

Minutes of 743th SEAC-1 Meeting Dated 26/04/2023

The 743th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 26/04/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 743th SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. Cement Grinding Unit with Cement Production Capacity of 2 x 3.0 Million Metric Tons per Annum (6 MMTPA) at Village- Belwan, Kathinai & Gurkhuli, Tehsil- Sadar, District- Mirzapur, U.P., M/s Ambuja Cements Limited., File No. 7676/ Proposal No. SIA/UP/IND1/420365/2023

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 Ecomen Laboratories 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 Cement Grinding Unit with Cement Production Capacity of 2 x 3.0 Million Metric Tons per Annum (6 MMTPA) at Village- Belwan, Kathinai & Gurkhuli, Tehsil- Sadar, District- Mirzapur, U.P., M/s Ambuja Cements Limited.

2. Site details:

SN	PARTICULARS	DETAILS		
1	S.No in Schedule and Industry Sector	3(b): Cement Plants		
2	Production Capacity	2 x 3.0 Million Metric Tons per Annum (6 MMTPA)		
3	Geo coordinates	Points	Latitude	Longitude
		A	25° 6'31.16"N	82°45'35.44"E
		B	25° 6'39.53"N	82°45'39.02"E
		C	25° 6'27.57"N	82°46'13.02"E
		D	25° 6'22.89"N	82°46'11.13"E
		E	25° 6'16.14"N	82°46'27.83"E
		F	25° 6'12.91"N	82°46'26.58"E
4	Proposed Site/ Land Details	Total Project Area- 36.06 Ha Forest area = Not Applicable Topo sheet no.: 63 K/12 Longitude: 82°45'35.44"E to 82°46'27.83"E and Latitude: 25° 6'12.91"N to 25° 6'39.53"N Village-Belwan, Kathinai & Gurkhuli , Tehsil:Sadar, District: Mirzapur, State-Uttar Pradesh.		
5	Green Belt detail	12.15 Ha		
6	Project Cost	INR 1400 Crores		
7	Manpower Details	Construction	Operation	
		60 people (Permanent	60	people (Permanent

		employment) 2000 people (Temporary / Contractual employment)	employment) 200 people (Temporary / Contractual employment)
8	Details If Project Falls Under The Purview Of A) FCA,1980, B) WLP,1972, C) CRZ, 2011	No No No	
9	CPA/SPA/ESA/ESZ, No IF ANY	No	
10	INTERLINKED PROJECT, IF ANY, WITH STATUS	No	

3. Raw material details:

S. No	Name of Raw material	Quantity (MTPA)	Source & Distance	Mode of Transport	Storage
1	Clinker	5.7	In house / Domestic Plants (Ametha, Bhatapara)~500Km	Rail	Clinker Silo 100000 MT (2X50000 MT)
2	Gypsum	0.48	Natural Gypsum~1200 km; Gypsum generated from FGD ~150 km, Chemical Gypsum ~ 950 km	Combination of two or three modes	Covered Shed 4000 MT
3	Fly ash (Moisture-10%)	2.1	OBRA thermal power station / other Nearby thermal Power plant ~150 km	Road/Rail	Silo 2 x 4000t + Covered Shed-4000 MT
4	Slag	3.9	Jharkhand/WB based steel plant ~600 km	Rail	20000 MT
5	Coal (For HAG)	0.28	Eastern Coal Fields ~ 500Km	Rail	Covered Shed 4000 MT

4. Fuel requirement:

Description	Proposed	Source
Power requirement (MW)	36 MW	Dedicated supply line from nearby sub-station of state electricity board Mirzapur at 132 KV / 66 KV or 33 KV switch yard with suitable step-down transformer, if required.
Diesel (Standby)	80-100l/h for each DG set	To be directly sourced from nearby authorized local retailers as and the required for intermittent consumption for DG Set (2 X 500KVA) as power backup. No storage will be required.

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

RESOLUTION AGAINST AGENDA NO. 01

The committee discussed the matter and recommended to issue standard terms of reference for the preparation of Environment Impact Assessment Report (EIA) regarding the project. The committee also stipulated following additional TOR points:

Additional TOR Point:

- 1) Latest drone videography/survey covering the project area/nearby area with time, date & GPS coordinate.
- 2) NOC/Permission from Irrigation Department.
- 3) Project proponent should conduct social ecological study in the villages within the 05 km radius.
- 4) Project proponent will conduct biological study in core & buffer area of the project site.
- 5) Land conversion documents should be provided at the time of EIA presentation.
- 6) Plantation should be proposed as per Miyawaki method i.e. planting different types of trees at very close intervals which give a good green cover. A total of 33% of the plot area should be designated for green belt which should be raised along the boundaries of the plot with minimum of 03 mt width along the periphery in organized manner.

- 7) Layout plan which showing the processing unit, storage of raw material alongwith product storage yard etc.
- 8) Plan for transportation of raw material from source to unit.
- 9) Wind rose diagram, location of monitoring station and period of monitoring should be provided.

Standard terms of reference:

- 1) Executive Summary.
- 2) Introduction:
 - i. Details of the EIA Consultant including NABET accreditation
 - ii. Information about the project proponent
 - iii. Importance and benefits of the project
- 3) Project Description
 - i. Cost of project and time of completion.
 - ii. Products with capacities for the proposed project.
 - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
 - iv. List of raw materials required and their source along with mode of transportation.
 - v. Other chemicals and materials required with quantities and storage capacities
 - vi. Details of Emission, effluents, hazardous waste generation and their management.
 - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
 - viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
 - ix. Hazard identification and details of proposed safety systems.
 - x. Expansion/modernization proposals:
 - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 06 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.
- 4) Site Details
 - i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
 - ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
 - iii. Details w.r.t. option analysis for selection of site
 - iv. Co-ordinates (lat-long) of all four corners of the site.
 - v. Google map-Earth downloaded of the project site.
 - vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
 - vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.

- viii. Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
 - ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
 - x. Geological features and Geo-hydrological status of the study area shall be included.
 - xi. Details of Drainage of the project up to 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
 - xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
 - xiii. R&R details in respect of land in line with state Government policy
- 5) Forest and wildlife related issues (if applicable):
- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
 - ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
 - iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
 - iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
 - v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area
 - vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife
- 6) Environmental Status:
- i. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
 - ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO₂, NO_x, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
 - iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
 - iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
 - v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
 - vi. Ground water monitoring at minimum at 8 locations shall be included.
 - vii. Noise levels monitoring at 8 locations within the study area.
 - viii. Soil Characteristic as per CPCB guidelines.
 - ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
 - x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area

shall be given with special reference to rare, endemic and endangered species. If Schedule- I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.

- xi. Socio-economic status of the study area.
- 7) Impact and Environment Management Plan
 - i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modeling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modeling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
 - ii. Water Quality modeling - in case of discharge in water body
 - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum-rail transport shall be examined.
 - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
 - v. Details of stack emission and action plan for control of emissions to meet standards.
 - vi. Measures for fugitive emission control
 - vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
 - viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
 - ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
 - x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
 - xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
 - xii. Action plan for post-project environmental monitoring shall be submitted.
 - xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.
- 8) Occupational health:
 - i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
 - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, color vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.

- iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
 - iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
- 9) Corporate Environment Policy:
- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
 - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
 - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
 - iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 11) Corporate Environmental Responsibility (CER):
- i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
 - ii. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
 - iii. A tabular chart with index for point wise compliance of above TOR.
- 12) Limestone and coal linkage documents along with the status of environmental clearance of limestone and coal mines
- 13) Quantum of production of coal and limestone from coal & limestone mines and the projects they cater to;
- 14) For large Cement Units, a 3-D view i.e. DEM (Digital Elevation Model) for the area in 10 km radius from the proposal site.
- 15) Present land use shall be prepared based on satellite imagery. High-resolution satellite image data having 1m-5m spatial resolution like quick bird, Ikonos, IRS P-6 pan sharpened etc. for the 10 Km radius area from proposed site. The same shall be used for land used/land-cover mapping of the area.
- 16) If the raw materials used have trace elements, an environment management plan shall also be included.
- 17) Plan for the implementation of the recommendations made for the cement plants in the CREP guidelines must be prepared.
- 18) Energy consumption per ton of clinker and cement grinding
- 19) Provision of waste heat recovery boiler
- 20) Arrangement for use of hazardous waste

2. “Ordinary Sand Mining” Project at Gata No.- 620, 634, Village- Sankraudh Khadar, Tehsil- Khekda, District- Baghpat, Shri Dharmi Chand Sharma, Area : 7.0 ha., M/s Smart Mart Stores Pvt. Ltd., File No. 7685/ Proposal No. SIA/UP/MIN/421079/2023

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

1. The terms of reference is sought for “Ordinary Sand Mining” Project at Gata No.- 620, 634, Village- Sankraudh Khadar, Tehsil- Khekda, District- Baghpat, U.P. (Leased Area : 7.0 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/421079/2023		
2.	File No. allotted by SEIAA, UP	7685		
3.	Name of Proponent	Smart Mart Stores Private Limited Shri Dharmi Chand Sharma S/O Shri Shyamlal Sharma		
4.	Full correspondence address of proponent and mobile no.	R/o- Add.– A-1/1, Hardev Puri 100 Ft. Road, Nathu Colony Chowk, Shahdara, New Delhi, 110032		
5.	Name of Project	Ordinary Sand Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 620, 634		
7.	Name of River	Yamuna		
8.	Name of Village	Sankraudh Khadar		
9.	Tehsil	Khekda		
10.	District	Baghpat		
11.	Name of Minor Mineral	Ordinary Sand		
12.	Sanctioned LeaseArea (inHa.)	7.0 ha.		
13.	Max.&Min mrl within lease area	213.0 mRL- 211.0 mRL		
14.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	28°51'26.23"N	77°12'38.43"E
		B	28°51'03.67"N	77°12'44.87"E
		C	28°51'03.05"N	77°12'42.75"E
		D	28°51'24.53"N	77°12'33.69"E
15.	Total Geological Reserves	238000 m ³		
16.	Total Mineable Reserves	142800 m ³		
17.	Total Proposed Production (in six month)	140000 m ³		
18.	Proposed Production / six month	140000 m ³		
19.	Sanctioned Period of Mine lease	Six Month		
20.	Method of Mining	Opencast Semi-Mechanized		
21.	No.Of workers	36 (average)		
22.	Type of Land	River Bed Govt. Land		
23.	Ultimate Depth of Mining	2.30 meter (average)		
24.	Nearest metalled road from site	1.50 km		
25.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking& Others	0.50	
		Suppression of dust	4.50	
		Plantation	3.50	
		Others(if any)	-----	
		Total	8.50	
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024		
27.	Any litigation pending against the project or	No		

	land in any court	
28.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Bagpat vide Letter No. 431/Kha.Li./2022-23 Dated 09, February 2023
29.	Details of Lease Area in approved DSR	DSR Letter 1426/M-228/2017(Khanan Niti)-D.S.R. dated 05.01.2023
30.	Proposed CER cost	1.25 Lakh
31.	Proposed EMP cost	23.65 Lakh
32.	Length and breadth of Haul Road.	Length- 1.50 km, Width- more than 6.0 m
33.	No. of Trees to be Planted	7000

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 01/03/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepared EIA report for EC in the name of Smart Mart Stores Private Limited, Pro.- Shri Dharmi Chand Sharma S/o Shri Shyamlal Sharma & Shri Indra Chand Sharma S/o Shri Bhoormal Sharma for the “Ordinary Sand Mining” Project at Gata No.- 620, 634, Village- Sankraudh Khadar, Tehsil- Khekda, District- Baghpat, U.P. (Leased Area : 7.0 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with the proposal are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 02

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 of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.

4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
 5. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
 6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
 7. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
 8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 12. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 13. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 15. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
 16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 17. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.
3. **“Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 332 (KhandNo.- 04), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, Smt. Shikha Saxena, M/s Maa Vaishno Suppliers, Area : 2.00 ha., File No. 7686/ Proposal No. SIA/UP/MIN/421103/2023**

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

1. The terms of reference is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No. 332 (Khand No. 04), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, U.P. (Leased Area- 2.00 ha.), M/s Maa Vaishno Suppliers.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/421103/2023		
2.	File No. allotted by SEIAA, UP	7686		
3.	Name of Proponent	M/s Maa Vaishno Suppliers, Smt. Shikha Saxena W/o Shri Manish Saxena		
4.	Full correspondence address of proponent	R/o- Pastaur Gali, Gandhi Nagar, Tehsil & District- Mahoba, U.P.		
5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 332 (Khand No.- 04)		
7.	Name of Village	Kurauradang		
8.	Tehsil	Charkhari		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	2.00 ha.		
12.	Max.& Min mRL within lease area	196 mRL- 178 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 22' 51.83"N	79° 47' 58.66"E
		B	25° 22' 49.98"N	79° 48' 04.31"E
		C	25° 22' 45.98"N	79° 48' 02.49"E
		D	25° 22' 47.64"N	79° 47' 57.75"E
14.	Total Geological Reserves	2234466 m ³		
15.	Total Mineable Reserves	570520 m ³		
16.	Total Proposed Production (in five year)	320000 m ³		
17.	Proposed Production / year	64000 m ³		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.of working days	300 days		
21.	Working hours/day	8 Hours/Day		
22.	No.Of workers	37 (approx.)		
23.	Type of Land	Govt. revenue land		
24.	Ultimate Depth of Mining	6 meter (average)		
25.	Nearest metalled road from site	300m		
26.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	1.80	
		Plantation	2.00	
		Others(if any)	-----	
		Total	4.20	
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024		
28.	Any litigation pending against the project or land in any court	No		
29.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 2799/MMC-30/2022-23, Dated 16 th January, 2023		
30.	Details of Lease Area in approved DSR	Sudhi Patra No.-705/MMC-30-Khanij/2022-23, Dated 08-06-2022 at Page No.-02, S.No.- 22		
31.	Proposed CER cost	1.45 Lakh		
32.	Proposed EMP cost	EMP in First Year – 13.85 Lakh EMP (Recurring Years) – 7.10 Lakh		
33.	Length and breadth of Haul Road.	Length- 300m, Width- more than 6.0 m		
34.	No. of Trees to be Planted	2000		

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 01/03/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepared EIA report for EC in the name of M/s Maa Vaishno Suppliers, Prop.- Smt. Shikha Saxena W/o Shri Manish Saxena for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Araj No.- 332 (Khand No.- 04), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, U.P. (Applied Area : 2.0 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 03

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. Original Cluster Certificate should be submitted 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 photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
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.

4. "Building Stone (Granite Khanda, Boulder, Bailast (Gitti))" Project at Gata No.- 213 (KhandNo.- 03), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, Shri Kapil Maheshwari, Area : 2.024 ha., File No. 7687/Proposal No. SIA/UP/MIN/421023/2023

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

1. The terms of reference is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 213 (Khand No.- 03), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, U.P. (Leased Area- 2.024 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/421023/2023															
2.	File No. allotted by SEIAA, UP	7687															
3.	Name of Proponent	Shri Kapil Maheshwari S/o Shri Chandraprakash															
4.	Full correspondence address of proponent	R/o- H.No. 163, Mohalla -Kotbazar, Rath, District- Hamirpur, U.P.															
5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project															
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 213 (Khand No.- 03)															
7.	Name of Village	Kurauradang															
8.	Tehsil	Charkhari															
9.	District	Mahoba															
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))															
11.	Sanctioned Lease Area (in Ha.)	2.024 ha.															
12.	Max.& Min mRL within lease area	199 mRL- 182 mRL															
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 23' 21.60"N</td><td>79° 47' 03.44"E</td></tr> <tr> <td>B</td><td>25° 23' 19.30"N</td><td>79° 47' 08.01"E</td></tr> <tr> <td>C</td><td>25° 23' 15.97"N</td><td>79° 47' 04.28"E</td></tr> <tr> <td>D</td><td>25° 23' 18.34"N</td><td>79° 46' 59.93"E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	25° 23' 21.60"N	79° 47' 03.44"E	B	25° 23' 19.30"N	79° 47' 08.01"E	C	25° 23' 15.97"N	79° 47' 04.28"E	D	25° 23' 18.34"N	79° 46' 59.93"E
Pillars	Latitude (N)	Longitude (E)															
A	25° 23' 21.60"N	79° 47' 03.44"E															
B	25° 23' 19.30"N	79° 47' 08.01"E															
C	25° 23' 15.97"N	79° 47' 04.28"E															
D	25° 23' 18.34"N	79° 46' 59.93"E															
14.	Total Geological Reserves	2293572 m ³															
15.	Total Mineable Reserves	503989 m ³															

