponent	Ravi Shankar Shukla S/o Shri Parmanand Shukla R/o-Saraykaji Kadan urf Miyapur
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		Line Bazar, District – Jaunpur U.P.															
2.	Full correspondence address of proponent and mobile no.	R/o-Saraykaji Kadan urf Miyapur Line Bazar, District – Jaunpur U.P. Mobile No.- E mail ID - ravisandald@gmail.com															
3.	Name of Project	Environmental Clearance of proposed river bed ordinary sand mining having lease area 8.00 ha (19.76 acre) along river Yamuna in Khand No. 16 at Village – Madauka, Meerakpur, Mahewa Patti (West), Tehsil- Karchhana, District- Prayagraj, U. P. of Shree Ravi Shankar Shukla.															
4.	Project Location (Plot. Khasra/Gata No.)	Khand No. 16															
5.	Name of River	Yamuna															
6.	Name of Village	Madauka, Meerakpur, Mahewa Patti (West)															
7.	Tehsil	Karchhana															
8.	District	Prayagraj															
9.	Name of Minor Mineral	“river bed Sand/morrum mining”															
10.	Sanctioned Lease Area (in Ha.)	8.0 ha															
11.	Max. & Min mRL within lease area	Highest mRL -80.00 mRL Lowest mRL- 73.00 mRL															
12.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude N</td><td>Longitude E</td></tr><tr><td>A</td><td>25° 24.614’</td><td>81°49.506’</td></tr><tr><td>B</td><td>25° 24.720’</td><td>81°49.410’</td></tr><tr><td>C</td><td>25° 24.831’</td><td>81°49.576’</td></tr><tr><td>D</td><td>25° 24.718’</td><td>81°49.663’</td></tr></table>	Point	Latitude N	Longitude E	A	25° 24.614’	81°49.506’	B	25° 24.720’	81°49.410’	C	25° 24.831’	81°49.576’	D	25° 24.718’	81°49.663’
Point	Latitude N	Longitude E															
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B	25° 24.720’	81°49.410’															
C	25° 24.831’	81°49.576’															
D	25° 24.718’	81°49.663’															
13.	Total Geological Reserves	1,62,828 m ³															
14.	Total Mineable Reserve	92,973 m ³															
15.	Total Proposed Production	3,25,405 m ³ up to 30/11/2026															
16.	Proposed Production /year (as per LoI)	92,973 m ³ /annum (as per SMO, Prayagraj letter and modified mine plan)															
17.	Sanctioned Period of Mine lease	Lease Period up to 30/11/2026 Plan Period up to 30/11/2026															
18.	Production of mine/day	344 m ³ /day															
19.	Method of Mining	Opencast semi-mechanized															
20.	No. of workers	41															
21.	Type of Land	Govt./Non Forest Land															
22.	Depth of Mining	2.0 m (Maximum)															
23.	Nearest metalled road from site	0.30 km															
24.	Water Requirement	<table><tr><td colspan="2">PURPOSE</td></tr><tr><td>Drinking</td><td>- 0.41 KLD</td></tr><tr><td>Suppression of dust</td><td>- 3.60 KLD</td></tr><tr><td>Plantation</td><td>- 0.16 KLD</td></tr><tr><td>Others (if any)</td><td>- 0.00 KLD</td></tr><tr><td>Total</td><td>~ 4.50 KLD</td></tr></table>	PURPOSE		Drinking	- 0.41 KLD	Suppression of dust	- 3.60 KLD	Plantation	- 0.16 KLD	Others (if any)	- 0.00 KLD	Total	~ 4.50 KLD			
PURPOSE																	
Drinking	- 0.41 KLD																
Suppression of dust	- 3.60 KLD																
Plantation	- 0.16 KLD																
Others (if any)	- 0.00 KLD																
Total	~ 4.50 KLD																
25.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024															
26.	Any litigation pending against the project or land in any court	No															
27.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 3473 /Khanij/2022 - 23, dated - 27/03/2023															
28.	Details of Lease Area in approved DSR	Serial no. 16, Page no. 56															
29.	Project Cost	90.00 Lacs															
30.	Proposed CER cost	1.80 lacs															
31.	Length and breadth of Haul Road	Length – 0.30 km, Breadth – 6.00 m															
32.	No. of Trees to be Planted	160															

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

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

The consultant (EIA Coordinator) also submitted an affidavit dated 16/08/2023 mentioning is as follows:

1. I, Dr. Pankaj Srivastava, S/o Shri V. V. Srivastava is EIA Coordinator of M/s Paramarsh servicing Environment and Development.
2. I have prepared EIA/EMP report for the: Environment Clearance of proposed river bed ordinary sand mining along river Yamuna in Khand No. 16 at Village – Madauka, Meerakpur, Mahewa Patti (West), Tehsil- Karchhana, District- Allahabad, U. P., (Leased area 8.00 ha (19.76 acre)). Proposal number SIA/UP/MIN/422460/2023 with my team.
3. I have personally visited the proposed site along with team and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for 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.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-4 to these minutes. The committee also stipulated the following specific conditions:

1. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
4. The project proponent shall install solar light in their site office.
5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.

8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted and report of green belt development to be submitted to the concerning department
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

6. Building stone Sand Stone Mine at Arazi No- 428 (Sl. No. 08), Village- Dhuria, Tehsil- Chunar, District- Mirzapur, Shri Manish Kumar, Area 2.02 Ha., File No. 7778/7027/ Proposal No. SIA/UP/MIN/425105/2023

RESOLUTION AGAINST AGENDA NO. 06

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

1. Proponent/consultant shall present TOR 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.
2. Revised CSR & EMP plan as per the MoEF guidelines to be submitted.
3. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted.
4. 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.
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.
6. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted.

