

### **Minutes of 761<sup>st</sup> SEAC-2 Meeting Dated 07/06/2023**

The 761<sup>st</sup> meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 07/06/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 761<sup>st</sup> SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

#### **1. Stand-alone Grinding Unit at Village: Nevada, Tehsil: Lalganj, District: Mirzapur, Ajay Kumar Gautam., 7860/6710/SIA/UP/IND1/426676/2023**

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 J.M. Enviro Net 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 environment clearance is sought for Proposed Stand-alone Grinding Unit with Cement Production Capacity of 5.0 MTPA (Phase - I/ Line I - 2.5 MTPA and Phase - II/ Line II - 2.5 MTPA) and D.G. Set of 2000 KVA (Line I - 2 x 500 KVA and Line II - 2 x 500 KVA) at Village - Nevada, Tehsil - Lalganj, District - Mirzapur, Uttar Pradesh, M/s Dalmia Bharat Green Vision Limited.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 133/Parya/SEIAA/6710/2022, dated 15/07/2022.
3. The public hearing was organized on 08<sup>th</sup> October, 2022. Final EIA report submitted by the project proponent on 08/05/2023.
4. Salient features of the project:

S. N.	Particulars	Details				
Project Proposal		Particular	Unit	Proposed Capacity		Total
				Line - I	Line - II	
		Cement (All Varieties)	Million TPA	2.5	2.5	5.0
		Emergency/ Backup Power D.G. Set	KVA	2 x 500	2 x 500	2000
A.	Nature of Project	New Project (Greenfield)				
B.	Size of Project	Cement: 5.0 Million TPA (Line I - 2.5 Million TPA & Line II - 2.5 Million TPA) (All varities) D.G. Set: 2000 KVA (Line I - 2 x 500 KVA & Line II - 2 x 500 KVA)				
C.	Location Details					

1.	Khasra No.	21, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66
2.	Village	Nevada
3.	Tehsil	Lalganj
4.	District	Mirzapur
5.	State	Uttar Pradesh
6.	Geographical Coordinates	Latitude: 24°54'46.09"N to 24°55'06.78"N Longitude: 82°13'31.35"E to 82°13'49.07"E
7.	SOI Toposheet No.	Core Zone: G44W1 (63L/1) Study Area: G44Q4 (63K/4), G44Q8(63K/8), G44W1 (63L/1) & G44W5 (63L/5)
D.	Area Details	
1.	Total Project Area	14.062 ha
2.	Greenbelt Area/ Plantation Area	Out of the total plant area i.e., 14.062 ha, 4.65 ha (33 % of the total plant area) will be covered under greenbelt / plantation.

**5. Land use details:**

S. No.	Unit	Area (in Acres)	Area (in ha)	Area (in %)
A	Plant Area	33.87	13.70	97
i)	Production Area	3.11	1.25	9
ii)	Storage Area	4.19	1.70	12
iii)	Internal Roads	6.17	2.50	18
iv)	Open Area	8.79	3.56	25
v)	Greenbelt / Plantation (33% of total project area including peripheral Plantation)	11.49	4.65	33
B	Truck Parking	1.0	0.40	3
Total Project Area (A + B)		34.75	14.062	100

**6. Raw material details:**

S. No.	Raw Material	Requirement (Million TPA)				Source	Distance & Mode of Transportation
		OPC	PPC	Composite	PSC		
1.	Clinker	2.375	1.55	0.9	0.8	Integrated Cement Plant of Company at Rajgangpur and Kalyanpur, Proposed integrated unit at Satna, & Open market	250 - 600 km by Road
2.	Gypsum	0.125	0.075	0.05	0.075	Hanumangarh, Rajasthan/Open Market	1300 km by Road
3.	Fly ash	-	0.875	0.85	-	Allahabad, Sonbhadra, Raebareli, Ambedkar Nagar	100 - 200 km by Road
4.	Slag	-	-	0.7	1.625	Chhattisgarh, Jharkhand	300 - 600 km by Road
	Total	2.5	2.5	2.5	2.5		

**7. Fuel requirement details:**

S. No.	Name of Fuel	Quantity Required		Source	Distance & Mode of Transportation
		Line - I	Line - II		
1.	Diesel (KLD)	0.3	0.3	From Nearby Fuel depot	Nearby area by Road
2.	Coal (Million TPA) - on dry basis for HAG	0.57	0.57	E-Auction/ Open Market/ Chhattisgarh, Jharkhand etc.	400-800 km by Road

**8. Power requirement:**

S. No.	Particulars	Requirement			Source
		Line - I	Line - II	Total	
1.	Water Requirement (KLD)*	180	155	335	Groundwater and Rain Water Harvesting
2.	Power Requirement (MW)	13	12	25	Uttar Pradesh Power Corporation Limited (UPPCL) / State Electric Grid and Roof-top Solar Panel, D.G. Set (for emergency back-up)
3.	Manpower Requirement	Operation Phase			Locals will be given preference in employment as per their eligibility.
		Regular	56	22	78

	Contractual	102	40	142
	Total	158	62	220
	Implementation Phase	45	20	65
	Total	203	82	285

9. Water calculation details:

S. No.	Purpose	Proposed Fresh Water Requirement (KLD)			Recycled Water (KLD)	Total
		Line - I	Line - II	Total		
1	Industrial (Mill Spray And Cooling)	160	150	310	1	311
2	Domestic Utilities	9	6	15	-	5
3	Drinking Purposes	3.5	1.5	5	-	15
4	Greenbelt Development	3	2	5	10	15
Total		180	155	335	11	346
Treated water from STP (10 KLD) will be used for Greenbelt development / Plantation and RO reject water (1 KLD) will be used for Dust Suppression purposes.						

10. Project has proposed 02 rainwater harvesting ponds of (0.15 Ha) 18000 cum capacity and 05 recharge Pits of (246 m<sup>3</sup>/hr. filling capacity).

11. Machinery details:

S. No.	Description	Unit	Capacity		Total
			Line - I	Line - II	
1.	Truck Tippler & Box Feeder	TPH	3 x 300	-	3 x 300
2.	Stacker Reclaimer	TPH	1800 / 300	-	1800 / 300
3.	Dry Fly ash unloading	TPH	200	-	200
4.	Startup FBC	Mkcal / hr	25	25	50 (2 x 25)
5.	Cement Mill	Million TPA	2.5	2.5	5 (2 x 2.5)
6.	Packer	TPH	2 x 240	2 x 240	480 (4 x 240)
7.	Truck Loaders	TPH	6 x 120	6 x 120	1440 (12 x 120)
8.	Bulk Loader	TPH	1 x 200	1 x 200	400 (2 x 200)

12. Solid and hazardous waste details:

Plant Unit	Section	Type of Waste	Waste	Approx. Quantity (TPA)	Treatment / Disposal
Grinding Unit	APCE	SW	Dust	119000	Dust collected from various APCEs will be totally recycled into the process.
STP	-	SW	STP Sludge	0.2	Used as manure for greenbelt development/ plantation.
Plant Maintenance	Different sections	HW	Used / Spent Oil (5.1)	30	Will be sold to the CPCB/ SPCB authorized recyclers.
			Contaminated cotton rags or other cleaning materials (Cat. 33.2)	0.4	
			Empty barrels/containers/liners (Cat. 33.1) contaminated with hazardous chemicals /wastes	10	
			Lead Acid batteries	12	
MSW	Plant Canteen	Dry / Wet	Bottles, paper, cans, textile, etc.	29.2	Will be sold to authorized recycler/ Will be Disposed after segregating into bio-degradable and non-degradable waste. Bio-degradable waste will be composted & utilized for plantation/greenbelt development and non-degradable
			Kitchen and canteen/ Green waste		

					wastes which will be disposed off suitably. Concept of waste minimization 3R's (Recycle, Reduce & Recover) scheme will be adopted.
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13. The project proposal falls under category-3(b) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 9/05/2023 mentioning as follows:

1. I, Ramesh K Yadav, S/o Shri MC Yadav is EIA Coordinator of M/s J.M. Enviro Net Pvt. Ltd.
2. I have prepared the EIA/EMP report for the proposal in name of Proposed Stand-alone Grinding Unit with Cement Production Capacity of 5.0 MTPA (Phase - I/ Line I - 2.5 MTPA and Phase - II/ Line II - 2.5 MTPA) and D.G. Set of 2000 KVA (Line I - 2 x 500 KVA and Line II - 2 x 500 KVA) at Village - Nevada, Tehsil - Lalganj, District - Mirzapur, Uttar Pradesh, M/s Dalmia Bharat Green Vision Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/information submitted along with Application/EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO-01**

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

#### **Additional conditions:**

- I. Project proponent should explore the possibility of reducing ground water usage and try to minimize in the future.
- II. Three tier green belts shall be developed with native species all along the periphery of the project. Site survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years (Miyawaki method to be adopted for plantation)
- III. Performance test shall be conducted on all pollution control system every year and report shall be submitted to Regional office of the MoEF and CC.
- IV. Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface.
- V. Properly covered vehicles shall be used while transporting material and product.
- VI. Allergy test should also be included in health checkup of works.

#### **Standard environmental clearance conditions:**

- I. Statutory compliance
  - i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  - ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
  - iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the State pollution Control Board.
  - v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
  - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- II. Air quality monitoring and preservation
- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25<sup>th</sup> August, 2014 (Cement) and subsequent amendment dated 9<sup>th</sup> May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
  - iii. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at two locations (one within and one outside the plant area), covering upwind and downwind directions .
  - iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
  - v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
  - vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
  - vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
  - viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
  - ix. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
  - x. Provide wind shelter fence and chemical spraying on the raw material stock piles.
  - xi. Have separate truck parking area and monitor vehicular emissions at regular interval.
  - xii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.
  - xiii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants
- III. Water quality monitoring and preservation:
- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25<sup>th</sup> August, 2014 (Cement) and subsequent amendment dated 9<sup>th</sup> May, 2016 (Cement) and

connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (Case to case basis small plants: Manual; Large plants: Continuous).

- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
  - iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
  - iv. Adhere to Zero Liquid Discharge.
  - v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
  - vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
  - vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
  - viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.
  - ix. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- IV. Noise monitoring and prevention
- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  - ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules , 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- V. Energy Conservation measures
- i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
  - ii. Provide the project proponent for LED lights in their offices and residential areas.
  - iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
- VI. Waste management
- i. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
  - ii. Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant).
- VII. Green Belt
- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
  - ii. The industry shall develop green belt as per the map provided by the PP and adopt area in existing industrial area to compensate 33% green belt.
  - iii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- VIII. Public hearing and Human health issues
- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - ii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.

- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  - iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- IX. Corporate Environment Responsibility
- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  - ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  - iii. A separate Environmental Cell both at the project and company head quarter level , with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
  - iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six Monthly Compliance Report.
  - v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
  - vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.
- X. Miscellaneous
- i. Under CER activity as committed ambulance for handicapped, equipped with medical facilities may be provided.
  - ii. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
  - iii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  - iv. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  - v. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
  - vi. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  - vii. The project proponent shall submit the environmental statement for each financial year in Form-V to the State Pollution Control Board as prescribed under the Environment (Protection) Rules , 1986, as amended subsequently and put on the website

- of the company.
- viii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xii. Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv. The Ministry reserves the right to stipulate additional conditions if found necessary.
- xv. The Company in a time bound manner shall implement these conditions.
- xvi. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring g reports.
- xvii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xviii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**2. "Building Stone (Granite Khanda, Boulder, Bailast (Gitti))" Project at Gata No.- 1090/2, Village- Thana, Tehsil- Mahoba, District- Mahoba, Shri Dayal Singh, Area : 0.405 ha., 7864/SIA/UP/MIN/428421/2023**

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

1. The environmental clearance is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 1090/2, Village- Thana, Tehsil- Mahoba, District- Mahoba, U.P. (Leased Area- 0.405 ha.).