16.	Total Proposed Production (in five year)	323840 m ³	
17.	Proposed Production / year	64768 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.	Ultimate Depth of Mining	6 meter (average)	
23.	Nearest metalled road from site	400m	
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	2.40
		Plantation	3.00
		Others(if any)	-----
		Total	5.80
25.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024	
26.	Any litigation pending against the project or land in any court	No	
27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 2814/MMC-30/2022-23, Dated 17 th January, 2023	
28.	Details of Lease Area in approved DSR	Sudhi Patra No.-705/MMC-30-Khanij/2022-23, Dated 08-06-2022 at Page No.-02, S.No.- 24	
29.	Proposed CER cost	1.45 Lakh	
30.	Proposed EMP cost	EMP in First Year – 16.15 Lakh EMP (Recurring Years) – 7.10 Lakh	
31.	Length and breadth of Haul Road.	Length- 400m, Width- more than 6.0 m	
32.	No. of Trees to be Planted	3000	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 01/03/2023 mentioning is as follows:

- I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
- I will prepared EIA report for EC in the name of Shri Kapil Maheshwari S/o Shri Chandraprakash for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Araj No.- 213 (Khand No.- 03), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, U.P. (Applied Area : 2.024 ha.) with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivash Portal.
- I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.

7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 04

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

Additional TOR:

1. Original Cluster Certificate should be submitted 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 photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
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.

5. “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 213 (KhandNo.- 04), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, Shri Varun Maheshwari, Area : 2.024 ha., File No. 7688/ Proposal No. SIA/UP/MIN/421031/2023

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

1. The terms of reference is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 213 (Khand No.- 04), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, U.P. (Leased Area- 2.024 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/421031/2023		
2.	File No. allotted by SEIAA, UP	7688		
3.	Name of Proponent	Shri Varun Maheshwari S/o Shri Chandraprakash Maheshwari		
4.	Full correspondence address of proponent	R/o- H.No. 163, Mohalla -Kotbazar, Tehsil- Rath, District- Hamirpur, U.P.		
5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 213 (Khand No.- 04)		
7.	Name of Village	Kurauradang		
8.	Tehsil	Charkhari		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	2.024 ha.		
12.	Max.& Min mRL within lease area	209 mRL- 182 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 23' 19.31"N	79° 47' 08.01"E
		B	25° 23' 15.90"N	79° 47' 11.98"E
		C	25° 23' 13.14"N	79° 47' 09.47"E
		D	25° 23' 15.97"N	79° 47' 04.28"E
14.	Total Geological Reserves	2418866 m ³		
15.	Total Mineable Reserves	498837 m ³		
16.	Total Proposed Production (in five year)	323840 m ³		
17.	Proposed Production / year	64768 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.	Ultimate Depth of Mining	6 meter (average)		
23.	Nearest metalled road from site	400m		
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	2.40	
		Plantation	3.00	
		Others(if any)	-----	
		Total	5.80	
25.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024		
26.	Any litigation pending against the project or	No		

	land in any court	
27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 2813/MMC-30/2022-23, Dated 17 th January, 2023
28.	Details of Lease Area in approved DSR	Sudhi Patra No.-705/MMC-30-Khanij/2022-23, Dated 08-06-2022 at Page No.-02, S.No.- 25
29.	Proposed CER cost	1.45 Lakh
30.	Proposed EMP cost	EMP in First Year – 16.155 Lakh EMP (Recurring Years) – 7.10 Lakh
31.	Length and breadth of Haul Road.	Length- 300m, Width- more than 6.0 m
32.	No. of Trees to be Planted	3000

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 01/03/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepared EIA report for EC in the name of Shri Varun Maheshwari S/o Shri Chandra Prakash Maheshwari for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Araj No.- 213 (Khand No.- 04), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, U.P. (Applied Area : 2.024 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

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. Original Cluster Certificate should be submitted 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 photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
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.

6. “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 213 (Khand No.- 02), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, Shri Rohit Singh, Area : 2.024 ha., File No. 7689/ Proposal No. SIA/UP/MIN/421021/2023

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

1. The terms of reference is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 213 (Khand No.- 02), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba , U.P. (Leased Area- 2.024 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/421021/2023
2.	File No. allotted by SEIAA, UP	7689
3.	Name of Proponent	Shri Rohit Singh S/o Shri Brajnandan Singh
4.	Full correspondence address of proponent	R/o- 25 Kh, Village- Saidpur, Thana Rath, District- Hamirpur, U.P.
5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project

6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 213 (Khand No.- 02)		
7.	Name of Village	Kurauradang		
8.	Tehsil	Charkhari		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	2.024 ha.		
12.	Max.& Min mRL within lease area	215 mRL- 185 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 23' 18.34"N	79° 46' 59.94"E
		B	25° 23' 15.97"N	79° 47' 04.28"E
		C	25° 23' 12.02"N	79° 47' 01.08"E
		D	25° 23' 14.47"N	79° 46' 57.21"E
14.	Total Geological Reserves	2532251 m ³		
15.	Total Mineable Reserves	570296 m ³		
16.	Total Proposed Production (in five year)	323840 m ³		
17.	Proposed Production / year	64768 m ³		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.of working days	300 days		
21.	Working hours/day	8 Hours/Day		
22.	No.Of workers	37 (approx.)		
23.	Type of Land	Govt. revenue land		
24.	Ultimate Depth of Mining	6 meter (average)		
25.	Nearest metalled road from site	400m		
26.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking & Others		0.40
		Suppression of dust		2.40
		Plantation		3.00
		Others(if any)		-----
		Total		5.80
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024		
28.	Any litigation pending against the project or land in any court	No		
29.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 2812/MMC-30/2022-23, Dated 17 th Jan, 2023		
30.	Details of Lease Area in approved DSR	Sudhi Patra No.-705/MMC-30-Khanij/2022-23, Dated 08-06-2022 at Page No.-02, S.No.- 23		
31.	Proposed CER cost	1.45 Lakh		
32.	Proposed EMP cost	EMP in First Year – 16.15 Lakh EMP (Recurring Years) – 7.10 Lakh		
33.	Length and breadth of Haul Road.	Length- 400m, Width- more than 6.0 m		
34.	No. of Trees to be Planted	3000		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 01/03/2023 mentioning is

as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepared EIA report for EC in the name of Shri Rohit Singh S/o Shri Brajnandan Singh for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Araj No.- 213 (Khand No.- 02), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, U.P. (Applied Area : 2.024 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 06

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. Original Cluster Certificate should be submitted 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 photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
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 Parivash 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.