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

7. "Building Stone Khanda, Boulders, Ballast (Gitti) Mining Project" located at Gata No. -989 (Khand No.- 04), Village-Makarbai, Tehsil- Sadar& District- Mahoba, Shri Anant Ram Shukla, Area- 0.809 ha., File No. 7768/ 6890/ Proposal No. SIA/UP/MIN/425239/2023

The Secretariat informed the committee that the matter was earlier listed in 747th SEAC meeting dated 11/05/2023 and any responsible person from project proponent side did not appear in the meeting and the committee directed to defer the matter from the agenda. The project proponent through online Parivesh Portal on 26/06/2023 have requested to list the matter in next SEAC meeting and the matter was listed in 774th SEAC meeting dated 17/08/2023.

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

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

1. The environmental clearance is sought for “Building Stone Khanda, Boulders, Ballast (Gitti) Mining Project” at Gata No. 989 (Khand No.- 04), Village-Makarbai, Tehsil- Sadar & District- Mahoba, U.P., (Leased Area- 0.809 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 58/parya/SEIAA/6890/2022, Dated 07/05/2022.
3. The Public Hearing was organized on 02/02/2023. Final EIA Report was submitted by the Project Proponent on 07/04/2023.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/425239/2023		
2. File No. allotted by SEIAA, U.P	7768-6890		
3. Name of Proponent	Shri Anant Ram Shukla S/o Shri Bhaiya Ram Shukla		
4. Full correspondence address of proponent and mobile no.	R/O- Mo. Bhagat Singh Nagar, Kabrai, Tehsil & District- Mahoba (U.P.)		
5. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 989 (Khand No. – 04),		
7. Name of River	NA		
8. Name of Village	Makarbai		
9. Tehsil	Sadar		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
12. Sanctioned Lease Area (in Ha.)	0.809 Ha.		
13. Mineable Area (in Ha.)	0.6026 Ha. (Safety margin 0.2064 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	The highest and lowest point is 209mRL towards NW direction and 192.0 mRL towards South direction respectively.		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°19'50.311"N	79°59'34.171"E
	B	25°19'50.419"N	79°59'35.913"E
	C	25°19'45.438"N	79°59'35.614"E
	D	25°19'45.011"N	79°59'33.455"E
17. Total Geological Reserves	3,84,526 m ³		
18. Total mineable Reserve	242023 m ³		
19. Total Proposed Production (in five year)	2,00,000 m ³ for five year		
20. Proposed Production/year	40,000 m ³ per year		
21. Sanctioned Period of Mine lease	10 Years as per LOI		
22. Proposed productions for 10 years	4,00,000 m ³ for 10 years		
23. Monitoring period	1 st March 2021 to 31 st May 2021		
24. Method of Mining	Open cast, Semi-Mechanized		
25. No. of working days	250		
26. Working hours/day	8 hours/day		
27. No. Of workers	Approx.20 workers		
28. No. Of vehicles movement/day	NA		
29. Type of Land	Govt. Land(rocky Barren)		
30. Ultimate Depth of Mining	30 m for five years as per approved mining plan		
31. Nearest metalled road from site	NH-76 is about 4.51 km aerial distance towards West direction from project site.		
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.30 KLD	
	Dust suppression	4.66 KLD	
	Plantation	1.0 KLD	
	Others (if any)	-	
	Total	5.96 KLD approx. 6.0 KLD.	

33. Name of QCI Accredited Consultant with QCI No And period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200(Rev 01) Validity upto 21/01/2024.
34. Any litigation pending against the project or land in any court	No
35. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 7503/एम०एम०सी०-30/2020-21, Date-26/12/2020
36. Details of Lease Area in approved DSR	Amendment Letter no:154/M.M.C-30-Khanij(2021-22) dated 12/05/2021 Page No:03 Serial No:96
37. Proposed EMP cost	Rs. 14,32,985/-
38. Proposed Total Project cost	Rs. 98,00,000/-
39. Length and breadth of Haul Road	518 m length and 6.0 m width
40. No. of Trees to be Planted	1000

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

The consultant (EIA Coordinator) also submitted an affidavit dated 14/08/2023 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
2. I have prepared final EIA report for the Proposal No. SIA/UP/MIN/425239/2023, (FILE No. 7768-6890) Shri Anantram Shukla S/o - Shri Bhaiyaram Shukla, R/o - Bhagatsingh Nagar, Kabrai, Tehsil & District- Mahoba (U.P.) proposed “Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project” located at Arazi No. 989, Khand No. – 04, (Area 0.809 Ha.) in Village- Makarbai, Tehsil- Sadar & District- Mahoba, Uttar Pradesh with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EIA/EMP presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 07

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

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000

trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.

2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
12. The project proponent should explore the possibilities of rainwater harvesting.
13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, U.P.