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

1.	On-line proposal No.	SIA/UP/MIN/428421/2023
2.	File No. allotted by SEIAA, UP	7864
3.	Name of Proponent	Shri Dayal Singh S/o Late Shri Lafroo Singh
4.	Full correspondence address of proponent	R/o- Village- Makarbai, 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.- 1090/2
7.	Name of Village	Thana
8.	Tehsil	Mahoba
9.	District	Mahoba
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast



		(Gitti))		
11.	Sanctioned Lease Area (in Ha.)	0.405 ha.		
12.	Max.& Min mRL within lease area	207 mRL- 204 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 17' 18.90"N	79° 56' 18.96"E
		B	25° 17' 18.41"N	79° 56' 20.20"E
		C	25° 17' 15.73"N	79° 56' 19.60"E
		D	25° 17' 15.89"N	79° 56' 19.00"E
		E	25° 17' 15.85"N	79° 56' 18.24"E
		F	25° 17' 16.38"N	79° 56' 17.89"E
14.	Total Geological Reserves	445716 m <sup>3</sup>		
15.	Total Mineable Reserves	64802 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	64800 m <sup>3</sup>		
17.	Proposed Production / year	12960 m <sup>3</sup>		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	30 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Ultimate Depth of Mining	14 meter (average)		
23.	Nearest metalled road from site	400m		
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.30	
		Suppression of dust	2.40	
		Plantation	1.00	
		Total	3.70	
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. 3304/MMC-30/2022-23, Dated- 24.03.2023		
28.	Details of Lease Area in approved DSR	Page No.- 02, S.No.- 12		
29.	Proposed CER cost	1.35 Lakh		
30.	Proposed EMP cost	EMP in First Year - 11.45 Lakh EMP (Recurring Years) – 7.00 Lakh		
31.	Length and breadth of Haul Road.	Length- 400m, Width- more than 6.0 m		
32.	No. of Trees to be Planted	1000		

- 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 02/05/2023 mentioning is as follows:

- I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
- I have prepared EMP report for EC in the name of Shri Dayal Singh S/o Late Shri Lafroo Singh for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 1090/2, Village- Thana, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 0.405 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.

4. I am satisfied with that all the necessary data/information submitted along with EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 02**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal 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.

**3. Common Bio Medical Waste Treatment Facility (CBWTF) at Plot No. A-2/36, Sector-15, Gorakhpur Industrial Development Authority (GIDA) District- Gorakhpur, Uttar Pradesh M/s AV Biomedical Waste Services., 7866/7762/SIA/UP/INFRA2/428481/2023**

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 Environment Management Division of M/s India Glycols Limited, Kashipur. 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 Common Bio Medical Waste Treatment Facility (CBWTF) at Plot No. A-2/36, Sector-15, Gorakhpur Industrial Development Authority (GIDA) District- Gorakhpur, Uttar Pradesh M/s AV Biomedical Waste Services.
2. The standard terms of reference in the matter were issued through online Parivesh Portal on 06/04/2023.
3. The public hearing for project was exempted due to location falling under the Industrial Area as per MoEF&CC, Govt. of India O.M. Dated 04/04/2016.
4. Final EIA report submitted by the project proponent on 08/05/2023.
5. The proposed project of setting up the Common Bio-medical Waste Treatment Facility (CBWTF) having an capacity of 5 tons per day and which includes Incinerator with Air Pollution Control Device (APCD), Autoclave, Shredder and Effluent Treatment Plant.
6. Brief project details:

Category of Projects	Category "B" and Schedule- 7(da)		
Proposed plant capacity	Equipment	Capacity	Number
	Incinerator	300 kg/hr	2
	Autoclave	1000 kg/Batch	2
	Shredder	150 kg/hr	1
	Chemical Disinfection Tank	1500 Ltr	1
	Effluent Treatment Plant	10 KLD	1
Number of working days	365		
Total Plot Area	0.28 Ha.		
Plot Number	Plot No.A-2/36		
Location	Plot No.A-2/36 Sector 15 at Gorakhpur Industrial Development Authority (GIDA) Gorakhpur, Uttar Pradesh.		
Coordinates of the Plant	26°44'53.39"N 83°13'48.66"E 26°44'55.65"N 83°13'49.01"E 26°44'55.86"N 83°13'47.87"E 26°44'53.53"N 83°13'47.49"E		
Elevation	94 meter- 101 meter		
Nearest habituated area	Bokta, Approx. 0.64 km towards NNE		
Nearest Main Public Road	Gorakhpur Road, approx. 0.19 km in North direction		
Nearest Railway station/Airport	Sahjanwa Railway Station, approx. 2.15 km towards North direction. Gorakhpur Airport is located at 21.15 Km in ESE direction		
Nearest water body	Rapti River, approx. 2.12 km in East direction Ami River, approx. 3.56 km in SSW direction		
Water requirement	Water requirement for the proposed CBWTF project is 11 KLD. Fresh- 7.10 KLD Recycled- 3.90 KLD		
Source of water	Water requirement will be met through bore wells		
Wastewater Generation	Waste water generated from the treatment of Biomedical waste during autoclaving, washing of floors, and domestic purpose etc. is 5.25 KLD and it shall be treated in effluent treatment plant and reuse in process.		
Man Power	During Construction phase, the labors and workers will be hired from nearby villages. Total 20 persons are proposed to hire for plant operation including officers, skilled and unskilled workers.		
Air Pollution Control Device	Wet Scrubber, Cyclone and Bag Filter, Venturi Scrubber		

Nos. of Stack	2
Power requirement	DG Set of 82.5 KVA is proposed for the project and lines will be taken from the authorized electricity board. ~ 1% of the total power load will meet through solar energy.
Alternative site	No Alternative site is examined
Land form, Land use and land ownership	The land for project is Plot No.A-2/36 Sector 15 at Gorakhpur Industrial Development Authority (GIDA) Gorakhpur, Uttar Pradesh.
Estimated cost	Rs. 3.87 Cr.

**7. Water requirement details:**

S. No.	Requirement for	Water Consumption	Process Losses	Waste water generation	ETP losses	Recycled/ Reuse
A.	Process (Scrubbing)	2.40	1.40	1.00	0.20	0.80
B.	Steam Generation (Autoclaving)	0.20	0.05	0.15	0.05	0.10
C.	Miscellaneous i.e., Floor washing, Vehicle washing etc.	3.80	0.20	3.60	0.60	3.0
D.	Domestic Purpose	0.60	0.10	0.50	0.00	0.00
E.	Green Belt	4.0	4.0	0.00	0.00	0.00
Total (KL/Day)		11.0 7.10 (Fresh) + 3.90 (Recycle)	5.75	5.25	0.85	3.90
<ul style="list-style-type: none"> <li>Wastewater (4.75 KLD) is being generated from the Industrial Process will be subjected to Proposed ETP (Capacity- 10.0 KLD). Treated water from (3.90 KLD) will be reused in scrubber for cooling purpose and green belt purpose.</li> <li>The entire system shall be a zero discharge system in terms of wastewater discharge from the process as recirculated through ETP.</li> <li>Domestic Wastewater shall be treated in a soak pit/septic tank.</li> </ul>						

**8. Solid/hazardous waste details:**

Total No. of Employees	20
Assuming per capita solid waste generation rate as 0.2 kg/capita/day	
Quantity of solid waste generated	4.0 kg/day
Organic solid waste : 60 % of the total waste	2.40 kg/day
Inorganic solid waste : 40 % of the total waste	1.60 kg/day
Disposal of domestic solid waste	Domestic wastes are segregated at source, collected in bins and composted.

**9. The project proposal falls under category-7(da) of EIA Notification, 2006 (as amended).**



The consultant (EIA Coordinator) also submitted an affidavit dated 07/06/2023 mentioning is as follows:

- I, Muzaffar Ahmad, S/o S. Iqbal Ahmad is EIA Coordinator of M/s IMD IGL.
- I have prepared the EIA/EMP report for the proposal in name of M/s AV Bio Medical Waste Services, Common Bio Medical Waste Treatment Facility (CBWTF) at Plot No. A-2/36, Sector-15, Gorakhpur Industrial Development Authority (GIDA) District- Gorakhpur, Uttar Pradesh M/s AV Biomedical Waste Services with my team.
- I have personally visited the site of proposal and certify that no mining/construction activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information submitted along with Application/ EIA/EMP are true and correct.
- I certify that this project proposal has been uploaded for the second time that is only after the withdrawal of previous project has been accepted by SEIAA, UP.
- 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.
- I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.

8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

During the presentation the Secretariat informed the committee that a compliant letters dated 23/05/2023 & 06/06/2023 of Dr. Vinay Kumar Verma, Secretary, Medical Pollution Control Committee and compliant letter dated 05/06/2023 of Mr. Arun Kumar Awasthi, Manager/Secretary, Gorakhpur Kalyan Samiti has been received at Directorate of Environment regarding the above project proposal. The committee has gone through the above complaint letters and opined that the aforesaid complaint letters is being shared with project proponent with the direction to submit reply on the issues raised in above complaint letters.

The project proponent submitted their point wise reply of the complaint letters dated 23/05/2023 & 06/06/2023 of Medical Pollution Control Committee wherein:

		GST : DBASJFA5591R15 <b>AV BIOMEDICAL WASTE SERVICES</b> Head Office : Vardan Khand, Gomti Nagar Extension, Lucknow, Uttar Pradesh Mobile No. : 7007265289   Email : avbwsservices@gmail.com	PAN : ABUR45561R
Ref No.		Date : 07/06/23	
		File No 7866-7762	
To, The Member Secretary, SEAC-2, UP (Email: docuplko@yahoo.com) <b>Subject:</b> Submission of Reply Against Complaints raised by MPCC dated 06.06.2023 for our proposed common biomedical waste treatment plant in Gorakhpur. <b>Reference:</b> Letter from MPCC dated 23-05-2023 & 06.06.2023. Dear Sir, With reference to the queries raised by MPCC dated 23-05-2023 & 06.06.2023, the Point Wise Reply of the Queries raised by MPCC is as follows:			
S.No.	Objection	Reply by PP	
A.	गोरखपुर इंडस्ट्रियल डेवलपमेंट ऑथोरिटी (GIDA) गोरखपुर द्वारा जारी नियमावली के अनुसार इस भूमि पर हज़ार्डस की कोई भी इंडस्ट्री स्थापित नहीं की जा सकती है। (नियमावली संलग्न-1) गोरखपुर इंडस्ट्रियल डेवलपमेंट ऑथोरिटी (GIDA) गोरखपुर द्वारा उक्त भूमि किसी अन्य व्यक्ति अन्य किसी अरिज केदारणी की इकाई को स्थापित किये जाने हेतु आवंटित की गयी है लेकिन मेसर्स ए० वी० बापो मेडिकल वेस्ट सर्विसेज द्वारा उक्त भूमि पर CBWTF स्थापित किया जा रहा है जो हज़ार्डस के अन्तर्गत आता है तथा उक्त भूमि पर मेसर्स ए० वी० बापो मेडिकल वेस्ट सर्विसेज का कोई	The Land was originally purchased by Shri Ramji Mishra who got expired. After his death, the land was transferred to his only son Shri Vijay Nath Mishra. Being the only child of Shri Ramji Mishra, Mr Vijay Nath Mishra becomes the sole owner of the property of his late father Shri Ramji Mishra. The relevant land ownership documents are attached as <b>Annexure-I</b> . Mr Vijay Nath Mishra is a partner in the M/S A V Biomedical Waste Services Pvt Ltd. As the CBWTF plant is used for treatment of Biomedical waste coming out of hospital and other pathologies	
<b>Plant Address</b> 1. Village Malaya Tehsil Sandila, District - Hardoi, Uttar Pradesh 2. Village Rajdhani, Post Nautanwa, District Maharajganj, U.P. 3. Plot No. A-2/36 Sector 15 at Gorakhpur Industrial Development Authority (GIDA), Gorakhpur			
		 AV BIOMEDICAL WASTE SERVICES	



GST : 09ABUFA6591R15

PAN : ABUFA6591R

**AV BIOMEDICAL WASTE SERVICES**

Head Office : Vardan Khand, Gomti Nagar Extension, Lucknow, Uttar Pradesh

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Ref No.