7. “Silica Sand Mining Project” at Araj No’s.- 875, Part of 738, Part of 758, Part of 801, Part of 873, 802 Mi, Part of 800 Mi, Part of 870Mi, 730, 748, 749, 750, 751, 752, 753, 803, 804, 805, 806, 807, 808,809, 885, 886, 887, 879, Part of 876, 894, Part of 895, Part of 729, Part of 731,Part of 736, Part of 737, Part of 746, Part of 747, Part of 754, Part of 759, Part of 760, Part of 810, Part of 811, Part of 871, Part of 874, Part of 880, Part of 881, Part of 882, Part of 883, Part of 888, Part of 734, Part of 893, Part of 719, 877,878, 884 , Village – Chhatehara Ghurehatha (Block - 1), Tehsil- Bara, District- Prayagraj, Shri Santhosh Mendon, Area-36.884 Ha., File No. 7694/ Proposal No. SIA/UP/MIN/421639/2023

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 Silica Sand Mining project at Gata No’- 875, Part of 738, Part of 758, Part of 801, Part of 873, 802 Mi, Part of 800 Mi, Part of 870Mi, 730, 748, 749, 750, 751, 752, 753, 803, 804, 805, 806, 807, 808,809, 885, 886, 887, 879, Part of 876, 894, Part of 895, Part of 729, Part of 731,Part of 736, Part of 737, Part of 746, Part of 747, Part of 754, Part of 759, Part of 760, Part of 810, Part of 811, Part of 871, Part of 874, Part of 880, Part of 881, Part of 882, Part of 883, Part of 888, Part of 734, Part of 893, Part of 719, 877,878, 884. in Village- Chhatehara Ghurehatha (Block -1), Tehsil- Bara, District- Prayagraj, Uttar Pradesh, (Leased Area of 36.884 Ha.), M/s Hari Mandir Mineral Traders.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/421639/2023
2. File No. allotted by SEIAA, UP	7694
3. Name of Proponent	Shri. Santhosh Mendon
4. Full correspondence address of proponent and mobile no.	Partner-Shri. Santhosh Mendon, R/o- T1-1d, Rudra Enclave, Dhanua, Naini, Prayagraj, U.P
5. Name of Project	Silica Sand Mining project named M/s Hari Mandir Mineral Traders
6. Project location (Plot/Khasra/Gata No. / Araj No’/ Khand No.)	Gata No’-875, Part of 738, Part of 758, Part of 801, Part of 873, 802 Mi, Part of 800 Mi, Part of 870Mi, 730, 748, 749, 750, 751, 752, 753, 803, 804, 805, 806, 807, 808,809, 885, 886, 887, 879, Part of 876, 894, Part of 895, Part of 729, Part of 731,Part of 736, Part of 737, Part of 746, Part of 747, Part of 754, Part of 759, Part of 760, Part of 810, Part of 811, Part of 871, Part of 874, Part of 880, Part of 881, Part of 882, Part of 883, Part of 888, Part of 734, Part of 893, Part of 719, 877,878, 884
7. Name of Village	Chhatehara Ghurehatha (Block -1)

8. Tehsil	Bara		
9. District	Prayagraj (U.P.)		
10. Name of Minor Mineral	Silica Sand		
11. Sanctioned Lease Area (in Ha.)	36.884 Ha		
12. Max. & Min mrl within lease area	Maximum & Minimum mRL is 123.5 mRL & 96.0 mRL respectively.		
13. Pillar Coordinates (Verified by DMO)	PILLER NO.	LATITUDE	LONGITUDE
	A	25°18'26.986"N	81°40'16.427"E
	B'	25°18'19.540"N	81°40'31.210"E
	I'	25°18'09.870"N	81°40'27.890"E
	I	25°18'05.690"N	81°40'24.291"E
	J	25°17'50.937"N	81°40'16.633"E
	K	25°17'54.416"N	81°40'05.325"E
	L	25°18'16.136"N	81°40'14.765"E
M	25°18'18.241"N	81°40'19.135"E	
14. Total Geological Reserves	1,47,92,770 m ³		
15. Total Mineable Reserve in LOI	116107 m ³ per year		
16. Proposed Production/year	116107 m ³ per year		
17. Sanctioned Period of Mine lease	30 Years		
18. Method of Mining	Open cast Manual/ Semi Mechanized Mining		
19. No. of working days	300		
20. Working hours/day	8 hours/day		
21. No. of workers	Approximately 35 workers		
22. No. of vehicles movement/day	43 Vehicles movement/day		
23. Type of Land	Private & Government Land		
24. Ultimate Depth of Mining	18.0 m		
25. Nearest metalled road from site	1.0 km		
26. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.35 KLD	
	Suppression of dust	3.0 KLD	
	Plantation	1.22 KLD	
	Others (if any)	-	
	Total	4.57 KLD (Approx. 4.60 KLD)	
27. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult Certificate No- NABET/EIA/2023/SA 0174/Rev. 01 Period of Validity- 29-4-2023		
28. Any litigation pending against the project or land in any court	No		
29. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 3180/Khanij/2022-23, Dated 28/02 /2023		
30. Details of Lease Area in approved DSR	Page No -06 /M 228/2017 Khanan Niti -D.S.R dated 1.4.2021		
31. Proposed EMP cost	Rs. 19.66 Lakhs		
32. Proposed Total Project cost	Rs. 3.46 Crore		
33. Length and breadth of Haul Road	500 m length and 6.0 m width		
34. No. of Trees to be Planted	610 Trees		
35. Monitoring Period	March 2023 to May 2023 (Summer Season)		

- 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.

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 25/04/2023 mentioning is as follows:

1. I, Umesh Pratap Singh Chauhan, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Ind Tech House Consult.
2. I have prepared TOR report for the proposal (SIA/UP/MIN/421639/2023) project name: Silica Sand Mining project at Gata No'- 875, Part of 738, Part of 758, Part of 801, Part of 873, 802 Mi, Part of 800 Mi, Part of 870Mi, 730, 748, 749, 750, 751, 752, 753, 803, 804, 805, 806, 807, 808,809, 885, 886, 887, 879, Part of 876, 894, Part of 895, Part of 729, Part of 731,Part of 736, Part of 737, Part of 746, Part of 747, Part of 754, Part of 759, Part of 760, Part of 810, Part of 811, Part of 871, Part of 874, Part of 880, Part of 881, Part of 882, Part of 883, Part of 888, Part of 734, Part of 893, Part of 719, 877,878, 884. in Village- Chhatehara Ghurehatha (Block -1), Tehsil- Bara, District- Prayagraj, Uttar Pradesh, (Leased Area of 36.884 Ha.), M/s Hari Mandir Mineral Traders with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for TOR project are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The TOR report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 07

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. PP should prepare a concrete plan regarding environmental/social workers in the villages within the 05 km radius of the project site.
2. Project proponent should present latest drone videography of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
3. Original Cluster Certificate should be submitted at the time of EIA presentation.
4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
5. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.

7. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
12. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
13. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
15. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

8. Riverbed “Ordinary Sand Mining” on the riverbed of Yamuna River at Gata No.706, Village- Kotana Khadar, Tehsil - Baraut, District - Baghpat, Shri Dayachand Bargoti, M/s Royal Construction, Area 12.245 ha.,File No. 7696/ Proposal No. SIA/UP/MIN/420993/2023

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

1. The terms of reference is sought for Kotana Khadar Ordinary Sand mining project on Riverbed of Yamuna River, in Village- Kotana Khadar, Tehsil- Baraut, and District: Baghpat, State- Uttar Pradesh, (Leased Area : 12.245 ha), M/S Royal Construction Company.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/420993/2023
2.	File No. allotted by SEIAA, UP	7696
3.	Name of Proponent	M/S Royal Construction Company, Prop. Shri Dayachand Bargoti
4.	Full correspondence address of proponent and mobile No.	R/o M.No. 5, Nai Break Point Restaurant, Bhur Chauraha k pass, Yamunapur, District- Bulandshahar (U.P.)
		Mobile No-
		Email-
5.	Name of Project	Kotana Khadar Ordinary Sand mining project on Riverbed of Yamuna River
6.	Project location (Plot/Khasra/Gata No.)	Gata No. 706
7.	Name of River	Yamuna River
8.	Name of Village	Kotana Khadar
9.	Tehsil	Baraut
10.	District	Baghpat