8. “Ordinary Soil Excavation Project” at Gata No. – 143, 141, village – Hashampur Gopal, Tehsil & District - Moradabad, Shri Mohammad Salim, Area: 1.274 Ha., File No. 8004/ Proposal No. SIA/UP/MIN/433842/2023

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

1. The environmental clearance is sought for “Ordinary Soil Excavation Project” at Gata No. – 143, 141, village – Hashampur Gopal, Tehsil & District - Moradabad, U.P., (Leased Area: 1.274 Ha.).
2. Salient features of the project as submitted by the project proponent:

Minutes of 774th SEAC-2 Meeting Dated 17/08/2023

1. On-line proposal No.	SIA/UP/MIN/433842/2023			
2. File No. allotted by SEIAA, U.P	8004			
3. Name of Proponent	Shri Mohammad Salim S/o Shri Mohammad Shakil Khan			
4. Full correspondence address of proponent	R/o – Shaniwar Ka Bazar, Pakbara, District- Moradabad (U.P.)			
5. Name of Project	Ordinary Soil Excavation Project			
6. Project location (Plot/Khasra/Gata No. Khand No.)	Gata No. 143,141			
7. Name of River	NA			
8. Name of Village	Hashampur Gopal			
9. Tehsil	Moradabad			
10. District	Moradabad			
11. State	Uttar Pradesh			
12. Name of Minor Mineral	Ordinary Soil Excavation Project			
13. Sanctioned Lease Area (in Ha.)	1.274 Ha.			
14. Mineable Area (in Ha.)	1.1466 Ha (safety margin 0.1274Ha.)			
15. Zero level mRL	NA			
16. Max. & Min mrl within lease area	The elevation of the given excavation site is 198 mRL.			
17. Pillar Coordinates (Verified by DMO)	Gata No.	Point	Latitude	Longitude
	141	A	28°48'16.39"N	78°39'39.47"E
		B	28°48'16.06"N	78°39'40.06"E
		C	28°48'14.04"N	78°39'38.43"E
		D	28°48'14.32"N	78°39'37.81"E
	143	E	28°48'14.39"N	78°39'42.32"E
		F	28°48'13.86"N	78°39'43.22"E
		G	28°48'12.62"N	78°39'42.23"E
		H	28°48'13.15"N	78°39'41.32"E
18. Total Geological Reserves	31850 m3			
19. Mineable Quantity	27518 m3 in three months			
20. Total Proposed Production	9172.66 m3 in one months			
21. Proposed Period of Mine lease	3 months as per Approved mining plan			
22. Production of mine/day	NA			
23. Method of Mining	Open cast, Semi Mechanized and loading with the help of one excavator.			
24. No. of working days	90 days			
25. Working hours/day	8 hours/day			
26. No. Of workers	Approximately 20 workers			
27. No. Of vehicles movement/day	Approximately 5-7 movements per day			
28. Type of Land	Private land			
29. Ultimate Depth of Mining	2.5 meter as per approved mining plan			
30. Nearest metalled road from site	NH9 is about 2.18 km towards North East direction from the excavation site.			
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		0.30	
	Suppression of dust		3.15	
	Plantation		0.01	
	Others (if any)		-	
	Total		3.46 KLD Approx.	
32. Name of QCI Accredited Consultant with QCI No And period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P.) Certificate No. QCI/NABET/EIA/1922/RA/0200 (Rev-01) and valid up to Jan 21, 2024.			
33. Any litigation pending against the project or land in any court	No			
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 281/Khanij//2023 on dated 16/06/2023			
35. Details of Lease Area in approved DSR	NA			

36. Proposed EMP cost	Rs 4,07,640/-
37. Total Project cost	Rs. 15,00,000/-
38. Length and breadth of Haul Road	350 m length and 6 m width
39. No. of Trees to be Planted	10

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

The consultant (EIA Coordinator) also submitted an affidavit dated 14/08/2023 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.M/s Environmental Research and Analysis, Lucknow (U.P.) Certificate No. QCI/NABET/EIA/1922/RA/0200 (Rev-01) and valid up to Jan 21, 2024.
2. I have prepared EC (B2) report for the Proposal No. SIA/UP/MIN/433842/2023, File No 8004 Prop. – Shri Mohammad Salim S/o Shri Mohammad Shakil Khan R/o –Shaniwar Ka Bazar, Pakbara, District- Moradabad (Uttar Pradesh) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EC (B2) presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EC (B2) report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 08

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to these minutes.

9. Ordinary earth mine at Gata no.- 270, Village- Chhedanagar, Tehsil- Nawabganj, District- Barabanki, Shri Anurudh Kumar, Area- 0.65 ha., File No. 8008/ Proposal No. SIA/UP/MIN/434325/2023

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

1. The environmental clearance is sought for “Ordinary Earth Mining” at Araj/Gata no.- 270, Village- Chhedanagar, Tehsil- Nawabganj, District- Barabanki, Uttar Pradesh, (Leased Area- 0.65 ha.).