Date : .....

	<p>स्वामित्व भी नहीं है जो नियमानुसार गोरखपुर इंडस्ट्रियल डेवलपमेंट ऑथोरिटी (GIDA) गोरखपुर द्वारा जारी नियमावली के विरुद्ध है। (भूमि के दस्तावेज संलग्न-2)</p>	<p>and, there is no dumping or landfilling provision in the proposed CBWTF plant, hence the proposed plant cannot only be termed as a unit of Hazardous category.</p> <p>As far as the GIDA guidelines, we would like to submit that the Environmental Clearance by SEIAA UP and NOC from UPPCB has been given to Distillery Plant of IGL which is located at Plot No E-1/Sector-15; a unit of R-R category. The inter-distance between the proposed CBWTF Plant and existing distillery plant is within 100 meter. (EC attached as Annexure-2)</p>
B	<p>प्रस्तावित CBWTF से मात्र 29 किमी की दूरी पर संस्था मेसर्स मेडिकल पात्नूशन कण्ट्रोल कमेटी खलीलाबाद, संतकबीरनगर का CBWTF पूर्व से ही संचालित है जिसके द्वारा गोरखपुर जनपद से उत्तर्जित बायो मेडिकल वेस्ट का निस्तारण नियमानुसार किया जा रहा है एवं संस्था के CBWTF की निस्तारण क्षमता भी अभी तक पूर्ण नहीं हुई है। (प्राधिकार पत्र एवं दूरी मैप संलग्न -3)</p> <p>केन्द्रीय प्रदूषण नियंत्रण बोर्ड (CPCB) द्वारा जारी रिवाइज गाईडलाइन्स के पेज संख्या - 10 क्ताज (8)</p>	<p>As per the NGT Order dated 13.04.2023 (attached as Annexure-3), the inter-distance restriction between two CBWTF of 75 km is not a compulsion any more. More than one CBWTF can be established in one district based on the need to cater the demand to treat the biomedical waste.</p> <p>As far as the existing CBWTF of MPCC, Khalilabad; we would like to submit that the existing CBWTF, Khalilabad is an inefficient plant involved in malpractices and penalized by UPPCB in two consecutive years of</p>

**Plant Address**

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3. Plot No. A-2/36 Sector 15 at Gorakhpur Industrial Development Authority (GIDA), Gorakhpur

  
 AV BIOMEDICAL WASTE SERVICES  
 PARTNER



GST : 09ABUFA6591R15

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Date : .....

<p>Coverage area of CBWTF - A CBWTF located within the respective State/UT shall be allowed to cater healthcare units situated at a radial distance of 75 KM. However, in a coverage area where 10,000 beds are not available within a radial distance of 75 KM, existing CBWTF in the locality (located within the respective State/UT) may be allowed to cater the healthcare units situated upto 150 KM radius के अनुसार पूर्व में स्थापित संयंत्र 150 किमी परिधि तक कार्य कर सकता Green India है एवं 75 किमी परिधि में तब तक किसी नये संयंत्र की स्थापना नहीं की हो सकती जब तक पूर्व से स्थापित संयंत्र की निस्तारण क्षमता पूर्ण नहीं हो जाती (रिवाइज सी०पी०सी०बी० गाईडलाइन्स-2016 संलग्न-4)</p> <p>इस संयंत्र की स्थापना हेतु केन्द्रीय प्रदूषण नियंत्रण बोर्ड (CPCB) द्वारा जारी रिवाइज सी०पी०सी०बी० गाईडलाइन्स-2016 के</p>	<p>2019 and 2020. UPPCB has issued a penalty of Rs 20.70 Lakhs in 2019 and Rs 13.44 lakhs in 2020. (Penalty Letter to MPCC is attached as Annexure-4)</p>
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	निम्नलिखित नियमों का उत्पन्न किया जा रहा है।	
1	केन्द्रीय प्रदूषण नियंत्रण बोर्ड (CPCB) द्वारा जारी रिवाइज गाईडलाइन्स के पैज संख्या -6 कलाज by Applicability of these guidelines - These guidelines are applicable to all the upcoming or new CBWTFs केवल नये संप्रे (21 दिसम्बर 2016 के बाद स्थापित हो रहे) पर लागू होंगी। (रिवाइज सी०पी०सी०बी० गाईडलाइन्स-2016 संलग्न-5)	All the guidelines of CPCB are being followed and complied.
2	केन्द्रीय प्रदूषण नियंत्रण बोर्ड (CPCB) द्वारा जारी रिवाइज गाईडलाइन्स के पैज संख्या -3 कलाज (b) SPCB/PCC is required to conduct gap analysis w.r.to coverage area of the bio-medical waste generation and also projected over a period of next ten years, adequacy of existing treatment capacity of the CBWTF in each coverage area of radius 75 KM, as given in Annexure-1 के अनुसार नये संप्रे की स्थापना हेतु उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड द्वारा गैप एनालिसिस या इन्वेस्टीगेशन कराया जाये। (रिवाइज सी०पी०सी०बी० गाईडलाइन्स-2016 संलग्न -6)	The gap analysis report issued by RO Gorakhpur in prescribed format is attached as Annexure-5.
3	केन्द्रीय प्रदूषण नियंत्रण बोर्ड (CPCB) द्वारा जारी रिवाइज गाईडलाइन्स के पैज संख्या 3 कलाज (c) The SPCB/PCC or concerned	Land document is attached as Annexure-1.

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AV BIOMEDICAL WASTE SERVICES

*Vijay Kumar*

PARTNER





GST : 09ABUFA6591R15

PAN : ABUFA6591R

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	department in the business allocation of land assignment in the respective State Government or UT Administration. अनुसार संपत्र की स्थापना हेतु सरकार या सम्बन्धी विभाग द्वारा भूमि आवंटन की कार्यवाही की जाये 1 (रिवाइज सी०पी०सी०बी० गाईडलाइन्स 2016 संलग्न 73	
4	केन्द्रीय प्रदूषण नियंत्रण बोर्ड (CPCB) द्वारा जारी रिवाइज गाईडलाइन्स के पैज संख्या-3 क्लाज (c) expression of interest from the proponents for development of new CBWTF. के अनुसार नये संपत्र की स्थापना हेतु Expression of Interest (EOI) के माध्यम से सेवा प्रदाता का चयन किया जाये यदि कोई भी सेवा प्रदाता नहीं आता है तब स्थानीय IMA को संपत्र लगाने हेतु आमंत्रित किया जाये (रिवाइज सी०पी० सी०बी० गाईडलाइन्स-2016 संलग्न - 3)	The project proponent M/S A V Biomedical Waste Services is itself planning to install the new CBWTF. It has had land in its possession and obtained ToR from SEIAA, UP for obtaining Environmental Clearance.
5	केन्द्रीय प्रदूषण नियंत्रण बोर्ड (CPCB) द्वारा जारी रिवाइज गाईडलाइन्स के पैज संख्या-8 क्लाज (6) A CBWTF shall preferably be developed in a notified industrial area without any requirement of buffer zone के अनुसार संपत्र औद्योगिक	Our project is located in Industrial Area notified by GIDA.

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AV BIOMEDICAL WASTE SERVICES

*[Signature]*

PARTNER



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Date : .....

	क्षेत्र में स्थापित किये जाये। (रिवाइज सी०पी०सी०बी० गार्डरलाइन्स - 2016 संलग्न-9)	
C	माननीय उच्च न्यायालय तेलंगाना द्वारा अपने एक आदेश दिनांक 01/08/2017 को पारित आदेश में कहा गया है कि जो संयंत्र जिस क्षेत्र में कार्य कर रहा है और उसकी निस्तारण क्षमता जब तक पूर्ण नहीं हो जाती तब तक कोई दूसरा संयंत्र नहीं लग सकता है। (माननीय उच्च न्यायालय तेलंगाना द्वारा जारी आदेश संलग्न -10)	Our proposed CBWTF is required to comply the said order of Hon'ble High Court of Telangana as the existing plant of MPCC Khalilabad has been continuously flouting the norms of CPCB/UPPCB and have been penalized by UPPCB. In such conditions, our plant is must in the area to cater the need of efficient treatment of biomedical waste.
1	ऐसे ही एक मामले में माननीय उच्च न्यायालय इलाहाबाद द्वारा जनपद कानपुर देहात में उत्तर प्रदेश वेस्ट मैनेजमेंट प्रोजेक्ट द्वारा बायो मेडिकल वेस्ट प्लांट लगाये जाने से पूर्व वास्तविक आवश्यकता होने पर ही स्थापना की जाये का आदेश उत्तर प्रदेश प्रदुषण नियंत्रण बोर्ड को दिया था। क्षेत्रीय अधिकारी उत्तर प्रदेश प्रदुषण नियंत्रण बोर्ड कानपुर देहात द्वारा मुख्यालय को प्रेषित आख्या में स्पष्ट किया गया की स्थापित संयंत्र की निस्तारण क्षमता अभी तक पूर्ण नहीं हुई है इसलिए अभी नये संयंत्र की आवश्यकता नहीं है। (माननीय उच्च न्यायालय इलाहाबाद द्वारा जारी आदेश की छायाप्रति संलग्न - 11)	The gap analysis report issued by RO Gorakhpur in prescribed format is attached as Annexure-5. The gap analysis report clearly shows the need to install another CBWTF to cater the need of demand to treat the biomedical waste.

**Plant Address**

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2. Village Rajdhani, Post Nautanwa, District Maharajganj, U.P.
3. Plot No. A-2/36 Sector 15 at Gorakhpur Industrial Development Authority (GIDA), Gorakhpur

AV BIOMEDICAL WASTE SERVICES

PARTNER



GST : 09ABUFA6591R15

PAN : ABUFA6591R

**AV BIOMEDICAL WASTE SERVICES**

Head Office : Vardan Khand, Gombi Nagar Extension, Lucknow, Uttar Pradesh

Mobile No. : 7007265289 | E-mail : avbmwservices@gmail.com

Ref No.

Date : .....

