

Minutes of 780th SEAC-1 Meeting Dated 01/09/2023

The 780th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 01/09/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 780th SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. Expansion of production capacity of 27,000 M.T. P.A to 88,000 M.T.P.A. for 1,15,00 TPA Ingot and 1,10,000 TPA TMT at Opp. Power House, Meerut Road, Sardhana, U.P., M/s Nawla Ispat Private Limited. Shri Sunil Kumar Jain, 8115/SIA/UP/IND1/440389/2023

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

1. The terms of reference is sought for Expansion of production capacity of 27,000 M.T. P.A to 88,000 M.T.P.A. for 1,15,00 TPA Ingot and 1,10,000 TPA TMT at Opp. Power House, Meerut Road, Sardhana, U.P., M/s Nawla Ispat Private Limited.

2. Project details:

Production capacity	Expansion from present production capacity of 27,000 M.T. P.A to 88,000 M.T.P.A. for 1,15,00 TPA Ingot and 1,10,000 TPA TMT		
Existing	5 Ton, 2 number Induction Furnaces		
Proposed	12 Ton, 3 number Induction Furnaces		
Area	2.29 Ha		
Geo coordinates	Pillar No(s)	Latitude(N)	Longitude(E)
	A	29° 7'25.17"N	77°36'25.00"E
	B	29° 7'26.16"N	77°36'25.88"E
	C	29° 7'26.87"N	77°36'24.56"E
	D	29° 7'28.87"N	77°36'25.79"E
	E	29° 7'27.76"N	77°36'28.12"E
	F	29° 7'29.75"N	77°36'29.19"E
	G	29° 7'28.90"N	77°36'31.86"E
	H	29° 7'22.04"N	77°36'31.38"E
S.No. In the schedule	3 (a), Metallurgical Industries (Ferrous and non-ferrous)		
Water	125 KLD make-up water for Cooling water		
Power	Power load required shall be 18000 KVA.		
Manpower	approx. 70 person		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 01/09/2023 mentioning as follows:-

1. I, Dr. Ritu Pandey, D/o Shri Shiv Kumar Pandey am EIA Coordinator of M/s ENV DAS (I) Pvt. Ltd., Lucknow.
2. I have prepared the TOR application for Expansion of production capacity of 27,000 M.T. P.A to 88,000 M.T.P.A. for 1,15,00 TPA Ingot and 1,10,000 TPA TMT at Opp. Power House, Meerut Road, Sardhana, U.P., M/s Nawla Ispat Private Limited, proposal no.- SIA/UP/IND1/440389/2022 with my team.
3. I have personally visited the site of project proposal and certify that no mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application/EIA/EMP are true and correct.
5. I certify that this project 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 EIA/EMP report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 01

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

Additional TOR:

1. Minimum 33% green belt should be developed around the periphery of the plant and shown during the EIA presentation.
2. Drone videography around the plant should be presented at the time of EIA.
3. Complete plan/proposal for slag utilization to be prepared and submitted.
4. Proposal for Air pollution control system along with primary and secondary system to control fugitive emissions to be submitted.
5. Compliance report of CPCB/SPCB direction/guidelines for this category of plants to be submitted.
6. Compliance report of CTE/CTO issued by UPPCB.

Standard terms of reference:

- 1) Executive Summary.
- 2) Introduction
 - i. Details of the EIA Consultant including NABET accreditation
 - ii. Information about the project proponent
 - iii. Importance and benefits of the project
- 3) Project Description:
 - i. Cost of project and time of completion.
 - ii. Products with capacities for the proposed project.
 - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any
 - iv. List of raw materials required and their source along with mode of transportation.
 - v. Other chemicals and materials required with quantities and storage capacities
 - vi. Details of Emission, effluents, hazardous waste generation and their management.
 - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)

- viii. Process description along with major equipments and machineries, process flow sheet (quantitative) from raw material to products to be provided
- ix. Hazard identification and details of proposed safety systems.
- x. Expansion/modernization proposals:
- xi. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
- xii. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
- iii. Details w.r.t. option analysis for selection of site
- iv. Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.
- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. Landuse break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area.
- x. Geological features and Geo-hydrological status of the study area shall be included.
- xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xiii. R&R details in respect of land in line with state Government policy.

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

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

- ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha)
- iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
- iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon
- v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area
- vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife

6) Environmental Status

- I. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
- II. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO₂, NO_x, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
- III. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAAQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- IV. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
- V. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
- VI. Ground water monitoring at minimum at 8 locations shall be included.
- VII. Noise levels monitoring at 8 locations within the study area.
- VIII. Soil Characteristic as per CPCB guidelines.
- IX. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
- X. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- XI. Socio-economic status of the study area.

7) Impact and Environment Management Plan

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

- III. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor cum-rail transport shall be examined.
- IV. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
- V. Details of stack emission and action plan for control of emissions to meet standards.
- VI. Measures for fugitive emission control
- VII. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- VIII. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- IX. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
- X. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
- XI. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- XII. Action plan for post-project environmental monitoring shall be submitted.
- XIII. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

8) Occupational Health:

- I. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
- II. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x-rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
- III. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
- IV. Annual report of health status of workers with special reference to Occupational Health and Safety.