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

1.	On-line proposal No.	SIA/UP/MIN/434325/2023																				
2.	File No. allotted by SEIAA, UP	8008																				
3.	Name of Proponent	Shri Anurudh Kumar (Anuruddh Singh)																				
4.	Full correspondence address of proponent and mobile no.	Shri Anurudh Kumar (Anuruddh Singh) S/o Shri Ganga Bakhsh Singh R/o Village- Tera Khurd, Terakalan, District- Barabanki, Uttar Pradesh- 225301 E-mail Id- anuruddh5418@gmail.com																				
5.	Name of Project	“Ordinary Earth Mining” at Village- Chhedanagar, Tehsil- Nawabganj, District- Barabanki, Uttar Pradesh																				
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.- 270, Plot Area-0.65 Ha., Village- Chhedanagar, Tehsil- Nawabganj, District- Barabanki, Uttar Pradesh																				
7.	Name of River	NA																				
8.	Name of Village	Chhedanagar																				
9.	Tehsil	Nawabganj																				
10.	District	Barabanki																				
11.	Name of Minor Mineral	Ordinary earth																				
12.	Sanctioned Lease Area (in Ha.)	0.65 ha.																				
13.	Max. & Min mRL within lease area	Highest- 138 mRL & Lowest- 136 mRL																				
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Plot No</td><td>Points</td><td>Latitude</td><td>Longitude</td></tr><tr><td rowspan="4">270</td><td>A</td><td>26°53'29.40"N</td><td>81°12'31.30"E</td></tr><tr><td>B</td><td>26°53'28.01"N</td><td>81°12'32.90"E</td></tr><tr><td>C</td><td>26°53'25.30"N</td><td>81°12'30.52"E</td></tr><tr><td>D</td><td>26°53'26.73"N</td><td>81°12'28.91"E</td></tr></table>				Plot No	Points	Latitude	Longitude	270	A	26°53'29.40"N	81°12'31.30"E	B	26°53'28.01"N	81°12'32.90"E	C	26°53'25.30"N	81°12'30.52"E	D	26°53'26.73"N	81°12'28.91"E
Plot No	Points	Latitude	Longitude																			
270	A	26°53'29.40"N	81°12'31.30"E																			
	B	26°53'28.01"N	81°12'32.90"E																			
	C	26°53'25.30"N	81°12'30.52"E																			
	D	26°53'26.73"N	81°12'28.91"E																			
15.	Total Geological Reserves	14,300 m ³																				
16.	Total Mineable Reserve (as per Approved Mine Plan)	11,115 m ³																				
17.	Total Proposed Production	11,000 m ³ (in 3 months)																				
18.	Proposed Production	11,000 m ³ (in 3 months)																				
19.	Sanctioned Period of Mine lease	03 months																				
20.	Method of Mining	Opencast, Semi-Mechanized																				
21.	Working hours/day	8																				
22.	No. of worker	10																				
23.	Type of Land	Private land																				
24.	Ultimate of Depth of Mining	2.2m																				
25.	Nearest metalled road from site	200 m																				
26.	Water Requirement	PURPOSE		REQUIREMENT (KLD)																		
		Drinking		0.10 KLD																		
		Suppression of dust		2.30 KLD																		
		Plantation		0.06 KLD																		
		Total		2.46 KLD																		
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s AWS Envirotech (OPC) Pvt. Ltd. 2 nd floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar, Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14, 2025																				
28.	Any litigation pending against the project or land in any court	No																				
29.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no.- 1342/A.J.A II Dated- 03.06.2023																				
30.	Details of Lease Area in approved DSR	Its ordinary soil mining project, DSR not applicable																				
31.	Proposed CER cost	Rs. 7,000/-																				
32.	Proposed EMP cost	EMP Cost- Rs. 91,000/-																				
33.	Length and breadth of Haul Road	325 m and 6.0 m respectively.																				

34.	No. of Trees/saplings to be Planted	30
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3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 19/06/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared EC application report for the Proposal “Ordinary Earth Mining” at Araji/Gata no.- 270, Village- Chhedanagar, Tehsil- Nawabganj, District- Barabanki, Uttar Pradesh, (Leased Area- 0.65 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with EC application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 09

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to these minutes.

10. “Building Stone (Khanda, Boulder, Bailast (Gitti))” Project at Gata No.-2605 Kha, Village- Pahra, Tehsil- Mahoba, District- Mahoba, Shri Harendra Singh, Area : 1.70 ha., File No. 8014/ 7019/ Proposal No. SIA/UP/MIN/434761/2023

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

1. The environmental clearance is sought for Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining at Gata No. 2605 Kha, Village- Pahra, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 1.70 ha.), M/s Maa Jagdamba Associates.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 115/Parya/SEIAA/7019/2022, dated 28/06/2022.

3. The Public Hearing was organized on 30/05/2023. Final EIA Report was submitted by the Project Proponent on 27/06/2023.

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

1.	On-line proposal No.	SIA/UP/MIN/434761/2023		
2.	File No. allotted by SEIAA, UP	8014/ 7019		
3.	Name of Proponent	M/s Maa Jagdamba Associates, Prop.- Shri Harendra Singh S/o Shri Suryabhan Singh		
4.	Full correspondence address of proponent	R/o- Mohalla- Ambedkar Nagar, Kabrai, Tehsil- Mahoba, District- Mahoba, U.P.		
5.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti)) & Pahari Red Morram) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 2605 Kha		
7.	Name of Village	Pahra		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti)) & Pahari Red Morram)		
11.	Sanctioned Lease Area (in Ha.)	1.70 ha.		
12.	Max.& Min mRL within lease area	194 mRL- 167 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25 [°] 20' 40.754"N	80 [°] 03' 44.258"E
		B	25 [°] 20' 41.153"N	80 [°] 03' 45.629"E
		C	25 [°] 20' 38.594"N	80 [°] 03' 49.993"E
		D	25 [°] 20' 37.273"N	80 [°] 03' 49.157"E
		E	25 [°] 20' 37.327"N	80 [°] 03' 45.112"E
		F	25 [°] 20' 36.851"N	80 [°] 03' 44.758"E
		G	25 [°] 20' 37.381"N	80 [°] 03' 43.531"E
		H	25 [°] 20' 38.360"N	80 [°] 03' 43.700"E
		I	25 [°] 20' 38.925"N	80 [°] 03' 43.120"E
14.	Total Geological Reserves	2072180 m ³		
15.	Total Mineable Reserves	548775 m ³		
16.	Total Proposed Production (in five year)	237740 m ³		
17.	Proposed Production / year	47548 m ³		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	37 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Nearest metalled road from site	250m		
23.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	1.50	
		Plantation	2.00	
		Total	3.90	
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development).. Lucknow, U.P. QCI/NABET/EIA/2124/RA0224 Validity- May 01, 2024		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Mahoba (Mining Section) vide Letter No. 2068/MMC-30/2021-22, Dated 26.10.2021		
27.	Details of Lease Area in approved DSR	Page No.-02, S.No.- 40		
28.	Proposed CER cost	1.40 Lakh		
29.	Proposed EMP cost	14.20 Lakh		
30.	Length and breadth of Haul Road.	Length- 250m, Width- more than 6.0 m		

31.	No. of Trees to be Planted	2000
5.	The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.	
6.	This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.	
7.	The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.	
8.	There is no litigation pending in any court regarding this project.	
9.	The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).	