11. Name of Minor Mineral	Ordinary Sand		
12. Sanctioned Lease Area (in Ha.)	12.245 ha		
13. Max & Min mRL within lease area	Max- 220.0 mRL & 219.0 mRL		
14. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	29°6'16.40"N	77°8'22.70"E
	B	29°6'14.50"N	77°8'32.50"E
	C	29°6'33.90"N	77°8'36.10"E
	D	29°6'30.30"N	77°8'27.90"E
15. Total Geological Reserves	4,71,406 Cum		
16. Total Mineable Reserves in LOI	2,75,500 Cum/year		
17. Total Proposed Production	2,75,500 Cum/year		
18. Proposed Production/year	2,75,500 Cum		
19. Sanctioned Period of Mine lease	05 years		
20. Method of Mining	Open Cast Semi-mechanized Method		
21. No. of working days	260 days		
22. Working hours/day	8 hrs		
23. No. of workers	58		
24. No. of vehicles movement/day	80		
25. Type of Land	Government land		
26. Ultimate Depth of Mining	2.54		
27. Nearest metalled road from site	1.60 km (approx)		
28. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.58
	Suppression of dust		4.8
	Plantation		12.0
	Others (if any)		0.58
	Total		17.96
29. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. 1922, validity= 10, September 2023		
30. Any litigation pending against the project or land in any court	No		
31. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified		
32. Details of Lease Area in approved DSR	Yes, given in the DSR		
33. Proposed CER cost/year	Rs 1,80,000/-		
34. Proposed EMP cost/year	Recurring Cost- 5,88,000/-		
35. Length and breadth of Haul Road	Length: 400 m, width: 6 m		
36. No. of Trees to be Planted	12000 plants		

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

The project proponent also submitted a letter dated 02/03/2023 which was received in Directorate on 03/03/2023 through which they have informed that the collection of baseline monitoring data for the said project has already been started for pre-monsoon season (01 March 2023 to 31 May, 2023) as per provision of MoEFCC, OM dated 08/06/2022.

The consultant (EIA Coordinator) also submitted an affidavit dated 06/03/2023 mentioning is

as follows:

1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
2. I have prepared TOR report for the proposal (SIA/UP/MIN/420993/2023), File No. 7696 of Riverbed “Ordinary Sand Mining” on the riverbed of Yamuna River at Gata No.706, Village-Kotana Khadar, Tehsil - Baraut, District - Baghpat, Shri Dayachand Bargoti, M/s Royal Construction, Area 12.245 ha. with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for TOR project are true and correct.
5. This project was earlier uploaded on Parivash with Proposal No. SIA/UP/MIN/420892/2023 and File No. 7678, but due to changes in proposal we have again submitted the project.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The TOR report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 08

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

Additional TOR:

1. The consultant should collect the baseline monitoring data for the period of pre-monsoon season (March to May, 2023) for the preparation of draft EIA report as per intimation letter.
2. Project proponent should present latest drone videography of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
3. Original Cluster Certificate should be submitted at the time of EIA presentation.
4. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
5. 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.
6. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
7. 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.
8. 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.
9. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivash Portal.
10. Combined KML of all mines in a cluster should be submitted at the time of EIA.

11. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
18. 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.

9. “Granite Gitti, Khanda/ Boulder” Project at Gata No./ Khand No.- 1078 / 17, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, Shri Rasmeet Singh, M/s Reva Sugar Industries Pvt. Ltd., Area : 1.6200 ha., File No. 7697/ Proposal No. SIA/UP/MIN/421683/2023

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

1. The terms of reference is sought for Granite Gitti, Khanda/ Boulder Mining at Gata No./ Khand No.- 1078 / 17, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P. (Leased Area- 1.6200 ha.), M/s Reva Sugar Industries Pvt. Ltd.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/421683/2023															
2.	File No. allotted by SEIAA, UP	7697															
3.	Name of Proponent	M/s Reva Sugar Industries Pvt. Ltd., Director- Shri Rasmeet Singh Malhotra															
4.	Full correspondence address of proponent	Add.- Village- Tumda, Tehsil- Saikheda, District- Narsinghpur, M.P.															
5.	Name of Project	Granite Gitti, Khanda/ Boulder Mining Project															
6.	Project location (Plot/ Khasra /Gata No.)	Gata No./ Khand No.- 1078 / 17															
7.	Name of Village	Gonda															
8.	Tehsil	Karwi															
9.	District	Chitrakoot															
10.	Name of Minor Mineral	Granite Gitti, Khanda/ Boulder															
11.	Sanctioned Lease Area (in Ha.)	1.6200 ha.															
12.	Max.& Min mRL within lease area	264 mRL- 242 mRL															
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 11.939'N</td><td>80° 44.367'E</td></tr> <tr> <td>B</td><td>25° 11.904'N</td><td>80° 44.395'E</td></tr> <tr> <td>C</td><td>25° 11.827'N</td><td>80° 44.338'E</td></tr> <tr> <td>D</td><td>25° 11.858'N</td><td>80° 44.295'E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	25° 11.939'N	80° 44.367'E	B	25° 11.904'N	80° 44.395'E	C	25° 11.827'N	80° 44.338'E	D	25° 11.858'N	80° 44.295'E
Pillars	Latitude (N)	Longitude (E)															
A	25° 11.939'N	80° 44.367'E															
B	25° 11.904'N	80° 44.395'E															
C	25° 11.827'N	80° 44.338'E															
D	25° 11.858'N	80° 44.295'E															
14.	Total Geological Reserves	2544682 m ³															
15.	Total Mineable Reserves	311146 m ³															

16.	Total Proposed Production (in five year)	202500 m ³	
17.	Proposed Production / year	40500 m ³	
18.	Sanctioned Period of Mine lease	20 Years (Max.)	
19.	Method of Mining	Opencast Semi-Mechanized	
20.	No.Of workers	35 (approx.)	
21.	Type of Land	Govt. revenue land	
22.	Ultimate Depth of Mining	8.0 meter (average)	
23.	Nearest metalled road from site	200m	
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	1.20
		Plantation	2.00
		Total	3.60
25.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024	
26.	Any litigation pending against the project or land in any court	No	
27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Chitrakoot (Khanan Anubhag) vide Letter No. 93/Khanij/2022-23, Dated 18 th April, 2022	
28.	Details of Lease Area in approved DSR	Sudhi Patra No.-1610/Khanij/2023-24, Dated 19-04-2023	
29.	Proposed CER cost	1.35 Lakh	
30.	Proposed EMP cost	EMP in First Year - 13.45 Lakh EMP (Recurring Years) – 6.70 Lakh	
31.	Length and breadth of Haul Road.	Length- 200m, Width- more than 6.0 m	
32.	No. of Trees to be Planted	2000	
33.	Monitoring Period	Dec. 22 to Feb.2023	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 10/03/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepared EIA report for EC in the name of M/s Reva Sugar Industries Pvt. Ltd., Directors- Shri Rasmeet Singh Malhotra for the “Building Stone (Khanda/ Gitti/ Boulder/ Pahadi Red Morrum)” Project at Gata No.- 1078 (Khand No.- 17), Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P. (Applied Area : 1.620 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.

6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 09

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

Additional TOR:

1. Original Cluster Certificate should be submitted 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 photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
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 Parivash 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.