2	अभी हाल में ही मेसर्स जय माता दी बायो मेडिकल गोरखपुर द्वारा भी जनपद गोरखपुर में CBWTF की स्थापना के लिए अनापत्ति प्रमाण पत्र (CTE) हेतु आवेदन किया गया था जिसे क्षेत्रीय कार्यालय उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड, गोरखपुर द्वारा नियमों के विरुद्ध स्थापना किये जाने के कारण निरस्त कर दिया गया था। (निरस्त किये गए अनापत्ति प्रमाण पत्र की छायाप्रति संलग्न -12)	No plant can be established or run in violation of the norms. Hence, the CTE for Jai Mata Di CBWTF Plant was rejected and, MPCC Khalilabad has been penalized.
---	--	--

The queries raised by MPCC seem malicious in nature. On one hand, MPCC has been involved in flouting the norms and fail to pay the heed to the guidelines and regulations and received penalties for its Khalilabad CBWTF plant, on the other they are trying to create unnecessary complaints against a proposed unit.

In view of the above, it is requested to please accept our submission and close the matter.

Thanking You

AV BIOMEDICAL WASTE SERVICES  
Yours Sincerely,

PARTNER

Mr Vinay Kumar Rai  
Authorized Signatory  
M/S A V Biomedical Waste Services

Enclosed : All Annexure

**Plant Address**

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PARTNER

- Reply submitted by PP of the complaint letter dated 05/06/2023 of Gorakhpur Kalyan Samiti wherein:



GST : 09ABUFA65S1R15 PAN - ABUFA65S1R

## AV BIOMEDICAL WASTE SERVICES

Head Office : Vardan Khand, Gunti Nagar Extension, Lucknow, Uttar Pradesh

Mobile No. : 7007265289 | E-mail : avbmwsservices@gmail.com

Ref No.

Date : 7-06-2023

File No 7866-7762

To,  
The Member Secretary,  
SEAC-2, UP  
(Email: doeuplko@yahoo.com)

**Subject:** Submission of Reply Against Complaints raised by Shri Arun Kumar Awasthi, Manager of the Gorakhpur Kalyan Samiti dated 05.06.2023 against our proposed common biomedical waste treatment plant in Gorakhpur.

**Reference:** Complaint Letter of Gorakhpur Kalyan Samiti dated 05.06.2023.

Dear Sir,

With reference to the queries raised by Gorakhpur Kalyan Samiti dated 05.06.2023, the Point Wise Reply of the Queries raised are as follows:

S.No.	Objection	Reply by PP
1	गोरखपुर इंडस्ट्रियल डेवलपमेंट ऑथोरिटी (GIDA) के नियमावली के पेज नं 3 ब्लॉक संख्या 1.05 Rejection of Applications (1) If the proposed project to be set up is hazardous as categorized by U.P. Pollution Control Board के अनुसार केवल ग्रीन, ऑरेंज एवं रेड कैटेगरी के प्लान्ट ही स्थापित किये जा सकते हैं, हज़ार्डस कैटेगरी के नहीं, जबकि अस्पताली कचरा संयंत्र हज़ार्डस कैटेगरी में आता है। इस तरह नियमावली का उलंघन है एवं पर्यावरणीय नजरिये से भी अनुचित है (नियमावली संलग्न)	Our plant is a CBWTF. As per S.No.1, Page No 28 of List of Industries mentioned in UPPCB order dated 18.04.2016; CBWTF falls under Red Category. <b>(Annexure-1)</b>  Since the complainant has agreed upon that "केवल ग्रीन, ऑरेंज एवं रेड कैटेगरी के प्लान्ट ही स्थापित किये जा सकते हैं"; our plant can be established as it is of Red Category.

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**AV BIOMEDICAL WASTE SERVICES**  
**PARTNER**



GST : 09ABUFA6591R15

PAN - ABUFA6591R

**AV BIOMEDICAL WASTE SERVICES**

Head Office - Vardan Khand, Ganti Nagar Extension, Lucknow, Uttar Pradesh

Mobile No. : 7007265289 | E-mail : avbmwseervices@gmail.com

Ref No.

Date : .....

2	<p>उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड एवं पर्यावरण निदेशालय में आवेदन करने वाली संस्था के नाम आवेदन में दर्शाया गया प्लॉट संख्या A-2/36 Sector 15 संस्था के नाम नहीं है। प्लॉट संख्या A-2/36 Sector 15 का एलोटमेंट किसी अन्य व्यक्ति के नाम है जिसका इस संस्था से कोई लेना देना नहीं है। (प्लॉट का एलोटमेंट लेटर संलग्न)</p>	<p>The Land was originally purchased by Shri Ramji Mishra who got expired. After his death, the land was transferred to his only son Shri Vijay Nath Mishra. Being the only child of Shri Ramji Mishra, Mr Vijay Nath Mishra becomes the sole owner of the property of his late father Shri Ramji Mishra.</p> <p>The relevant land ownership documents are attached as <b>Annexure-2</b>. Mr Vijay Nath Mishra is a partner in the M/S A V Biomedical Waste Services Pvt Ltd.</p>
3	<p>प्लॉट संख्या A-2/36 Sector 15 के आवंटन के समय यह गोरखपुर इंडस्ट्रियल डेवलपमेंट ऑथोरिटी (GIDA) द्वारा किसी अन्य प्रयोजन हेतु आवंटित किया गया था एवं समस्त गोरखपुर इंडस्ट्रियल डेवलपमेंट ऑथोरिटी (GIDA) में हज़ार्ड्स के लिए कोई भी प्लॉट आरक्षित नहीं किया गया था परन्तु अब हज़ार्ड्स के प्रयोजन हेतु संयंत्र की स्थापना की जा रही है, जो नियम विरुद्ध है।</p>	<p>As far as the GIDA guidelines, we would like to submit that the Environmental Clearance by SEIAA UP and NOC from UPPCB has been given to Distillery Plant of IGL which is located at Plot No E-1/Sector-15; a unit of <b>R-R category (Hazardous)</b>. The inter-distance between the proposed CBWTF Plant and existing distillery plant is within 100 meter. (EC attached as Annexure-3).</p>

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AV BIOMEDICAL WASTE SERVICES

*Vijay Nath Mishra*  
PARTNER



GST : 09ABUFA6591R15

PAN - ABUFA6591R

**AV BIOMEDICAL WASTE SERVICES**

Head Office : Vardan Khand, Gantti Nagar Extension, Lucknow, Uttar Pradesh

Mobile No. : 7007265289 | E-mail : avbmwseices@gmail.com

Ref No.

Date : .....

		In addition to the above, we have submitted a letter to GIDA intimating that a CBWTF is proposed on the allotted land on 11.12.2019. (Copy is attached as <b>Annexure-4</b> )
4	बिना गोरखपुर इंडस्ट्रियल डेवलपमेंट ऑथोरिटी (GIDA) के संज्ञान में लिए या बिना प्लॉट सरेडर किये संस्था ए० वी० बायो मेडिकल वेस्ट सर्विसेस द्वारा संयंत्र स्थापना के लिए आवेदन दे दिया गया है जो नियमानुसार गलत है।	We have submitted a letter to GIDA intimating that a CBWTF is proposed on the allotted land on 11.12.2019. (Copy is attached as <b>Annexure-4</b> )
5	अस्पताली कचरा संयंत्र की स्थापना से यहाँ क्षेत्र में प्रदूषण की समस्या हो जाएगी जबकि इस संयंत्र की यहाँ कोई आवश्यकता नहीं है।	A CBWTF is a plant to treat the biomedical waste in a scientific manner which would have thrown otherwise over the dumping ground or any other vacant land if CBWTF had not been established.  Any person with common understanding of science can conclude that CBWTF is a solution not the problem.  Also, the compliance of conditions stipulated in EC letter, CTE/CTO letters and guidelines of CPCB/UPPCB make sure that no

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AV BIOMEDICAL WASTE SERVICES  
  
 PARTNER



GST : 09ABUFA6591R15

PAN : ABUFA6591R

## AV BIOMEDICAL WASTE SERVICES

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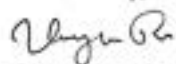
Date : .....

		pollution is created by the CBWTF during operation.
--	--	---

In view of the above, it is requested to please accept our submission and close the matter.

Thanking You

Yours Sincerely,



Mr Vinay Kumar Rai  
Authorized Signatory  
M/S A V Biomedical Waste Services

Enclosed : All Annexure

Plant Address

1. Village Maleya Tehsil Sandila, District - Hardoi, Uttar Pradesh
2. Village Rajdhani, Post Nautanwa, District Meeraganj, U.P.
3. Plot No. A-2/36 Sector 15 at Gorakhpur Industrial Development Authority (GIDA), Gorakhpur



AV BIOMEDICAL WASTE SERVICES



PARTNER

- The project proponent vide its letter dated 07/06/2023 also submitted gap analysis report issued by RO, UPPCB, Gorakhpur as per the revised guidelines for Common Bio-medical Waste Treatment and Disposal Facilities of Central Pollution Control Board wherein:

ANNEXURE-1

Coverage area-wise gap analysis for assessing additional BMW treatment capacity requirement

S.No	Coverage area	No. of HCs		No. of Beds covered	Total estimated BMW generation in kg/day	Total existing treatment capacity in kg					Total BMW treated and disposed in kg/Day	Gap between BMW generation and the existing BMW treatment Capacity in kg	Remarks (Whether additional Treatment Capacity is required or not)																																																												
		Bedded	Non Bedded			Incinerator (kg/hr)	Autoclaving (kg/hr)	Chemical Disinfection	Deep Burial	Any other mode of disposal			Yes	No																																																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14																																																												
1	Gorakhpur			14761	18761																																																																				
2	Deoria			2217	5217	250																																																																			
3	Maharajgarh			1003	1003	250																																																																			
4	Nauchanagar			1001	1001																																																																				
<table> <tr> <th colspan="2">Total (kg/day)</th><th>11780</th><th>11780</th><th>750</th><th>1st Year</th><th>2nd Year</th><th>3rd Year</th><th>4th Year</th><th>5th Year</th></tr> <tr> <td colspan="2">Treatment of Hospital &amp; Health Care waste (kg/day)</td><td>11780</td><td></td><td></td><td>2500.0</td><td>28248.00</td><td>31273.500</td><td>34180.8750</td><td>37100</td></tr> <tr> <td colspan="2">Considering 80% of incinerable waste</td><td>9424</td><td>9424</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="2">Maximum incinerable waste can be treated</td><td></td><td></td><td>7500</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="2">Gap in incinerable waste treatment (kg/day)</td><td></td><td></td><td>11780</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="2">Incineration capacity (kg/day)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>														Total (kg/day)		11780	11780	750	1st Year	2nd Year	3rd Year	4th Year	5th Year	Treatment of Hospital & Health Care waste (kg/day)		11780			2500.0	28248.00	31273.500	34180.8750	37100	Considering 80% of incinerable waste		9424	9424							Maximum incinerable waste can be treated				7500						Gap in incinerable waste treatment (kg/day)				11780						Incineration capacity (kg/day)									
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Incineration capacity (kg/day)																																																																									

TO TREAT REMAINING BIO-MEDICAL WASTES OF APPROX 24 TON AND EXTRA 4000 OF APPROX 14000, ONE ADDITIONAL FACILITY IS REQUIRED IN THE ZONE

Geo Co-ordinates of EC & CTE Granted CBWTF units in District- Maharajgarh & Deoria

1. M/S JKN PURVANCHAL CBWTF WORKS, DEORIA

26°38'33.09"N

83°44'56.74"E

2. A V Biomedical Waste Services, Nautanwa, Maharajgarh

27°22'13.82"N

83°23'51.22"E

Pankaj Yadav  
Digitally signed by Pankaj Yadav  
Date: 2023.04.26  
17:03:27 +05'30'

AV BIOMEDICAL WASTE SERVICES  
PARTNER



**RESOLUTION AGAINST AGENDA NO. 03**

The committee discussed the matter on the basis of documents and presentation made before SEAC and reply dated 07/06/2023 submitted by the project proponent on the above complaints letters and it seems satisfactory. Hence, the committee recommended grant of environmental clearance for the project proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

**Additional Conditions:**

1. Proposed CBWTF shall comply with the revised guidelines issued by CPCB on December 21st 2016 with respect to location criteria.
2. In case, the number of beds is exceeding >10,000 beds in a locality and the existing treatment capacity is not adequate, in such a case, a new CBWTF may be allowed in such a locality in compliance with various provisions notified under the location. Environment (Protection) Act, 1986, to cater services only to such additional bed strength of the HCFs.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. Proponent shall comply with the action plan and CSR plan submitted by PP/consultant at the time of EIA presentation.
5. The project proponent should develop green belt in the CBWTF unit as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
6. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.

**Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

- I. Statutory compliance:
  1. The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and be approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
  4. The project proponent shall obtain Consent to establish/Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
  5. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 2001 including section 129 to 137 of Central Motor Vehicle Rules 1989.
  6. The project shall fulfill all the provisions of hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2016 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration — 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerators shall be followed.
  7. The project proponent shall obtain the necessary permission from the Central Ground Water

Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.

8. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
9. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities

II. Air quality monitoring and preservation:

1. The project proponent shall install an emission monitoring system including Dioxin and furans in monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online serves and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
3. Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, to achieve Total Organic Carbon (TOC) content in the slag and bottom ashes less than 3% or their loss on ignition is less than 5% of the dry weight of the material.
4. Venture scrubber (alkaline) should be provided with the incinerator with stack of adequate height (Minimum 30 meters) to control particulate emission within 50 mg/Nm<sup>3</sup>.
5. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply with prescribed standards. All necessary air pollution control devices (quenching, Venturi scrubber, mist eliminator) should be provided for compliance with emission standards.
6. Masking agents should be used for odour control.

III. Water quality monitoring and preservation:

1. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. Waste water generated from the facility shall be treated in the ETP and treated waste water shall be reused in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should be maintained.
3. Process effluent/any waste water should not be allowed to mix with storm water.
4. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from the competent authority shall be obtained for use of fresh water.
5. A sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
6. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
7. The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.
8. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground water abstraction points and records for the same shall be maintained regularly.
9. Rain water runoff from the hazardous waste storage area shall be collected and treated in the effluent treatment plant.

- IV. Noise monitoring and prevention:
  - 1. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night-time.
- V. Energy Conservation measures:
  - 1. Provide solar power generation on roof tops of buildings, for the solar light system for all common areas, street lights, parking around the project area and maintain the same regularly;
  - 2. Provide LED lights in their offices and residential areas
- VI. Waste management:
  - 1. Incinerated ash shall be disposed of at approved TSDF and MoU made in this regard shall be submitted to the Ministry prior to the commencement.
  - 2. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016.
  - 3. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project.
  - 4. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016
  - 5. No landfill site is allowed within the CBWTF site.
  - 6. The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.
- VII. Green Belt:
  - 1. Green belt shall be developed in the area as provided in project details, with native tree Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- VIII. Public bearing and Human health issues:
  - 1. Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.
  - 2. Proper parking facility should be provided for employees & transport used for collection & disposal of waste materials.
  - 3. Necessary provision shall be made for fire-fighting facilities within the complex.
  - 4. An emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - 5. An emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or the environment from fires, explosions or any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.
  - 6. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  - 7. Occupational health surveillance of the workers shall be done on a regular basis.
- IX. Corporate Environment Responsibility:
  - 1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.II I dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  - 2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any

infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.

3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  4. Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and not be diverted for any other purpose. Year rise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
  5. A self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- X. Miscellaneous:
1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed
  2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  3. The project proponent shall upload the status of compliance with the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at the environment clearance portal.
  5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  6. The criteria pollutant levels namely; SPM, RSPM, SP, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
  7. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitments made during Public hearings and also that during their presentation to the Expert Appraisal Committee.
  10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  11. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

12. The Ministry may revoke or suspend the clearance if the implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
14. The Regional Office of this Ministry shall monitor compliance with the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
15. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts/NGT and any other Court of Law relating to the subject matter.
16. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**4. "Building Stone (Granite Khanda, Boulder, Bailast (Gitti))" Project at Gata No.- 332 (Khand No.- 02), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, Shri Priyank Mishra, Area : 1.416 ha., 7868/SIA/UP/MIN/428497/2023**

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.- 02), Village- Kurauradang, Tehsil- Charkhari, District- Mahoba, U.P. (Leased Area- 1.416 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/428497/2023		
2.	File No. allotted by SEIAA, UP	7868		
3.	Name of Proponent	Shri Priyank Mishra S/o Shri Rakesh Kumar Mishra		
4.	Full correspondence address of proponent	R/o- Muhal Mugalpura, 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.- 332 (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.)	1.416 ha.		
12.	Max.& Min mRL within lease area	192 mRL- 181 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 22' 59.18"N	79° 48' 03.84"E
		B	25° 22' 56.84"N	79° 48' 07.43"E
		C	25° 22' 53.49"N	79° 48' 05.91"E
		D	25° 22' 56.22"N	79° 48' 01.90"E
14.	Total Geological Reserves	1625587 m <sup>3</sup>		
15.	Total Mineable Reserves	323527 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	226560 m <sup>3</sup>		
17.	Proposed Production / year	45312 m <sup>3</sup>		
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	12 meter (average)	
23.	Nearest metalled road from site	300m	
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	1.80
		Plantation	2.00
		Total	4.20
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. 2821/MMC-30/2022-23, Dated- 17.01.2023	
28.	Details of Lease Area in approved DSR	Page No.- 02, S.No.- 20	
29.	Proposed CER cost	1.40 Lakh	
30.	Proposed EMP cost	EMP in First Year - 13.80 Lakh EMP (Recurring Years) – 6.75 Lakh	
31.	Length and breadth of Haul Road.	Length- 300m, Width- more than 6.0 m	
32.	No. of Trees to be Planted	2000	
33.	Monitoring Period	March to May, 2023	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 13/04/2023 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 Priyank Mishra S/o Shri Rakesh Kumar Mishra for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 332 (Khand No.- 02), Village- Kuraadang, Tehsil- Charkhari, District- Mahoba, U.P. (Applied Area : 1.416 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 Parivesh Portal.
- I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
- 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.
- 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. During the EIA presentation latest KML of site pillar should be presented.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

**5. Corporate Building at Plot No. 02, Sector-127, Noida, U.P., M/s. Business Bay Corporate Tower Pvt. Ltd., Vinesh Chadha, File No. 7870/SIA/UP/INFRA2/428665/2023**

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 Rian Enviro Private Limited. 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 Corporate Building at Plot No. 02, Sector-127, Noida, U.P., M/s. Business Bay Corporate Tower Pvt. Ltd.
2. The project involves development of three towers, Tower A & B is B1+B2+G+12 floors & Tower C is B1+B2+G Floors
3. Salient features of the project:

S. No.	DESCRIPTION	VALUES
1.	Total Plot Area	20000 m <sup>2</sup>
2.	Proposed Ground Coverage	5802.90 m <sup>2</sup> (29% of Plot area)
3.	Green Area (Hard & soft) Provided @ 36%	7226 m <sup>2</sup> (36 % of Plot area)
4.	Built up area	63800.41 m <sup>2</sup>
5.	Estimated Office Population (Employees + Visitors)	3300
6.	Total water requirement (One time)	177 KLD
7.	Fresh water requirement	78 KLD
8.	Treated water requirement	99 KLD
9.	Wastewater generation	124 KLD
10.	STP capacity	1 X 150 KLD (MBR Technology)
11.	Total solid waste generated	480 Kg/Day Biodegradable Waste: 288 Kg/day Non-Biodegradable Waste: 192 Kg/day
12.	Total Project Cost	INR 150 Crores
13.	Maximum Height of building	Max. 40 m
14.	Total power requirement	1500 KW (Source : UPSEB)
15.	DG Sets	3 DG sets-1500 KVA (3X500 KVA)
16.	Ground water recharge system	4 (12.56 Cubic meter)

**4. Detailed area statement:**

S. No.	Description	Area in Sqm	% of Plot area
1	Plot Area	20000	100
2	Permissible Ground Coverage (@30% of total project area)	6000	
3	Proposed Ground Coverage (@29% of total project area)	5802.90	21.43
4	Proposed Greenbelt Area (Tree Plantation)	4204.073	21.02
5	Proposed Green area (Turf)	3022.061	15.1
6	Proposed Road Area and Paved area	6149.82	30.7
8	Proposed Surface Parking Area	821.18	4.10
i	Permissible FAR @150	30000	
iii	Proposed FAR @ 1.499	29995.18	
ii	Total Built-up Area	63800.41	
iii	Area under Basement	28864	

**5. Population details:**

S. No.	Population	Basis	Density	Number of Population
1.	Office Population	29997.26 sqm	1 person per 10 sqm of Office Space area	3000
2.	Visitors		10% of Office population	300
Total				3300

**6. Water requirement details:**

S. No	Description	Area in Sqm	Unit Population	Population	Unit water consumption	Total water	Fresh water	Flushing (kld)	Total Wastewater
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			n		on (lpcd)	require d (kld)	require d (kld)		er (kld) (80% of domestic +100% Total flushing)
1	Office Complex	29997.256	1 Person @ 10 Sqm.	3000	45 (25+20)	135.00	75.00	60	120
2	Visitors @ 10% of total Population	...	..	300	15 (10+5)	4.50	3	1.50	3.90
	Subtotal I					140	78	62	124
	Reuse of treated water								
1	Horticulture	7226.13	5 liter/sqm of Landscape area			0			
	Subtotal II					0			
	Grand Total I+II					140	78-57=21*	62	

**7. Waste water details;**

Generation of Waste Water per day	124 KLD (80% of freshwater + 100% flushing water)	
STP Capacity	150 KLD	Technology: MBR
Treated Water Requirement	99 KLD	

**8. Landscape plan:**

Total Plot Area	20000 sqm.
Proposed Landscape Area (Soft & Hard Green Area) @36%	7226 Sqm.
No. of Trees Required @ 1 tree /80 sq. m of Plot Area (Trees including Periphery + Green Belt + Avenue Plantation)	20000 / 80 = 250
Proposed No. of Trees	250

**9. Parking details:**

Permissible FAR	30000	Sqm.
Required CAR / ECS	30000/50	600 ECS
Proposed Car Parking		
Basement 1	11375/30	379 ECS
Basement 2	12367.51/18	687 ECS
Surface Parking	821.18/20	41 ECS
Total Parking Provided	1107 ECS	

**10. Solid waste details:**

S. No.	Category of Solid Waste	Waste Generation Rate	Formula	Total Population	Waste Generated	Bio-degradable	Non-biodegradable
1	Commercial Building	0.1 to 0.2 kg/cap/day	Total Population*0.15	3000	450	270	180
2	Visitor (10% of the Commercial Population)	0.05 to 0.2 kg/cap/day	Total Population*0.1	300	30	18	12
	Total			3300	480	288	192

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

The project proponent submitted an affidavit dated 07/06/2023 through which they have informed that:

“With reference to the Parivesh Proposal No. SIA/UP/Infra2/428665/2023, File No. 7870 for

out proposed project corporate building at plot no. 02, sector-127, Noida, U.P., M/s Business Bay Corporate Tower Pvt. Ltd. Mr. Vinesh Chadha, resident of plot no., C-13, 4<sup>th</sup> floor, Raj Gardedn City, Raj Nagar Extension, Ghaziabad, Uttar Pradesh as the signing authority and taking all relevant action for obtaining environmental clearance (EC) from SEIAA, U.P.. The name of Mr. Virendra Kuma r Chadha is a typographical error in the Form-1, Mr. Virendra Kumar Chadha is also a one of the directions in M/s Business Bay Corporate Tower Pvt. Ltd. hence, Mr. Vinesh Chadha is authorized for taking all required relevant decision and responsibility for Environmental Clearance (EC) to be issued by SEIAA, U.P. Hence, Environmental Clearance (EC) should be granted on the name of Mr. Vinesh Chadha only.”