The consultant (EIA Coordinator) also submitted an affidavit dated 25/06/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepare EIA/EMP report for the File No. - 7019, Proposal No.- SIA/UP/MIN/74793/2022, of the client M/s Maa Jagdamba Associates Shri Harendra Singh S/o Shri Suryabhan Singh for the “Building Stone (Khanda, Boulder, Bailast (Gitti)) & Pahari Red Morram” Project at Gata No.-2605 Kha, Village- Pahra, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 1.70 ha.) 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 EIA preparations 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 the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.

RESOLUTION AGAINST AGENDA NO. 10

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

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

measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.

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

11. "Building Stone (Khanda, Boulder, Bailast & Gitti)Mining" Project at Gata No.-1939, at Village- Paharra, Tehsil & District- Mahoba, Shri Kalvan Singh, Area-1.21 ha., File No. 6482/ Proposal No. SIA/UP/MIN/65883/2021

RESOLUTION AGAINST AGENDA NO. 11

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

12. Sand Mining Project on Ganga Riverbed Village- Ganeshpur Gang, Tehsil- Atrauli, District: Aligarh, Shri Kavindra Rastogi, Area: 16.0 Ha., File No. 7838/ Proposal No. SIA/UP/MIN/427913/2023

RESOLUTION AGAINST AGENDA NO. 12

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

13. “Building Stone (Sandstone) Mining” at Araj No. - 1533/6, 1533/7, 1533/8, 1533/9, 1533/10, 1533/11, 1533/12, 1533/17, 1533/18, 1533/19, 1533/20, 1533/21, 1533/22 & 1533/23, Village- Bahuti, Tehsil-Madihan, District: Mirzapur, Shri Utkarsh Singh, Area- 4.858 Ha., File No. 8006/ Proposal No. SIA/UP/MIN/434184/2023

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

1. The terms of reference is sought for “Building Stone (Sandstone) Mining” at Araj No. - 1533/6, 1533/7, 1533/8, 1533/9, 1533/10, 1533/11, 1533/12, 1533/17, 1533/18, 1533/19, 1533/20, 1533/21, 1533/22 & 1533/23, Village- Bahuti, Tehsil-Madihan, District: Mirzapur, U.P., (Leased Area- 4.858 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/434184/2023		
2. File No. allotted by SEIAA, U.P	8006		
3. Name of Proponent	Shri Ram Bhavan Singh S/o Shri Tej Bahadur Singh & Shri Utkarsh Singh (partner) S/o Sailendra Kumar Singh		
4. Full correspondence address of proponent and mobile no.	Shri Ram Bhavan Singh R/O- Banvaripur, Post- Balhara, Tehsil – Madihan, District - Mirzapur (U.P.) & Shri Utkarsh Singh R/O – Bathua, Tehsil- Sadar, District - Mirzapur (U.P.)		
5. Name of Project	Building Stone Sandstone Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1533/6, 1533/7, 1533/8, 1533/9, 1533/10, 1533/11, 1533/12, 1533/17, 1533/18, 1533/19, 1533/20, 1533/21, 1533/22 & 1533/23		
7. Name of Village	Bahuti		
8. Tehsil	Madihan		
9. District	Mirzapur		
10. State	Uttar Pradesh		
11. Name of Minor Mineral	Building Stone Sandstone Mining Project		
12. Sanctioned Lease Area (in Ha.)	4.858 Ha.		
13. Mineable Area (in Ha.)	4.17 Ha (safety margin 0.688 Ha.)		
14. Max. & Min mrl within lease area	Maximum & Minimum mRL 192 mRL & 184 mRL respectively		
15. Pillar Coordinates (Verified by DMO)	GPS Coordinate of Lease Area –4.858Ha.		
	Pillar	Latitude(N)	Longitude(E)
	A	25°00'05.70"N	82°32'25.00"E
	B	25°00'04.30"N	82°32'36.60"E
	C	24°59'59.60"N	82°32'35.60"E
	D	25°00'00.90"N	82°32'24.10"E
16. Total Geological Reserves	527424 m3		
17. Total Mineable Reserves	402418 m3		
18. Total Proposed Production (in 6 months)	400000 m3 for 5 years		
19. Proposed Production/year	80000 m3 per year		
20. Sanctioned Period of Mine lease	10 years		
21. Total proposed production for lease period	800000 m3 for 10 years of lease period		
22. Monitoring Season	15/03/2023 to 15/06/2023 (Pre monsoon Season)		
23. Method of Mining	opencast, semi-mechanized		
24. No. of working days	250		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 50 workers		
27. No. Of vehicles movement/day	Approximately 24-25 movements per day.(Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use)		