10. “Granite Gitti, Khanda/ Boulder” Project at Gata No./ Khand No.- 1078 / 16, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, Area: 2.0240 ha., Shri Rasmeet Singh, M/s R.S.H.S.M. Commerce Pvt. Ltd., File No. 7698/ Proposal No. SIA/UP/MIN/421677/2023

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

1. The terms of reference is sought for Granite Gitti, Khanda/ Boulder Mining at Gata No./ Khand No.- 1078 / 16, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P. (Leased Area- 2.0240 ha.), M/s R.S.H.S.M. Commerce Pvt. Ltd.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/421677/2023	
2.	File No. allotted by SEIAA, UP	7698	
3.	Name of Proponent	M/s R.S.H.S.M. Commerce Pvt. Ltd., Director- Shri Rasmeet Singh Malhotra S/o Shri Ajeet Singh Malhotra	
4.	Full correspondence address of proponent	Add.- Near Alka Talkies, Neharu Ward, Post- Pipriya, District- Hoshangabad, M.P. (461775)	
5.	Name of Project	Granite Gitti, Khanda/ Boulder Mining Project	
6.	Project location (Plot/ Khasra /Gata No.)	Gata No./ Khand No.- 1078 / 16	
7.	Name of Village	Gonda	
8.	Tehsil	Karwi	
9.	District	Chitrakoot	
10.	Name of Minor Mineral	Granite Gitti, Khanda/ Boulder	
11.	Sanctioned Lease Area (in Ha.)	2.0240 ha.	
12.	Max.& Min mRL within lease area	288 mRL- 258 mRL	
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N) Longitude (E)
		A	25° 11.987' N 80° 44.326' E
		B	25° 11.939' N 80° 44.367' E
		C	25° 11.858' N 80° 44.295' E
		D	25° 11.886' N 80° 44.249' E
14.	Total Geological Reserves	3834794 m ³	
15.	Total Mineable Reserves	679932 m ³	
16.	Total Proposed Production (in five year)	303600 m ³	
17.	Proposed Production / year	60720 m ³	
18.	Sanctioned Period of Mine lease	10 Years or Maximum 20 Years	
19.	Method of Mining	Opencast Semi-Mechanized	
20.	No.Of workers	35 (approx.)	
21.	Type of Land	Govt. revenue land	
22.	Ultimate Depth of Mining	24.0 meter (average)	
23.	Nearest metalled road from site	200m	
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	1.20
		Plantation	3.00
		Total	4.60
25.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh Servicing Environment and Development, Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024	
26.	Any litigation pending against the project or land in any court	No	

27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Chitrakoot vide Letter No. 1051/Khanij/2022-23, Dated 04.01.2022
28.	Details of Lease Area in approved DSR	Sudhi Patra No.-1307/Khanij/2022-23, Dated 23-02-2023
29.	Proposed CER cost	1.40 Lakh
30.	Proposed EMP cost	EMP in First Year - 16.10 Lakh EMP (Recurring Years) – 7.05 Lakh
31.	Length and breadth of Haul Road.	Length- 200m, Width- more than 6.0 m
32.	No. of Trees to be Planted	3000
33.	Monitoring Period	Dec. 22 to Feb.2023

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

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

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepared EIA report for EC in the name of M/S R.S.H.S.M. COMMERCE PVT. LTD., Director- Shri Rasmeet Singh Malhotra S/o Shri Ajit Singh Malhotra for the “Granite Gitti, Khanda/ Boulder” Project at Gata No.- 1078 (Khand No.- 16), Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P. (Applied Area : 2.024 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 10

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

Additional TOR:

1. Original Cluster Certificate should be submitted 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 photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
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.

11. “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 339 (KhandNo.- 34), Village- Daharra, Tehsil- Mahoba, District- Mahoba, Shri Yogendra Singh, Area : 1.214 ha., File No. 7699/ Proposal No. SIA/UP/MIN/421759/2023

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

1. The terms of reference is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 339 (Khand No.- 34), Village- Daharra, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area- 1.214 ha.), Shri Yogendra Singh S/o Shri Guruprasad Singh
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/421759/2023
2.	File No. allotted by SEIAA, UP	7699
3.	Name of Proponent	Shri Yogendra Singh S/o Shri Guruprasad Singh
4.	Full correspondence address of proponent	R/o- Village -Tikri Bujurg, Thana & Tehsil Maudaha, District- Hamirpur, U.P.

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5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 339 (Khand No.- 34)		
7.	Name of Village	Daharra		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	1.214 ha.		
12.	Max.& Min mRL within lease area	197 mRL- 185 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 20' 04.60"N	79° 58' 10.68"E
		B	25° 20' 04.86"N	79° 58' 14.15"E
		C	25° 19' 59.88"N	79° 58' 14.96"E
		D	25° 20' 02.03"N	79° 58' 10.76"E
14.	Total Geological Reserves	1180388 m ³		
15.	Total Mineable Reserves	220291 m ³		
16.	Total Proposed Production (in five year)	194240 m ³		
17.	Proposed Production / year	38848 m ³		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	35 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Ultimate Depth of Mining	19 meter (average)		
23.	Nearest metalled road from site	100m		
24.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking & Others		0.40
		Suppression of dust		0.60
		Plantation		2.00
		Total		3.00
25.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity- 01/05/2024		
26.	Any litigation pending against the project or land in any court	No		
27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, (Khanan Anubhag) Mahoba vide Letter No. 2772/ MMC-30/ 2022-23, Dated 12.01.2023		
28.	Details of Lease Area in approved DSR	Page No.-01, S.No.- 5		
29.	Proposed CER cost	1.40 Lakh		
30.	Proposed EMP cost	EMP in First Year - 11.50 Lakh EMP (Recurring Years) – 7.05 Lakh		
31.	Length and breadth of Haul Road.	Length- 100m, Width- more than 6.0 m		
32.	No. of Trees to be Planted	2000		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 01/03/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepared EIA report for EC in the name of Shri Yogendra Singh S/o Shri Guruprasad Singh for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Arajai No.- 339 (Khand No.- 34), Village- Daharra, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 1.214 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 11

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. Original Cluster Certificate should be submitted 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 photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
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.

12. Expansion of existing sugar unit from 8500 TeD to 12000 TeD without change in existing Co-generation Power Plant - 32.0 MW within existing industry premises at P.O: Biswan, District: Sitapur, Shri Ramesh Chandra Singhal, M/s The Seksaria Biswan Sugar Factory Limited (Sugar Division)., File No. 7703/ Proposal No. SIA/UP/IND2/421707/2023

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

1. The terms of reference is sought for expansion of existing sugar unit from 8500 TeD to 12000 TeD without change in existing Co-generation Power Plant - 32.0 MW within existing industry premises at P.O: Biswan, District: Sitapur, U.P., M/s The Seksaria Biswan Sugar Factory Limited (Sugar Division).

2. Comparative details of existing and expansion unit:

Sr. No.	Attributes	Expansion of Existing Sugar		
1	Proposed capacity of Plant	Expansion of existing Sugar Unit from 8500 TCD to 12000 TCD without change in existing co gen power capacity – 32.0 MW within existing industry premises at P.O: Biswan, District– Sitapur, Uttar Pradesh.		
2	Total project cost	For Proposed Expansion only : Rs 6000 Lakhs (Estimated) Total after Expansion : Rs 27600.0 Lakhs		
3	Total project area	Existing Land area	Proposed Expansion	Total After expansion
		21.4542 Ha (53.01 Acre)	No Change	21.4542 Ha (53.01 Acre)
4	Category of Project	Category : B and Schedule : 5 (j)		
5	Process Involve	Cane Milling, Steam Generation (Boiler), Juice Clarification, Evaporation, Crystallization and Centrifugation then Packaging and Electricity generation from Steam.		
6	No of Working Days	Season (Approx : 200 Days)		
7	Raw material and its Quantity	Existing	Proposed Expansion	After Expansion
		Sugar Cane 8500 TCD Crushing	Sugar Cane 3500 TCD Crushing	Sugar Cane 12000 TCD Crushing
8	Product and its Quantity	1020.0 MT/Day	420.0 MT/Day	1440.0 MT/Day
9	Molasses (By Product)	510.0 MT/Day	210.0 MT/Day	720.0 MT/Day