9) Corporate Environment Policy

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

- II. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms /conditions? If so, it may be detailed in the EIA.
 - III. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
 - IV. Does the company have system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report.
 - 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 11) Enterprise Social Commitment (ESC)
- I. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
- 12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
- 13) A tabular chart with index for point wise compliance of above TOR.
1. Complete process flow diagram describing each unit, its processes and operations, along with material and energy inputs & outputs (material and energy balance).
 2. Details on blast furnace/ open hearth furnace/ basic oxygen furnace/ladle refining, casting and rolling plants etc.
 3. Details on installation/activation of opacity meters with recording with proper calibration system
 4. Details on toxic metals including mercury, arsenic and fluoride emissions
 5. Details on stack height requirement for integrated steel
 6. Details on ash disposal and management -Non-ferrous metal
 7. Complete process flow diagram describing production of lead/zinc/copper/ aluminium, etc.
 8. Raw materials substitution or elimination
 9. Details on smelting, thermal refining, melting, slag fuming, and Waelz kiln operation
 10. Details on Holding and de-gassing of molten metal from primary and secondary aluminum, materials pre-treatment, and from melting and smelting of secondary aluminium
 11. Details on solvent recycling
 12. Details on precious metals recovery
 13. Details on composition, generation and utilization of waste/fuel gases from coke oven plant and their utilization.
 14. Details on toxic metal content in the waste material and its composition and end use (particularly of slag).
 15. Trace metals Mercury, arsenic and fluoride emissions in the raw material.
 16. Trace metals in waste material especially slag.
 17. Plan for trace metal recovery
 18. Trace metals in water

2. **“Gitti/ Patthar” Project at Gata No.- 2450 (Khand No.- 02), Village- Jarar, Tehsil- Naraini, District- Banda, Shri Gaudeen Singh, M/s Gaudeen Singh Contractor & Supplier, Area : 2.00 ha., 8121/SIA/UP/MIN/440497/2023**

RESOLUTION AGAINST AGENDA NO. 02

The project proponent/consultant vide letter dated 01/09/2023 has informed that due to some unavoidable circumstances we are not able to attend the meeting and requested to list the matter in next SEAC meeting proposed on 12/09/2023. The committee discussed the matter and directed to list the matter in next SEAC meeting dated 12/09/2023 as requested by project proponent.

3. **“Gitti, Stone Mining Project” Gata No.- 35, Khand No.- 05, Village-Sangrampur, Tehsil – Atarra, District: Banda, Shri Suresh Singh, Area 2.0 Ha, 8125/SIA/UP/MIN/440284/2023**

RESOLUTION AGAINST AGENDA NO. 03

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.

4. **Riverbed “Ordinary Sand Mining” on the riverbed of Ganga River at Arazi No.- 2/5, Village- Nadini, Tehsil- Sadar, District- Mirzapur, Shri Bhupendra Pratap Singh, Area 5.0 ha., 8127/SIA/UP/MIN/440835/2023**

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

1. The terms of reference is sought for Ordinary Sand Mining at Arazi No. 2/5, Village- Nadini, Tehsil- Sadar, District- Mirzapur, U.P., (Leased Area 5.0 ha), M/s Rudra Mining and Company.
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/440835/2023			
File No. allotted by SEIAA, UP	8127			
Name of Proponent	M/s Rudra Mining And Company Prop. Shri Bhupendra Pratap Singh			
Full correspondence address of proponent and mobile No.	Registered Address: Village- Devgarh, Post- Shivdwar ,Ghorawal District- Sonbhadra, Uttar Pradesh			
	Mobile No-			
	Email-			
Name of Project	Nadini Ordinary Sand Mining Project on Ganga River			
Project location (Plot/Khasra/Gata No.)	Arazi No. 2/5			
Name of River	Ganga			
Name of Village	Nadini			
Tehsil	Sadar			
District	Mirzapur			
Name of Minor Mineral	Ordinary Sand			
Sanctioned Lease Area (in Ha.)	5.0			
Max & Min mRL within lease area	Max- 90 mRL and Min- 88 mRL			
Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude	
	A	25°15'13.64"N	82°23'31.94"E	

		B	25°15'14.54"N	82°23'39.12"E
		C	25°15'6.49"N	82°23'38.10"E
		D	25°15'5.40"N	82°23'30.85"E
Total Geological Reserves	1,26,813 cum			
Total Mineable Reserves in LOI	91,952 cum/year			
Total Proposed Production	91,952cum/year			
Proposed Production/year	91,952 cum			
Sanctioned Period of Mine lease	5 years			
Method of Mining	Open Cast Semi-mechanized Method			
No. of working days	260 days			
Working hours/day	8 hrs			
No. of workers	55			
No. of vehicles movement/day	27			
Type of Land	Government waste land			
Ultimate Depth of Mining	2.35			
Nearest metalled road from site	1.50 km			
Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		0.55	
	Suppression of dust		4.60	
	Plantation		5.00	
	Others (if any)		0.55	
	Total		10.70	
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 10-09-2023			
Any litigation pending against the project or land in any court	No			
tails of 500 m Cluster Map & certificate issued by Mining Officer	Yes given by Mining officer Ref No. 5307/M.M.C.-30 /2023-24 dated 27.07.2023			
Details of Lease Area in approved DSR	Yes, at Page No. 20 Sl. No. 14			
Proposed CER cost	Rs 2,00,000 /-			
Proposed EMP cost	Rs 9,58,000 /- recurring and capital including CER			
Length and breadth of Haul Road	Length: 0.383 km, width: 6 m			
No. of Trees to be Planted	5,000 plants			