28. Type of Land	Government Land	
29. Ultimate Depth of Mining	12.0 m as per approved mining plan	
30. Nearest metalled road from site	NH5 which is about 7.2 Km towards East direction	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.60 KLD
	Dust suppression	5.40 KLD
	Plantation	5.0 KLD
	Others (if any)	-
	Total	11.0 KLD
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev01) and valid upto January 21 2024	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 3892/ M.M..C-30-/2022-23 Issued on 05/04/2023	
35. Details of Lease Area in approved DSR	DSR report page no 16 sl.no.153	
36. Proposed EMP cost	Rs. 27,56,237/-	
37. Proposed Total Project cost	Rs. 90,00,000/-	
38. Length and breadth of Haul Road	600 m length and 6 m width	
39. No. of Trees to be Planted	5000	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 14/08/2023 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
2. I have prepared TOR report for the Proposal No. SIA/UP/MIN/434184/2023, (FILE No. 8006) for the project proposed "Building Stone (Sandstone) Mining" at Arajhi No. - 1533/6, 1533/7, 1533/8, 1533/9, 1533/10, 1533/11, 1533/12, 1533/17, 1533/18, 1533/19, 1533/20, 1533/21, 1533/22 & 1533/23, Village- Bahuti, Tehsil-Madihan, District: Mirzapur, U.P., (Leased Area- 4.858 Ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 13

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

Additional TOR:

1. Revised DSR from competent authority should be provided at the time of EIA presentation.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
10. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
11. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
13. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

14. Gitti Boulder (Sandstone) Mining Project Araj No. -30/71, Village-Sukrit, Tehsil-Robertsganj, District- Sonbhadra, Shri Ajit Singh Yadav, M/s Shri Ram Enterprise, Area-1.9829 Ha., File No. 8016/ Proposal No. SIA/UP/MIN/431773/2023

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

their consultant M/s Ind Tech House Consult. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Gitti Boulder (Sandstone) Mining project at Arajji No-30/71, Village-Sukrit, Tehsil- Robertsganj, District-Sonbhadra, U.P., (Leased Area: 1.9829 Ha.).
2. Salient features of the project as submitted by the project proponent:

1	On Line Proposal No.	SIA/UP/MIN/431773/2023		
2	File No. allotted by SEIAA, UP	8016		
3	Name of Proponent	Shri Ajit Singh Yadav S/o Shri Kripa Shankar Yadav		
4	Full correspondence address of proponent and mobile no.	Shri Ajit Singh Yadav S/o Shri Kripa Shankar Yadav R/O 10/40, Mittal Nagar, Obra, Thana-Obra, District- Sonbhadra, Uttar Pradesh.		
5	Name of Project	Gitti Boulder (Sandstone) Mining Project named M/s ShriRam Enterprises Partner Shri Ajit Singh Yadav at Arajji No.30/71 Village-Sukrit, Tehsil-Robertsganj, District-Sonbhadra, Uttar Pradesh. Area 1.9829Ha		
6	Project Location(Plot.Khsra/Gata/Arajji No.)	Arajji No-30/71		
7	Name of Village	Sukrit		
8	Tehsil	Robertsganj		
9	District	Sonbhadra		
10	Name of Minor Mineral	Gitti Boulder (Sandstone)		
11	Sanctioned Lease Area (in Ha.)	1.9829 Ha		
12	Max. & Min mRL within lease area	278.5 mRL & 266.5 mRL respectively		
13	Pillar Coordinates (Verified by DMO)	PILLER NO.	LATITUDE	LONGITUDE
		A	24°54'49.89"N	83° 1' 47.85"E
		B	24°54'49.87"N	83° 1' 53.31"E
		C	24°54'45.13"N	83° 1' 53.14"E
		D	24°54'45.10"N	83° 1' 47.77"E
14	Total Geological Reserves	815907m ³		
15	Total Mineable Reserve in LOI	59514.00 m ³ /Annum		
16	Total Proposed Production	59514.00 m ³ /Annum		
17	Sanctioned Period of Mine lease	20 Years		
18	Production of mine/day	198 m ³		
19	Method of Mining	Open cast Manual/ Semi Mechanized Mining		
20	No. of working days	300 Days		
21	Working hours/day	8 Hours		
22	No. of worker	25 Workers		
23	No. of vehicles movement/day	22 Trucks/ Day (Depending on market demand)		
24	Type of Land	Govt. Land		
25	Ultimate of Depth of Mining	24.0 m		
26	Nearest metalled road from site	1.00 Km		
27	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.25 KLD	
		Suppression of dust	3.36 KLD	
		Plantation	0.39 KLD	
		Others (if any)		
		Total	4.0 KLD	
28	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult Certificate No-QCI/NABET/ENV/ACO/23/2808 Period of Validity- 31-10-2023		
29	Any litigation pending against the project or land in any court	No		
30	Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No'-3838/Khanij/2023 dated 3.2.2023		
31	Details of Lease Area in approved DSR	Letter No'-1033/M.-228/2017(Khanan Neeti)-D.S.R dated		

		31.10.2022 Sr.No ³ -4
32	Proposed CER cost	2% of total project cost i.e. Rs.3.15 Lakhs
33	Proposed EMP cost	13.70 Lakhs
34	Proposed Project cost	1.56 Crore
35	Length and breadth of Haul Road	560 mt Length & 6m width haulage road
36	No. of Trees to be Planted	196 Trees/Year
37	Baseline Monitoring Period	March 2023 to May 2023 (Summer Season)

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

The consultant (EIA Coordinator) also submitted an affidavit dated 17/08/2023 mentioning is as follows:

1. I, Umesh Pratap Singh Chauhan, S/o Late Surya Pal Singh Chauhan am EIA Coordinator of Ind Tech House Consult.
2. I have prepared TOR report for the Proposal (SIA/UP/MIN/431773/2023), Project Name- M/s Shri Ram Enterprises Gitti Boulder (Sandstone) Mining Project at Arajji no. 30/71, Village-Sukrit, Tehsil- Robertsganj, District-Sonbhadra, Uttar Pradesh Area- 1.9829 Ha. with my team
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required submitted along with Application/TOR are true and correct.
5. I certify that this project has been uploaded for this first time on Parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

RESOLUTION AGAINST AGENDA NO. 14

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

Additional TOR:

1. During the EIA presentation latest KML of site pillar should be presented.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.