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10	Bagasse (By Product)	2125 MT/Day	980 MT/Day	3105 MT/Day
11	Press Mud (By Product)	380.0 MT/Day	160.0 MT/Day	540.0 MT/Day
12	Co gen power generation	32.0 MW	No change	No change
13	Fresh Water Requirement (Industrial)	1224 KLD (@0.14 KL/T of Cane)	No Change	1224 KLD (@0.10 KL/T of Cane)
14	Fresh Water Requirement (Domestic)	150.0 KLD	No Change	150.0 KLD
15	Power requirement	13.38 MW	1.62 MW	15 MW
16	Fuel and its quantity	Bagasse : 2048 TPD (No change after expansion)		
17	Steam requirement	162 TPH	13 TPH	175 TPH
18	Number of boiler proposed	Three (03) numbers boiler of capacity 70 TPH, 40 TPH & 160 TPH	Nil	Existing boiler is sufficient to meet the requirement after expansion also.
19	Air Pollution Control Device	Wet Scrubber & Electrostatic Precipitator	Nil	Existing Wet Scrubber & ESP will be utilised for Air Pollution Control .
20	Number of Stack	Existing 2 No stack of height – 50 & 70 meters	-	Existing Stack will be used. No new Stack proposed.
21	Waste Water Generation	Industrial : Approx. : 2400 KLD waste water will be generated and will be treated in adequate ETP. Treated water will be discharge into surface water body. Domestic : Approx. : 90 KLD waste water will be treated through STP.		
22	Waste Water treatment	Effluent is being treated through Activated Sludge Process. Effluent is being treated through activated sludge process. ETP comprises of Bar Screen, Oil & Grease trap, Chemical mixing, Equalization, primary Clarifier, Aeration, Secondary clarifier, MGE, ACF and Sludge Drying beds.		
23	Waste Water Discharge	Treated water will be discharge after treatment and also be used for horticulture within premises. Treated water will be comply with the Discharge Standard of MOEF, G.S.R. 35(E), dated 14th January 2016.		
24	Solid Waste Generation	Name of Solid waste	Existing capacity	Total After Expansion
		Boiler ash	32.0 MT/Day	No Change
		ETP Sludge	1.6 MT/Day	2.16 MT/Day
		Press Mud	380 MT/Day	540 MT/Day
25	Green Belt Development	Approx. 33 % of total green belt already provided and same will be maintained.		
26	Total Cost for the proposed project	Existing Cost - Rs 21600 Lakhs. (Rs 216 Cr.) Cost for proposed expansion: Rs 6000 Lakhs. (Rs 60.0 Cr.) Total Cost after expansion - Rs 27600 Lakhs. (Rs 276 Cr.)		
27	Cost for Environmental Protection Measures	Capital Cost: Rs 276 Lakhs Recurring Cost: Rs 100 Lakhs		
28	CER expenses	Rs 90.0 Lakhs proposed against the CER.		

3. The project proposal falls under category-5(j) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-12

The committee discussed the matter and recommended to issue the standard terms of reference (TOR) for the preparation of EIA report regarding the project:

- 1) Certified compliance report for the existing environmental clearance from IRO, MoEFCC, Lucknow should be provided during EIA presentation.
- 2) Latest drone videography/survey covering the project area/nearby area with time, date & GPS coordinate.
- 3) Results of waste water analysis before and after treatment should be submitted.
- 4) Executive Summary
- 5) Introduction:
 - i. Details of the EIA Consultant including NABET accreditation
 - ii. Information about the project proponent
 - iii. Importance and benefits of the project
- 6) Project Description:
 - i. Cost of project and time of completion.
 - ii. Products with capacities for the proposed project.
 - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
 - iv. List of raw materials required and their source along with mode of transportation.
 - v. Other chemicals and materials required with quantities and storage capacities
 - vi. Details of Emission, effluents, hazardous waste generation and their management.
 - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
 - viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided.
 - ix. Hazard identification and details of proposed safety systems.
 - x. Expansion/modernization proposals:
 - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.
- 7) Site Details:
 - i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
 - ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
 - iii. Details w.r.t. option analysis for selection of site
 - iv. Co-ordinates (lat-long) of all four corners of the site.
 - v. Google map-Earth downloaded of the project site.

- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
 - vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
 - viii. Landuse break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
 - ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
 - x. Geological features and Geo-hydrological status of the study area shall be included.
 - xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
 - xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
 - xiii. R&R details in respect of land in line with state Government policy.
- 8) Forest and wildlife related issues (if applicable):
- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
 - ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha)
 - iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
 - iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon
 - v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule-I fauna, if any exists in the study area
 - vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.
- 9) Environmental Status:
- i. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
 - ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
 - iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
 - iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
 - v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.

- vi. Ground water monitoring at minimum at 8 locations shall be included.
 - vii. Noise levels monitoring at 8 locations within the study area.
 - viii. Soil Characteristic as per CPCB guidelines.
 - ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
 - x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule- I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
 - xi. Socio-economic status of the study area.
- 10) Impact and Environment Management Plan:
- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
 - ii. Water Quality modelling - in case of discharge in water body
 - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor- cum-rail transport shall be examined.
 - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under EP Rules.
 - v. Details of stack emission and action plan for control of emissions to meet standards.
 - vi. Measures for fugitive emission control
 - vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
 - viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
 - ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
 - x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
 - xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
 - xii. Action plan for post-project environmental monitoring shall be submitted.
 - xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

- 11) Occupational health:

- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
 - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
 - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
 - iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
- 12) Corporate Environment Policy:
- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
 - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
 - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
 - iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
- 13) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 14) Enterprise Social Commitment (ESC):
- i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
- 15) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
- 16) A tabular chart with index for point wise compliance of above TOR.
- 17) Complete process flow diagram describing each unit, its processes and operations in production of sugar, along with material and energy inputs and outputs (material and energy balance).
- 18) Details on water balance including quantity of effluent generated, recycled & reused. Efforts to minimize effluent is charge and to maintain quality of receiving water body.
- 19) Details of effluent treatment plant, inlet and treated water quality with specific efficiency of each treatment unit in reduction in respect to fall concerned / regulated environmental parameters.
- 20) Number of working days of the sugar production unit.
- 21) Details of the use of steam from the boiler.
- 22) Details of proposed source-specific pollution control schemes and equipments to meet the national standards.
- 23) Collection, storage, handling and transportation of molasses,
- 24) Collection, storage and handling of bagasse and press mud.

- 25) Fly ash management plan for coal based and bagasse and action plan
- 26) Details on water quality parameters such as Temperature, Colour, pH, BOD, COD, Total Kjeldhal Nitrogen, Phosphates, Oil & Grease, Total Suspended Solids, Total Coli form bacteria etc.
- 27) Details on existing ambient air quality and expected, stack and fugitive emissions for PM₁₀, PM_{2.5}, SO₂, NO_x, etc., and evaluation of the adequacy of the proposed pollution control devices to meet standards for point sources and to meet AAQ standards.

13. Khanda Boulder (Sandstone) at Araj No. -30/59 Village- Sukrit, Tehsil-Robertsganj, District-Sonbhadra, Shri Gyanendra Yadav, Area- 2.510 ha., File No. 7706/7148/ Proposal No. SIA/UP/MIN/422251/2023

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 environmental clearance is sought for Khanda Boulder (Sandstone) Mining Project at Araj No.-30/59, Village-Sukrit, Tehsil-Robertsganj, District- Sonbhadra, Uttar Pradesh, (Leased Area 2.510 Ha), M/s J.N Enterprises.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 179/Parya/SEIAA/7148/2022 dated 02/09/2022.
3. The Public Hearing was organized on 20/02/2023. Final EIA Report was submitted by the Project Proponent on 15/03/2023.