The consultant (EIA Coordinator) also submitted an affidavit dated 07/06/2023 mentioning is as follows:

1. I, Muzaffar Ahamd, S/o Syed Iqbal Ahmad is EIA Coordinator of M/s Rian Enviro Private Limited.
2. I, have prepared the Form-1, 1A & Conceptual Plan for the proposal Corporate Building at Plot No. 02, Sector-127, Noida, U.P., M/s. Business Bay Corporate Tower Pvt. Ltd. with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/information submitted along with application/EIA/EMP is true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. The Form-1, 1A & Conceptual Plan report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 05**

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

#### **Additional Conditions:**

1. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
3. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
5. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
6. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
7. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
8. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.

**Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

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

pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
  2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
  6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
  7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
  8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
  11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
  12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
  13. All recharge should be limited to shallow aquifer.
  14. No ground water shall be used during construction phase of the project.
  15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
  16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
  18. No sewage or untreated effluent water would be discharged through storm water drains.

19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
  1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
  2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
  1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
  4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
  5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
  6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
  1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.

3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
  1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
  1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
    - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - b. Traffic calming measures.
    - c. Proper design of entry and exit points.
    - d. Parking norms as per local regulation.
  2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority

for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

9. Human health issues :

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.

10. Corporate Environment Responsibility:

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

11. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.

7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**6. "Building Stone (Sand stone) Mining" located at Araj No - 399, in Village: Jigna, Tehsil-Chunar, District -Mirzapur, Shri Om Prakash Singh, Area- 0.606 Ha., 7872/6722/SIA/UP/MIN/428683/2023**

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

1. The environmental clearance is sought for "Building Stone (Sand stone) Mining" at Araj No - 399, Village: Jigna, Tehsil-Chunar, District -Mirzapur, U.P., (Leased Area- 0.606 Ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 323/Parya/SEIAA/6722/2022, Dated 30/12/2022
3. The Public Hearing was organized on 15/03/2023. Final EIA Report was submitted by the Project Proponent on 09/05/2023.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/428683/2023
2. File No. allotted by SEIAA, UP	7872/6722
3. Name of Proponent	Shri Om Prakash Singh S/O Shri Lal Bhadur Singh
4. Full correspondence address of proponent and mobile no.	R/O- Kanhaipur, Ahraura Dist: Mirzapur (U.P.).
5. Name of Project	Building Stone (Sand Stone)Mining Project
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 399
7. Name of River	NA
8. Name of Village	Jigna
9. Tehsil	Chunar
10. District	Mirzapur (U.P)



11. Name of Minor Mineral	Building Stone (Sand Stone)Mining Project		
12. Sanctioned Lease Area (in Ha.)	0.606 Ha.		
13. Mineable Area (in Ha.)	0.482 ha.(Safety area 0.1240 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 99 mRL Minimum mRL 95 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°02'18.0"N	83°03'40.2"E
	B	25°02'20.3"N	83°03'45.5"E
	C	25°02'19.5"N	83°03'46.0"E
	D	25°02'18.0"N	83°03'42.8"E
	E	25°02'16.8"N	83°03'43.3"E
	F	25°02'16.1"N	83°03'41.6"E
17. Total Geological Reserves	68,060 m <sup>3</sup>		
18. Total Mineable Reserves	30,300 m <sup>3</sup>		
19. Total Proposed Production (in five year)	30,300 m <sup>3</sup>		
20. Proposed Production/year	6,060 m <sup>3</sup> per year		
21. Sanctioned Period of Mine lease	20 Year		
22. Total proposed production from 20 Years	121200 m <sup>3</sup>		
23. Production of mine/day	NA		
24. Method of Mining	Open cast, semi-mechanized		
25. No. of working days	250		
26. Working hours/day	8 hours/day		
27. No. Of workers	28		
28. No. Of vehicles movement/day	1-2 Vehicles movement/day		
29. Type of Land	Government land (rocky barren)		
30. Ultimate Depth of Mining	8.5 meter as per Approved mining plan		
31. Nearest metalled road from site	SH-5A about 1.90 km towards West direction from the project site.		
32. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking water		0.38 KLD
	Suppression of dust		1.08 KLD
	Plantation		1.0 KLD
	Others (if any)		-
	Total		2.46 KLD (approx.)
33. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0020 (Rev01) and valid up to 21 January, 2024		
34. Any litigation pending against the project or land in any court	No		
35. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. - 493/Khanij/क्र०स०/2021 date 22/6/2021		
36. Details of Lease Area in approved DSR	Yes, Letter no: 844/Khanij/2022 Dated: 28/06/2022		
37. Proposed EMP cost	Rs. 11,39,000/-		
38. Total Project cost	Rs. 65,00,000/-		
39. Length and breadth of Haul Road	120 m length and 6.0 m width		
40. No. of Trees to be Planted	1000		

- 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 30/05/2023 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 EIA project report for the Proposal No. SIA/UP/MIN/428683/2023 (File No. – 7872/6722), “Building Stone (Sand stone) Mining” at Arajai No - 399, Village: Jigna, Tehsil-Chunar, District -Mirzapur, U.P., (Leased Area- 0.606 Ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EIA/EMP presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 06**

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

1. Project proponent has committed to plant 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.

**7. “Building Stone (Granite Khanda, Boulder, Ballast)” Mining Project at Araj No.-93 (Khand No.- 17), Village: Bari, Tehsil: Sadar, District: Mahoba, Virendra Singh, Area: 1.012 Ha., 7874/SIA/UP/MIN/428758/2023**

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 Globus Environment Engineering Services. 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, Ballast)” Mining Project at Araj No.- 93, (Khand No.- 17), Village: Bari, Tehsil: Sadar, District: Mahoba, U.P., (Leased Area: 1.012 Ha.).
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/428758/2023		
File no. allotted by SEIAA,UP	7874		
Name of Proponent	ShriVirendra Singh S/o Shri Babu Singh		
Full correspondence address of proponent and mobile no.	R/O: 111/239, Harsh Nagar, Thana Nazirabad R. K. Nagar, Kanpur Nagar, Uttar Pradesh Pin Code: 208012		
Name of Project	Building Stone/ Khanda, Boulder, Gitti, Ballast Mine		
Project location (Plot/Khasra/Gata No.)	Araj No.93(Khand - 17)		
Name of River	-		
Name of Village	Bari		
Tehsil	Sadar		
District	Mahoba, U.P.		
Name of Minor Mineral	Building Stone “Khanda, Boulder, Gitti, Ballast”		
Sanctioned Lease Area (in Ha.)	Total Lease Area: 1.012Ha		
Mineable Area (in Ha.)	1.012 Ha		
Zero Level mRL	-		
Max. & Min mRL within lease area	Highest Point : 175mRL Lowest Point : 163mRL		
Pillar Coordinates (Verified by DMO)  (Source: Verified Khasra Map)	Sanction Lease Area Co-ordinate		
	Pillars	Latitude (N)	Longitude (E)
	A	25°24'54.77"N	79°55'1.15"E
	B	25°24'54.01"N	79°55'2.66"E
	C	25°24'47.36"N	79°54'59.77"E
	D	25°24'48.32"N	79°54'58.44"E
Total Geological Reserves (Source: Approved Mining Plan)	3,58,425m <sup>3</sup>		
Total Mineable Reserves (Source: Approved Mining Plan)	1,69,801 m <sup>3</sup>		
Total Proposed Production (in five years)	1,61,920 m <sup>3</sup>		
Proposed Production/year	32,384 m <sup>3</sup> per annum		
Sanctioned Period of Mine lease	10 years		

Method of Mining	Opencast, semi-mechanized	
No. of Working days	260 Days	
Working hours/day	8 -10 hours/day	
No. Of Workers	33	
No. of vehicles movement/day	9 Units (Assumed Loading Capacity: 40T/Unit)	
Type of Land	State Government Land	
Ultimate Depth of Mining	30 m (175 mRL – 145 mRL) (Source: Approved Mining Plan)	
Nearest metalled road from site	430 m	
Water Requirement	Purpose	Requirement (KLD)
	Drinking	0.165
	Suppression of Dust	3.01
	Plantation	2.024
	Total	5.20
Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/2124/RA0245, Validity Till August 24/2024	
Any litigation pending against the project or hand in any court	No	
Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Mahoba Letter No. 2816/ एम. एम. सी 30/2022-23, Dated:17-01-2023	
Details of Lease Area in approved DSR	Approved DSR, Mahoba Page No 87,Sr No. 104	
Proposed CER Cost	Rs. 2.81 Lakhs (2% of the total Project Cost)	
Proposed EMP Cost	Rs. 23.20 Lakhs	
Length and width of Approach Road	Approach Road Length 430 m & Width 7 m	
No. of Trees to be Planted	1012 Trees	

- 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 31/05/2023 mentioning is as follows:

- I Mr. Akhilesh Gupta S/o Sri. Omkar Gupta is EIA Coordinator of M/s Globus Environment Engineering Services.
- I have prepared the TOR report for the Proposal (SIA/UP/MIN/428758/2023) in Name “Building Stone (Granite Khanda, Boulder, Ballast)” Mining Project at Arajhi No. 93 (Khand No. 17) of Area: 1.012 Ha, Village: Bari, Tehsil: Sadar, District: Mahoba, State: Uttar Pradesh 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 that all the necessary data/ information submitted along with Application are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
- I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report. (If and as required): Not Applicable.

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

**8. “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 122 (Khand No.- 01), Village- Chitaiyan, Tehsil- Mahoba, District- Mahoba, ShriMohit Singh, Area : 0.809 ha., 7876/SIA/UP/MIN/428525/2023**

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 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.- 122 (Khand No.- 01), Village- Chitaiyan, Tehsil- Mahoba, District- Mahoba, U.P. (Leased Area : 0.809 ha.).