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

15. Sand/Morrum Mine from Riverbed of Betwa River, at Khand No. 25/21, Village- Ichora Jitkari, Tehsil- Sarila, District- Hamirpur, M/s Digiana Industries, Shri Tejinder Pal Singh Ghumman, Area-17.731 Ha., File No. 7894/ Proposal No. SIA/UP/MIN/429359/2023

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

1. The terms of reference is sought for Sand/Morrum Mine from Riverbed of Betwa River from Khand no.- 25/21, Village – Ichora Jitkari, Tehsil- Sarila, District- Hamirpur, Uttar Pradesh, (Leased Area- 17.731 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/429359/2023
2.	File No. allotted by SEIAA, UP	7894
3.	Name of Proponent	M/s Digiana Industries (Prop. Shri Tejinder Pal Singh Ghumman)
4.	Full correspondence address of proponent and E-mail Id	R/o- 233, Vishnu Puri N.X., Bhawarkua, Indore, Madhya Pradesh E-mail Id- tejinderpalsinghghumman5418@gmail.com

5.	Name of Project	“Sand/Morrum mine” from Riverbed of Betwa River located at Village- Ichori Jitkari, Tehsil- Sarila, District- Hamirpur, Uttar Pradesh developed by M/s Digiana Industries (Prop. Shri Tejinder Pal Singh Ghuman)	
6.	Project Location (Plot.Khasra/Gata No.)	Khand No. 25/21, Village– Ichora Jitkari, Tehsil - Sarila, District - Hamirpur, Uttar Pradesh	
7.	Name of River	Betwa River	
8.	Name of Village	Ichora Jitkari	
9.	Tehsil	Sarila	
10.	District	Hamirpur	
11.	Name of Minor Mineral	Sand/Morrum	
12.	Sanctioned Lease Area (in Ha.)	17.731 ha.	
13.	Max. & Min mRL within lease area	Highest mRL is 130.0 & Lowest is 128.0 mRL	
14.	Pillar Coordinates (Verified by DMO)	Coordinates of the sanctioned lease area-	
		PILLAR NO.	LATITUDE
		A	25°53'32.65"N
		B	25°53'21.39"N
		C	25°53'27.92"N
		D	25°53'37.22"N
			LONGITUDE
			79°32'44.04"E
			79°32'41.20"E
			79°32'22.92"E
			79°32'24.62"E
15.	Total Geological Reserves	5,31,930 m ³	
16.	Total Mineable Reserve (as per Approved Mine Plan)	2,83,661 m ³	
17.	Total Proposed Production	14,18,305 m ³ (in 5 years)	
18.	Proposed Production	2,83,661 m ³ /year	
19.	Sanctioned Period of Mine lease	5 years	
20.	Method of Mining	Opencast, Semi-Mechanized (OTFM)	
21.	Working hours/day	8	
22.	No. of worker	140	
23.	Type of Land	Govt. land/Riverbed	
24.	Ultimate of Depth of Mining	2.0 m	
25.	Nearest metalled road from site	1.1 km	
26.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	1.40 KLD
		Suppression of dust	4.80 KLD
		Plantation	0.80 KLD
		Others (if any)	-
		Total	7.0 KLD
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025	
28.	Any litigation pending against the project or land in any court	No	
29.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no.1845/khanij-M.M.C.-tees-vividh (2022-23) Dated on 04.03.2023	
30.	Baseline data collection period	March to May 2023 (Intimation letter submitted)	
31.	Details of Lease Area in approved DSR	Mentioned in Approved DSR at page no. 66 Sl no. 41	
31.	Proposed CER cost	Rs. 2.58 lakhs	
32.	Proposed EMP cost	EMP cost- 8.0 lakhs as Capital Cost and 5.0 lakhs as Recurring Cost	
33.	Distance of Haul Road	950 m	
34.	No. of Trees to be Planted	400	

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

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

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

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared TOR application report for the Sand/Morrum Mine from Riverbed of Betwa River from Khand no.- 25/21, Village – Ichora Jitkari, Tehsil- Sarila, District- Hamirpur, Uttar Pradesh, (Leased Area- 17.731 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with TOR application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO.15

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

Additional TOR:

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

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

16. Sand/Morrum Mining from Riverbed of Yamuna River located at Gata No.- Part of 96/2 (Khand No.- 03), Village- Marka Khadar, Tehsil- Baberu, District-Banda. Shri Kailash Singh Yadav, Area: 20.00 ha., File No. 8018/Proposal No. SIA/UP/MIN/434312/2023

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

1. The terms of reference is sought for Sand/Morrum Mining from Riverbed of Yamuna River located at Gata No.- Part of 96/2 (Khand No.- 03), Village- Marka Khadar, Tehsil- Baberu, District-Banda, U.P., (Leased Area: 20.00 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/434312/2023
2. File No. allotted by SEIAA, UP	8018
3. Name of Proponent	M/s Pehalwan Traders O.P.C. Pvt. Ltd. Authorized Signatory - Shri Kailash Singh Yadav
4. Full correspondence address of proponent and mobile no.	M/s Pehalwan Traders O.P.C. Pvt. Ltd. Proprietor- Shri Kailash Singh Yadav S/o Shri Ramvrakcha Yadav R/o H.No. 1095, Uphar Eldeco Udhyan-II, P.S.- P.G.I., District-Lucknow, Uttar Pradesh.
5. Name of Project	Sand/Morrum Excavation
6. Project location (Plot/Khasra/Gata No.)	Gata No.- Part of 96/2 (Khand No. 03)
7. Name of River	Yamuna River
8. Name of Village	Marka Khadar
9. Tehsil	Baberu
10. District	Banda
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	20.00 ha
13. Mineable Area (in ha)	20.00 ha