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

1. On-line proposal No.				SIA/UP/MIN/422251/2023					
2. File No. allotted by SEIAA, UP				7706/7148					
3. Name of Proponent				Shri. Gyanendra Yadav (J.N. Enterprises)					
4. Full correspondence address of proponent and mobile no.				Shri. Gyanendra Yadav R/o- H.No- 15, Billi Markundi, Thana- Obra, District- Sonbhadra, Uttar Pradesh					
5. Name of Project				Khanda Boulder (Sandstone) Mining Project M/s J.N Enterprises. Prop-Shri. Gyanendra Yadav at Araj No.30/59 Village-Sukrit, Tehsil-Robertsganj, District- Sonbhadra, Uttar Pradesh Area 2.510 Ha					
6. Project location (Plot/Khasra/Gata No. / Araj No'/ Khand No.)				Araj/Gata No'-30/59					
7. Name of Village				Sukrit					
8. Tehsil				Robertsganj					
9. District				Sonbhadra (U.P.)					
10. Name of Minor Mineral				Khanda Boulder (Sandstone)					
11. Sanctioned Lease Area (in Ha.)				2.510 Ha.					
12. Max. & Min mrl within lease area				Maximum & Minimum mRL is 283.0 mRL & 276.0 mRL respectively.					
13. Pillar Coordinates (Verified by DMO)				PILLER NO.		LATITUDE		LONGITUDE	
				A		24° 54'50.91"N		83°02'9.95"E	
				B		24° 54'47.09"N		83°02'10.07"E	
				C		24° 54'47.23"N		83°02'18.28"E	
				D		24° 54'50.69"N		83°02'18.13"E	
14. Total Geological Reserves				12,03,328 m ³					
15. Total Mineable Reserve in LOI				75,300 m ³ per year					
16. Proposed Production/year				75,300 m ³					
17. Sanctioned Period of Mine lease				10 Years					
18. Method of Mining				Open cast Manual/ Semi Mechanized Mining					
19. No. of working days				300					
20. Working hours/day				8 hours/day					
21. No. Of workers				Approximately 36 workers					

22. No. Of vehicles movement/day	28 Trucks movement/day	
23. Type of Land	Private Land	
24. Ultimate Depth of Mining	30.0 m	
25. Nearest metalled road from site	1.33 km	
26. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.36 KLD
	Suppression of dust	0.60 KLD
	Plantation	0.50 KLD
	Others (if any)	-
	Total	1.46 KLD
27. Name of QCI Accredited Consultant with QCI No And period of validity.	Ind Tech House Consult Certificate No- NABET/EIA/2023/SA 0174/Rev.01 Period of Validity- 29.4.2023	
28. Any litigation pending against the project or land in any court	NO	
29. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 454/Khanij/2022, Dated 18/05/2022	
30. Details of Lease Area in approved DSR	Letter No'-214/Khanij/2022 dated 25.4.2022	
31. Proposed EMP cost	Rs. 11,25,000.00/-	
32. Proposed Total Project cost	Rs 1.55 Crore	
33. Length and breadth of Haul Road	100 m length and 6.0 m width	
34. No. of Trees to be Planted	250/year	
35. Monitoring Period	October 2022 December 2022	

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 25/04/2023 mentioning is as follows:

1. I, Anand Kumar Dubey, S/o Shri Amar Nath Dubey am EIA Coordinator of M/s Ind Tech House Consult.
2. I have prepared EIA/EMP report of project for the Proposal (SIA/UP/MIN/422251/2023), Project Name: Khanda Boulder (Sandstone) Mining Project at Araj No.-30/59, Village-Sukrit, Tehsil-Robertsganj, District- Sonbhadra, Uttar Pradesh, (Leased Area 2.510 Ha), M/s J.N Enterprises with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with Application/EIA/EMP project preparations are true and correct.
5. I certify that this project proposal has been uploaded for first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The EIA/EMP report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.
8. 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.

RESOLUTION AGAINST AGENDA NO. 13

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

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
 2. The project proponent shall install solar light in their site office.
 3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
 4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
 5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
 6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
 7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
 8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
 9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
 10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
 11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
 12. The project proponent should explore the possibilities of rainwater harvesting.
 13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
 14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
 15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department
- 14. “Ordinary Soil Excavation Project” at Gata No. – 389, 390, 392, 393, 394, 395, 396 & 397, village – Bubkapur, Tehsil - Kaiserganj & District - Bahraich, Shri Vaibhav Agarwal, Area 1.607 Ha., File No. 7709/ Proposal No. SIA/UP/MIN/422321/2023**

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. – 389, 390, 392, 393, 394, 395, 396 & 397, village – Bubkapur, Tehsil - Kaiserganj & District - Bahraich, U.P., (Leased Area: 1.607 Ha.).

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

1. On-line proposal No.	SIA/UP/MIN/422321/2023			
2. File No. allotted by SEIAA, U.P	7709			
3. Name of Proponent	M/s Om Sai Concrete, Prop:- Shri Vaibhav Agarwal S/o - Rakesh Kumar Agarwal			
4. Full correspondence address of proponent	3/199, Vinay Khand, District- Lucknow (U.P.)			
5. Name of Project	Ordinary Soil Excavation Project			
6. Project location (Plot/Khasra/Gata No. / khand No.)	Gata No- 389, 390, 392, 393, 394, 395, 396 & 397			
7. Name of River	NA			
8. Name of Village	Bubkapur			
9. Tehsil	Kaiserganj			
10. District	Bahraich			
11. Name of Minor Mineral	Ordinary Soil Excavation Project			
12. Sanctioned Lease Area (in Ha.)	1.607 Ha.			
13. Mineable Area (in Ha.)	1.527 Ha (safety margin 0.0804 Ha.)			
14. Zero level mRL	NA			
15. Max. & Min mrl within lease area	The elevation of the given excavation site highest is 113 mRL & lowest point is 111 mRL..			
16. Pillar Coordinates (Verified by DMO)	Gata No.	Point	Latitude	Longitude
	389, 390, 392, 393, 394, 395, 396 & 397	A	27°28'50.98"N	81°34'0.54"E
		B	27°28'49.83"N	81°34'2.18"E
		C	27°28'49.52"N	81°34'1.92"E
		D	27°28'49.01"N	81°34'2.64"E
		E	27°28'48.42"N	81°34'2.17"E
	F	27°28'49.99"N	81°33'59.85"E	
17. Total Geological Reserves	40175 m ³			
18. Total Mineable Quantity	36640 m ³ in three months			
19. Total Proposed Production	12213.33 m ³ in one months			
20. Sanctioned Period of Mine lease	3 months			
21. Production of mine/day	NA			
22. Method of Mining	Open cast, Semi Mechanized			
23. No. of working days	90 days			
24. Working hours/day	8 hours/day			
25. No. Of workers	Approximately 30 workers			
26. No. Of vehicles movement/day	Approximately 10-11 movements per day			
27. Type of Land	Private land(agricultural)			
28. Ultimate Depth of Mining	2.5 meter (as per agreement)			
29. Nearest metalled road from site	Bahraich Expressway is about 1.16 km towards East direction from the excavation site.			
30. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		0.40	
	Suppression of dust		1.98	
	Plantation		0.01	
	Others (if any)		-	
	Total		2.39 KLD Approx.	
31. 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)Extension Validity Till: 21.01.2024			

32. Any litigation pending against the project or land in any court	No
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 618/30-Khanan/2023 on dated 13/03/2023.
34. Details of Lease Area in approved DSR	NA
35. Proposed EMP cost	Rs 2,21810/-(more than 2% of the total Project cost)
36. Total Project cost	Rs. 12,00,000/-
37. Length and breadth of Haul Road	220 m length and 6 m width
38. 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-I(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 21/04/2023 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 EC (B2) report for the Proposal No. SIA/UP/MIN/422321/2023, File No. 7709, M/s Om Sai Concrete, Prop:- Shri Vaibhav Agarwal S/o - Rakesh Kumar Agarwal R/o – 3/199, Vinay Khand, District- Lucknow (U.P.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EC (B2) presentations are true and correct.
5. I certify that this project proposal has not been previously uploaded 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. 14

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.

- 15. Building stone (Sandstone) mine at Gata No. /Araji /Plot No. - 1006, at Village-Sariva, Tehsil- Chunar, District-Mirzapur, Uttar Pradesh of Shri Digvijay Singh, Area: 0.809 ha., File No. 7789/506/ Proposal No. SIA/UP/MIN/423942/2023**

RESOLUTION AGAINST AGENDA NO-15

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.

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Om Prakash Srivastava)
Member

(Dr. Ajai Mishra)
Member

(Rajive Kumar)
Chairman

(Ashish Tiwari)
Member-Secretary, SEAC

Nodal, SEAC-1

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

Annexure-1

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

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, 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 05 ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05 ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan whichever is less. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore-bearing area is worked for expansion.
10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.
12. Green belt development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation. The company shall involve local people in the plantation programme. Details of year-wise

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

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

- be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
 39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
 40. Project Proponent shall explore the possibility of using solar energy where ever possible.
 41. Commitment towards CER has to be followed strictly.
 42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
 43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
 44. The blasting will be done only after getting permission from the Mining Department.

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