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

1.	On-line proposal No.	SIA/UP/MIN/428525/2023		
2.	File No. allotted by SEIAA, UP	7876		
3.	Name of Proponent	Shri Mohit Singh S/o Shri Brijnandan Singh		
4.	Full correspondence address of proponent	R/o- 25 kh, Vill.-Saidpur, 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.- 122 (Khand No.- 01)		
7.	Name of Village	Chitaiyan		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	0.809 ha.		
12.	Max.& Min mRL within lease area	290 mRL- 270 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 11' 12.57"N	79° 44' 16.98"E
		B	25° 11' 12.54"N	79° 44' 18.99"E
		C	25° 11' 07.69"N	79° 44' 18.38"E
		D	25° 11' 08.08"N	79° 44' 16.43"E
14.	Total Geological Reserves	876540 m <sup>3</sup>		
15.	Total Mineable Reserves	145590 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	144610 m <sup>3</sup>		
17.	Proposed Production / year	28922 m <sup>3</sup>		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	36 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Ultimate Depth of Mining	18 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	1.00	
		Total	2.00	
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. 3057/MMC-30/2022-23, Dated- 09.02.2023		

28.	Details of Lease Area in approved DSR	Page No.-02, S.No.- 38
29.	Proposed CER cost	1.35 Lakh
30.	Proposed EMP cost	EMP in First Year - 11.45 Lakh EMP (Recurring Years) – 7.00 Lakh
31.	Length and breadth of Haul Road.	Length- 100m, Width- more than 6.0 m
32.	No. of Trees to be Planted	1000
33.	Monitoring Period	March – May 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 13/04/2023 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 Mohit Singh S/o Shri Brijnandan Singh for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 122 (Khand No.- 01), Village- Chitaiyan, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 0.809 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. 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. During the EIA presentation latest KML of site pillar should be presented.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and

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

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

**9. “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Gata No.- 93 (Khand No.- 08), Village- Bari, Tehsil- Mahoba, District- Mahoba, Smt. Sukirti Singh, Area : 1.012 Ha., 7878/SIA/UP/MIN/428547/2023**

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.- 93 (Khand No.- 08), Village- Bari, Tehsil- Mahoba, District- Mahoba, U.P. (Leased Area- 1.012 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/428547/2023
2.	File No. allotted by SEIAA, UP	7878
3.	Name of Proponent	Smt. Sukirti Singh W/o Shri Ramkishore Singh
4.	Full correspondence address of proponent	R/o- 625 K, Bajrang Chauk, Gandhi Nagar, Tehsil &



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		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.- 93 (Khand No.- 08)		
7.	Name of Village	Bari		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	1.012 ha.		
12.	Max.& Min mRL within lease area	178 mRL- 166 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 24' 53.39"N	79° 55' 19.32"E
		B	25° 24' 51.95"N	79° 55' 21.00"E
		C	25° 24' 48.01"N	79° 55' 21.01"E
		D	25° 24' 50.27"N	79° 55' 17.17"E
14.	Total Geological Reserves	931431 m <sup>3</sup>		
15.	Total Mineable Reserves	212202 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	161920 m <sup>3</sup>		
17.	Proposed Production / year	32384 m <sup>3</sup>		
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	12 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, Mahoba vide Letter No. 3030/MMC-30/2022-23, Dated- 07.02.2023		
28.	Details of Lease Area in approved DSR	Page No.- 87, S.No.- 95		
29.	Proposed CER cost	1.40 Lakh		
30.	Proposed EMP cost	EMP in First Year - 13.80 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		
33.	Monitoring Period	March to May, 2023		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 13/04/2023 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 Smt. Sukirti Singh W/o Shri Ramkishore Singh for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 93 (Khand No.- 08), Village- Bari, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 1.0120 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. 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. During the EIA presentation latest KML of site pillar should be presented.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivash Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.

11. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

**10. "Sand/Morrum Mine", Riverbed of Yamuna River, Village- Ramnagar Kauhan, Gata No.- 144, 40, 36, 32, 68, 5 (Khand No.- RK1A), Tehsil- Sadar, District- Fatehpur, Smt. Rajni Jaiswal, Area- 34.81 Ha., 7880/SIA/UP/MIN/428800/2023**

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/ AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Sand/ Morrum Mining from Riverbed of Yamuna River from Araj/Gata No.- 144, 40, 36, 32, 68, 5, Village – Ramnagar Kauhan, Tehsil- Sadar, District- Fatehpur, Uttar Pradesh, (Leased Area- 34.81 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/428800/2023						
2.	File No. allotted by SEIAA, UP	7880						
3.	Name of Proponent	Smt. Rajni Jaiswal						
4.	Full correspondence address of proponent and E-mail Id	R/o- House No.- 28/36, Agaganj Jaitpura, Thana- Jaitpura, Tehsil- Sadar, District- Varanasi, Uttar Pradesh E-mail Id- rajnijais196@gmail.com						
5.	Name of Project	"Sand/ Morrum mine" from Riverbed of Yamuna River located at Gata No.- 144, 40, 36, 32, 68, 5, Area- 34.81 ha, Village - Ramnagar Kauhan, Tehsil - Sadar, District - Fatehpur, Uttar Pradesh by Smt. Rajni Jaiswal						
6.	Project Location (Plot.Khasra/Gata No.)	Araj/Gata no.- 144, 40, 36, 32, 68, 5, Village - Ramnagar Kauhan, Tehsil - Sadar, District - Fatehpur, Uttar Pradesh						
7.	Name of River	Yamuna River						
8.	Name of Village	Ramnagar Kauhan						
9.	Tehsil	Sadar						
10.	District	Fatehpur						
11.	Name of Minor Mineral	Sand/ Morrum mine						
12.	Sanctioned Lease Area (in Ha.)	34.81 ha.						
13.	Max. & Min mRL within lease area	Highest mRL is 87 & Lowest is 85 mRL						
14.	Pillar Coordinates (Verified by DMO)	Coordinates of the sanctioned lease area- <table border="1"> <thead> <tr> <th>PILLAR NO.</th><th>LATITUDE</th><th>LONGITUDE</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°40.882' N</td><td>80°52.780' E</td></tr> </tbody> </table>	PILLAR NO.	LATITUDE	LONGITUDE	A	25°40.882' N	80°52.780' E
PILLAR NO.	LATITUDE	LONGITUDE						
A	25°40.882' N	80°52.780' E						

		A1	25°40.877' N	80°52.733' E
		A2	25°40.840' N	80°52.735' E
		A3	25°40.860' N	80°52.439' E
		A4	25°40.906' N	80°52.128' E
		B	25°41.012' N	80°51.798' E
		C	25°40.881' N	80°51.738' E
		C1	25°40.740' N	80°52.055' E
		D	25°40.800' N	80°52.082' E
		E	25°40.803' N	80°52.230' E
		E1	25°40.746' N	80°52.229' E
		F	25°40.760' N	80°52.511' E
		F1	25°40.780' N	80°52.680' E
		G	25°40.750' N	80°52.791' E
15.	Total Geological Reserves	10,44,300 m <sup>3</sup>		
16.	Total Mineable Reserve (as per Approved Mine Plan)	3,48,100 m <sup>3</sup>		
17.	Total Proposed Production	3,48,100 m <sup>3</sup> in 6 months		
18.	Proposed Production	3,48,100 m <sup>3</sup> in 6 months		
19.	Sanctioned Period of Mine lease	6 Months		
20.	Method of Mining	Opencast, Semi-Mechanized		
21.	Working hours/day	8		
22.	No. of worker	197		
23.	No. of vehicles movement/day	194		
24.	Type of Land	Govt. land/Riverbed		
25.	Ultimate of Depth of Mining	1.10 m		
26.	Nearest metalled road from site	1000 m		
27.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.97 KLD
		Suppression of dust		5.0 KLD
		Plantation		0.60 KLD
		Others (if any)		-
		Total		7.57 KLD
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025		
29.	Any litigation pending against the project or land in any court	No		
30.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 250/30- Khanij( 2023-24) Dated on 15.04.2023		
31.	Baseline data collection period	March to May 2023 (Intimation letter submitted)		
31.	Details of Lease Area in approved DSR	34.81 ha.		
32.	Proposed CER cost	Rs. 7.5 lakhs		
33.	Proposed EMP cost	EMP cost- 8.0 lakhs as Capital Cost and 5.0 lakhs as Recurring Cost		
34.	Distance of Haul Road	1000 m		
35.	No. of Trees to be Planted	100		

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 12/04/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma am EIA Coordinator of AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the TOR application report of the proposal Sand/ Morrum Mining from Riverbed of Yamuna River from Araji/Gata No.- 144, 40, 36, 32, 68, 5, Village – Ramnagar Kauhan, Tehsil- Sadar, District- Fatehpur, Uttar Pradesh, (Leased Area- 34.81 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 TOR 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 application 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. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. 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 notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP 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.

**11. Expansion of existing Sugar unit from 5000 TCD to 10000 TCD and expansion in co-gen power capacity from 8.0 MW to 15.0 MW within existing industry premises at Village: Rani Nangal, Tehsil: Thakurdwara, District: Moradabad, Shri Ashish Awasthi, M/s Triveni Engineering & Industries Limited., 7882/SIA/UP/IND2/428808/2023**

**RESOLUTION AGAINST AGENDA NO. 11**

The Secretariat informed the committee that the standard terms of reference for the above project has already been issued through online Parivesh Portal on 17/05/2023 for the preparation of environment impact assessment report regarding the project. Hence, no action is required in the matter at SEAC level.

**12. “Building Stone (Granite Khanda, Boulder, Ballast)” Mining Project at Araj No.- 93 (Khand No. 25) Village: Bari, Tehsil: Sadar, District: Mahoba, Smt. Prema Devi, Area: 1.012 Ha., 7884/SIA/UP/MIN/428998/2023**

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 Globus Environment Engineering Services. 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, Ballast)” Mining Project at Araj No.- 93 (Khand No.- 25) Village: Bari, Tehsil: Sadar, District: Mahoba, U.P., (Leased Area: 1.012 Ha.).
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/428998/2023
File no. allotted by SEIAA,UP	7884
Name of Proponent	Smt. Prema Devi W/o Shri Amar Singh
Full correspondence address of proponent and mobile no.	R/O: 24, Manjhupur, Saiyyad Bada, District: Hamirpur, Uttar Pradesh
Name of Project	Building Stone/ Khanda, Boulder, Gitti, Ballast Mine
Project location (Plot/Khasra/Gata No.)	Araj No.93(Khand - 25)
Name of River	-
Name of Village	Bari
Tehsil	Sadar
District	Mahoba, U.P.
Name of Minor Mineral	Building Stone “Khanda, Boulder, Gitti, Ballast”
Sanctioned Lease Area (in Ha.)	Total Lease Area: 1.012Ha
Mineable Area (in Ha.)	1.012 Ha

Zero Level mRL	-		
Max. & Min mRL within lease area	Highest Point : 176mRL Lowest Point : 166mRL		
Pillar Coordinates (Verified by DMO)	Sanction Lease Area Co-ordinate		
(Source: Verified Khasra Map)	Pillars	Latitude (N)	Longitude (E)
	A	25°24'56.58"N	79°54'47.76"E
	B	25°24'56.60"N	79°54'49.19"E
	C	25°24'56.73"N	79°54'50.26"E
	D	25°24'51.16"N	79°54'47.79"E
	E	25°24'52.15"N	79°54'45.98"E
Total Geological Reserves (Source: Approved Mining Plan)	2,96,640m <sup>3</sup>		
Total Mineable Reserves (Source: Approved Mining Plan)	1,69,951 m <sup>3</sup>		
Total Proposed Production (in five years)	1,61,920 m <sup>3</sup>		
Proposed Production/year	32,384 m <sup>3</sup> per annum		
Sanctioned Period of Mine lease	10 years		
Method of Mining	Opencast, semi-mechanized		
No. of Working days	260 Days		
Working hours/day	8 -10 hours/day		
No. Of Workers	33		
No. of vehicles movement/day	9 Units (Assumed Loading Capacity: 40T/Unit)		
Type of Land	State Government Land		
Ultimate Depth of Mining	24 m (176 mRL – 152 mRL) (Source: Approved Mining Plan)		
Nearest metalled road from site	430 m		
Water Requirement	Purpose	Requirement (KLD)	
	Drinking	0.165	
	Suppression of Dust	3.01	
	Plantation	2.024	
	Total	5.20	
Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/2124/RA0245, Validity Till August 24/2024		
Any litigation pending against the project or hand in any court	No		
Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Mahoba Letter No. 2818/ एम. एम. सी 30/2022-23, Dated:17-01-2023		
Details of Lease Area in approved DSR	Approved DSR,Mahoba Page No 88,Sr No. 112		
Proposed CER Cost	Rs. 2.81 Lakhs (2% of the total Project Cost)		
Proposed EMP Cost	Rs. 23.20 Lakhs		
Length and width of Approach Road	Approach Road Length 430 m & Width 7 m		
No. of Trees to be Planted	1012 Trees		

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 06/06/2023 mentioning is as follows:

1. I, Mr. Akhilesh Gupta S/o Sri. Omkar Gupta is EIA Coordinator of M/s Globus Environment Engineering Services.

2. I have prepared the TOR report for the Proposal (SIA/UP/MIN/428998/2023) in Name of “Building Stone (Granite Khanda, Boulder, Ballast)” Mining Project at Araj No. 93 (Khand No. 25) of Area: 1.012 Ha, Village: Bari, Tehsil: Sadar, District: Mahoba, State: Uttar Pradesh with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with Application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report. (If and as required): Not Applicable.
8. The TOR Application for the Proposal is prepared by me as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 12**

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

**Additional TOR:**

1. During the EIA presentation latest KML of site pillar should be presented.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.



11. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

**13. “Building Stone (Granite Khanda, Boulder, Ballast)” Araj No. -93 (Khand No. 24), Village: Bari, Tehsil: Sadar, District: Mahoba, Smt. Suvasha Singh, Area: 1.012 Ha., 7886/SIA/UP/MIN/429127/2023**

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 Globus Environment Engineering Services. 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, Ballast)” Araj No. -93 (Khand No.- 24), Village: Bari, Tehsil: Sadar, District: Mahoba, U.P., (Leased Area: 1.012 Ha.).
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/429127/2023		
File no. allotted by SEIAA,UP	7886		
Name of Proponent	Smt. Suvasha Singh W/o Shri Virendra Singh		
Full correspondence address of proponent and mobile no.	R/O: 111/265, Harsh Nagar, Thana Nazirabad, R.K. Nagar, Distt: Kanpur Nagar, Uttar Pradesh		
Name of Project	Building Stone/ Khanda, Boulder, Gitti, Ballast Mine		
Project location (Plot/Khasra/Gata No.)	Araj No.93(Khand - 24)		
Name of River	-		
Name of Village	Bari		
Tehsil	Sadar		
District	Mahoba, U.P.		
Name of Minor Mineral	Building Stone “Khanda, Boulder, Gitti, Ballast”		
Sanctioned Lease Area (in Ha.)	Total Lease Area: 1.012Ha		
Mineable Area (in Ha.)	1.012 Ha		
Zero Level mRL	-		
Max. & Min mRL within lease area	Highest Point :178mRL Lowest Point :166mRL		
Pillar Coordinates (Verified by DMO)  (Source: Verified Khasra Map)	Sanction Lease Area Co-ordinate		
	Pillars	Latitude (N)	Longitude (E)
	A	25°24'56.73"N	79°54'50.26"E
	B	25°24'56.97"N	79°54'52.24"E
	C	25°24'50.38"N	79°54'49.37"E
	D	25°24'51.16"N	79°54'47.79"E
Total Geological Reserves (Source: Approved Mining Plan)	3,57,348 m <sup>3</sup>		
Total Mineable Reserves	1,70,610 m <sup>3</sup>		

(Source: Approved Mining Plan)		
Total Proposed Production (in five years)	1,61,920 m <sup>3</sup>	
Proposed Production/year	32,384 m <sup>3</sup> per annum	
Sanctioned Period of Mine lease	10 years	
Method of Mining	Opencast, semi-mechanized	
No. of Working days	260 Days	
Working hours/day	8 -10 hours/day	
No. Of Workers	33	
No. of vehicles movement/day	9 Units (Assumed Loading Capacity: 40T/Unit)	
Type of Land	State Government Land	
Ultimate Depth of Mining	30m (178 mRL – 148 mRL) (Source: Approved Mining Plan)	
Nearest metalled road from site	470 m	
Water Requirement	Purpose	Requirement (KLD)
	Drinking	0.165
	Suppression of Dust	3.29
	Plantation	2.024
	Total	5.48
Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/2124/RA0245, Validity Till August 24/2024	
Any litigation pending against the project or hand in any court	No	
Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Mahoba Letter No. 2817/ एम. एम. सी 30/2022-23, Dated:17-01-2023	
Details of Lease Area in approved DSR	Approved DSR,Mahoba Page No 88,Sr No. 111	
Proposed CER Cost	Rs. 2.81 Lakhs (2% of the total Project Cost)	
Proposed EMP Cost	Rs. 23.20 Lakhs	
Length and width of Approach Road	Approach Road Length 470 m & Width 7 m	
No. of Trees to be Planted	1012 Trees	

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

- I Mr. Akhilesh Gupta S/o Sri. Omkar Gupta is EIA Coordinator of M/s Globus Environment Engineering Services.
- I have prepared the TOR report for the Proposal (SIA/UP/MIN/429127/2023) in Name of “Building Stone (Granite Khanda, Boulder, Ballast)” Mining Project at Araji No. 93 (Khand No. 24) of Area: 1.012 Ha, Village: Bari, Tehsil: Sadar, District: Mahoba, State: Uttar Pradesh 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 that all the necessary data/ information submitted along with Application are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.

6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report. (If and as required): Not Applicable.
8. The TOR Application for the Proposal is prepared by me as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 13**

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

**Additional TOR:**

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

**14. Sand Stone (Khanda, Boulder Gitti) Mine at Khasra No.- 1251, 1253, Khand No.-06, Village- Kohdar, Tehsil- Meja, District-Prayagraj, U.P., Shri Harsh Vardhan Bajpai, M/s Parerhat Infrastructure Ltd., Area-3.85 Ha., 7890/SIA/UP/MIN/429282/2023**

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

1. The terms of reference is sought for Building Stone Sand Stone (Khanda, Boulder Gitti) Mine at Khasra No.- 1251, 1253, Khand No.-06, Village- Kohdar, Tehsil- Meja, District-Prayagraj (U.P.), Leased Area : 3.85ha (9.50 acre), M/s Parerhat Infrastructure Ltd.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 429282/2023		
2.	File No. allotted by SEIAA, UP	7890		
3.	Name of Proponent	M/s Parerhat Infrastructure Ltd. Shri Harsh Vardhan Bajpai (Director)		
4.	Full correspondence address of proponent and mobile no.	R/O 109, Rambag, Prayagraj (U.P.)		
		Mobile no. –		
		E mail ID - bajpaivardhanharsh@gmail.com		
5.	Name of Project	Building Stone Sand Stone (Khanda, Boulder Gitti) Mine at Khasra , plot No. 1251, 1253 khand 06, Area 3.85ha (9.50acre) , Village- Kohdar, Tehsil- Meja, District-Prayagraj (U.P.) of M/s Parerhat Infrastructure Ltd.		
6.	Project Location (Plot. Khasra/Gata No.)	Khasra , plot No. 1251, 1253 khand 06		
7.	Name of River	Building stone Project, (Tones river – 2.50 km N)		
8.	Name of Village	Kohdar		
9.	Tehsil	Meja		
10.	District	Prayagraj		
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Gitty) Sandstone mine		
12.	Sanctioned Lease Area (in Ha.)	3.85 ha		
13.	Max. & Min mRL within lease area	Highest mRL - 125.50 mRL Lowest mRL - 111.10 mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar No	N	E
		A	25° 7'53.46"N	81°59'30.06"E
		B	25° 7'42.68"N	81°59'34.86"E
		C	25° 7'38.96"N	81°59'32.75"E
		D	25° 7'40.78"N	81°59'31.02"E
		E	25° 7'49.63"N	81°59'27.71"E
		F	25° 7'51.75"N	81°59'28.27"E
15.	Total Geological Reserves	13,25,776 m <sup>3</sup>		
16.	Total Mineable Reserve	6,41,514 m <sup>3</sup>		
17.	Total Proposed Production	6,33,334 m <sup>3</sup> (up to 03/07/2026 as per approved mine plan)		
18.	Proposed Production /year (as per Lol)	2022-23 : 33,334 m <sup>3</sup>		
		2023-24 : 2,00,000 m <sup>3</sup>		
		2024-25 : 2,00,000 m <sup>3</sup>		
		2024-26 up to 03/07/2026 : 2,00,000 m <sup>3</sup>		
		Total – 6,33,334 m <sup>3</sup> (as per approved mine plan)		
19.	Sanctioned Period of Mine lease	Plan Period 38 months up to 03/07/2026		
20.	Method of Mining	Opencast, Semi-mechanized		

21.	No. of worker	54
22.	Type of Land	Govt./Non Forest Land
23.	Depth of Mining	42 m
24.	Nearest metalled road from site	0.30 km
25.	Water Requirement	PURPOSE
		Drinking - 0.81 KLD
		Suppression of dust - 3.60 KLD
		Plantation - 0.40 KLD
		Others (if any) - 0.00 KLD
		Total - 4.81 ~5.0 KLD
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024
27.	Any litigation pending against the project or land in any court	No
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 129/Khanij/2023-24, dated 19/04/2023
29.	Details of Lease Area in approved DSR	Serial no. 43, Page no. 42
30.	Project Cost	82.22 Lacs
31.	Proposed CER cost	1.64 Lacs
32.	Length and breadth of Haul Road	Length – 0.30 km, Breadth – 6.00 m
33.	No. of Trees to be Planted	400

- 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 06/06/2023 mentioning is as follows:

- I Dr. Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh servicing Environment and Development.
- I have prepared ToR Application for the environment clearance of proposed Building Stone Sand Stone (Khanda, Boulder Gitti) Mine at Khasra , plot No. 1251, 1253, Khand 06, Area- 3.85ha (9.50acre), Village- Kohdar, Tehsil- Meja, District-Prayagraj (U.P.) of M/s Parerhat Infrastructure Ltd., Shri Harsh Vardhan Bajpai (Director) Proposal number: SIA/UP/MIN/ 429282/2023 with my team.
- I have personally visited the site of proposal and certify that approx 50% mineral exploited as per DEIAA EC dated 28/05/2018, for the period of 05 years from grant of EC or for the 9,45,968 m3 sand stone which will be earlier. Now validity of DEIAA EC has been expired.
- I am satisfied with that all the necessary data/information required for ToR Application preparations are true and correct.
- I certify that this project has been uploaded for the first time on Parivesh Portal.
- I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
- The ToR Application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 14**

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

**Additional TOR:**

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

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

**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.

**(Prof. Jaswant Singh)  
Member**

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

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

**(Tanzar Ullah Khan)  
Member**

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

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

**(Ashish Tiwari)  
Member-Secretary**

**Nodal, SEAC-2**

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

Annexure-1

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

**A. General Conditions:**

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> 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, SO<sub>2</sub>, NO<sub>x</sub>) 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 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

**B. Specific Conditions:**

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

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

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

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

**Annexure-2**

**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 PM<sub>10</sub>, 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.