14. Zero level mRL	96 mRL		
15. Max. & Min mRL within lease area	105 mRL and 101 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Pillar	Latitude (N)	Longitude (E)
	A	25°43'28.66"N	80°50'09.78"E
	B	25°43'20.53"N	80°50'28.36"E
	C	25°43'07.45"N	80°50'21.35"E
	D	25°43'11.34"N	80°50'08.50"E
17. Total Geological Reserves	10,00,000 m ³		
18. Total Mineable Reserves in LOI	6,00,000 m ³ /year		
19. Total Proposed Production	6,00,000 m ³ /year (30,00,000 m ³ in 05 years)		
20. Proposed Production/year	6,00,000 m ³		
21. Sanctioned Period of Mine lease	05 years		
22. Production of mine/day	2182 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Chain based Bulldozer for rescue & salvage• Loader• Truck & tractors for transportation		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. of workers	Approximately 60 labours		
27. No. of vehicles movement/day	156 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3.0 m		
30. Nearest metalled road from site	MDR (Marka-Baberu):- 6.0 km (N)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.60	
	Suppression of dust	10.2	
	Plantation	0.20	
	Total	10.0 KLD	
	Others (Stored water)	0.10	
	Sub-Total	11.10 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/2124/RA 0218 and Valid till 26/02/2024.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by District Mines Officer, Banda Letter No. 1167/Khanij-30, Banda dated 05.04.2023		
35. Details of Lease Area in approved DSR	Table No. 22, S. No. 60		
36. Proposed CER cost	2% of total project cost i.e. Rs. 14,71,475/-		
37. Proposed EMP cost/ Total Project Cost	Rs. 44,91,475/- & 7,35,73,750/- respectively		
38. Length and Width of Haul Road	Unpaved Length 1.0 km and 6 m width		
39. No. of Trees to be Planted	400 saplings		
40. Baseline Monitoring period	Pre-monsoon season (1 st March –31 st May, 2023)		

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

7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 16/08/2023 mentioning is as follows:

1. I, Atulesh, S/o Shri Rajnath am EIA Coordinator of M/s ENV Development Assistance Systems (I) Pvt. Ltd.
2. I have prepared TOR report for the Proposal No. SIA/UP/MIN/434312/2023 & File no. 8018 with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application/EIA/EMP presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO.16

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

Additional TOR:

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.

10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
 15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 16. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.
- 17. Discussion on Letter Dated: 31/07/2023 of Dr. Jagdish Gandhi, Founder & Manager of City Montessori School, Lucknow regarding the permission for exemption under EIA Notification, 2006.**

RESOLUTION AGAINST AGENDA NO-17

The Secretariat informed the committee that Dr. Jagdish Gandhi, Founder & Manager of City Montessori School submitted a letter dated 31/07/2023 through which they have requested for exemption from the requirement of environmental clearance for the construction of school building/inter college at plot/khasra no. 104, 106, 206, 1080, 1085-1087, 226-230, 214-2022, API Ansal Sushant City, Lucknow in light of provisions made in MoEF&CC, Govt. of India Notification No. S.O. 3252(E) dated 22/12/2014. The project proponent also submitted a letter dated 17/08/2023 before the SEAC and following project details have been submitted:

1. Total Plot Area : 52,801.30 sqm
2. Total FAR Area : 45,007.33 sqm
3. Total Covered Area : 14,333.03 sqm
4. Total Built-up Area : 58,713.90 sqm

The committee has gone through the letter dated 31/07/2023, 17/08/2023 and MoEF&CC, Govt. of India Notification dated 22/12/2014, wherein the following provisions have been mentioned:

"The project or activities shall not include industrial shed, school, college, hostel for education institution but such building shall ensure sustainable environmental management, solid and liquid waste management, rain water harvesting and may use recycled materials such as fly ash bricks."

The committee observed that the project proposal relates to construction of school building/inter college which falls under category of school/college hence, provisions of exemption given under Notification no. S.O. 3252(E), dated 22/12/2014 shall be applicable in the matter and exemption from requirement of environmental clearance may be granted. The committee has also requested SEIAA to go through the above notification for considering the request of a letter dated 31/07/2023.

The committee also directed the project proponent to ensure sustainable environmental management, solid and liquid waste management, rain water harvesting and use of recycled materials such as fly ash bricks in the construction/operation of the project as stipulated under Notification, dated 22/12/2014 and regular compliance reports should be submitted.

**(Prof. Jaswant Singh)
Member**

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

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

**(Tanzar Ullah Khan)
Member**

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

**(Dr. Harikesh Bahadur Singh)
Chairman**

**(Ashish Tiwari)
Member-Secretary**

Nodal, SEAC-2

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

Annexure-1

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

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. The location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board

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

B. Specific Conditions:

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

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

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

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

General and Specific Conditions for Sand/Morum Mining Proposals

General Conditions:

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

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

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

Specific Conditions:

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

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

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

Annexure-2

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

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

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

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

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

Annexure-3

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

General condition:

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

Specific Conditions:

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

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