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

The consultant (EIA Coordinator) also submitted an affidavit dated 18/08/2023 mentioning is as follows:

- I Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
- I have prepared TOR project for the proposal (SIA/UP/MIN/440835/2023) for Ordinary Sand Mining at Arazi No. 2/5, Village- Nadini, Tehsil- Sadar, District- Mirzapur, U.P., (Leased Area 5.0 ha), M/s Rudra Mining and Company with my team.
- I have personally visited the proposed site along with team and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information required for TOR preparations are true and correct.
- I certify that this project has been uploaded for the first time on Parivesh Portal.

6. I certify that there is no mismatch between information/data provided on online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The Form-1, PFR and EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 04

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

Additional TOR:

1. Baseline monitoring data should be collected for post monsoon season i.e. October to December, 2023.
2. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
3. 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.

5. Riverbed “Sand/Morrum Mining” on the riverbed of Ken River at Gata No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177 and 176 Mi, Village- Amlor Khadar, Tehsil- Pailani, District- Banda, Shri Ravindra Singh, M/s R. B. S. Infra, Area 25.29 ha., 8131/SIA/UP/MIN/440942/2023

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

1. The terms of reference is sought for Sand/Morrum Mining at Gata No. 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177 and 176 Mi, Village- Amlor Khadar, Tehsil- Pailani, District- Banda, U.P., (Leased Area 25.29 ha).
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/440942/2023		
File No. allotted by SEIAA, UP	8131		
Name of Proponent	M/s R. B. S. Infra Prop. Shri Ravindra Singh		
Full correspondence address of proponent and mobile No.	Registered Address: Madantusi Post- Rajamau Thana- Bachrawan, Tehsil -Sadar District -Raebareli (U. P.)		
	Mobile No-		
	Email-		
Name of Project	Amlor Khadar Sand/Morrum Mining Project on Ken River		
Project location (Plot/Khasra/Gata No.)	Gata No. 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177 and 176 Mi		
Name of River	Ken		
Name of Village	Amlor Khadar		
Tehsil	Pailani		
District	Banda		
Name of Minor Mineral	Sand/Morrum		
Sanctioned Lease Area (in Ha.)	25.29		
Max & Min mRL within lease area	Max- 110 mRL and Min- 109 mRL		
Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°44'58.32"N	80°21'32.95"E
	B	25°44'59.44"N	80°21'32.71"E
	C	25°44'59.35"N	80°21'31.73"E
	D	25°44'58.30"N	80°21'31.92"E
	E	25°44'51.01"N	80°21'18.30"E
	F	25°44'54.91"N	80°21'15.59"E
	G	25°44'16.42"N	80°22'53.42"E
	H	25°44'15.11"N	80°22'53.99"E
	I	25°44'11.29"N	80°22'52.30"E
	J	25°44'14.19"N	80°22'53.01"E
	K	25°44'26.62"N	80°22'43.09"E
	L	25°44'27.67"N	80°22'44.26"E
	M	25°44'43.04"N	80°22'28.58"E
	N	25°44'44.49"N	80°22'30.44"E
	O	25°44'52.69"N	80°22'15.70"E
	P	25°44'55.76"N	80°22'17.26"E
	Q	25°44'58.34"N	80°22'0.61"E

	R	25°45'0.96"N	80°22'1.53"E
Total Geological Reserves	2,62,560 cum		
Total Mineable Reserves in LOI	1,45,759 cum in 6 months		
Total Proposed Production	1,45,759 cum in 6 months		
Proposed Production/year	1,45,759 cum in 6 months		
Sanctioned Period of Mine lease	6 months		
Production of mine/day	809.77		
Method of Mining	Open Cast Semi-mechanized Method		
No. of working days	180 days		
Working hours/day	8 hrs		
No. of workers	41		
No. of vehicles movement/day	41		
Type of Land	Government waste land		
Ultimate Depth of Mining	0.835		
Nearest metalled road from site	1.0 km		
Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.41	
	Suppression of dust	7.54	
	Plantation	2.50	
	Others (if any)	0.41	
	Total	10.86	
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 10-09-2023		
Any litigation pending against the project or land in any court	No		
tails of 500 m Cluster Map & certificate issued by Mining Officer	Yes given by Mining officer Ref No. 2391/Khanij-30, Banda dated 31.07.2023		
Details of Lease Area in approved DSR	Yes, at Page No. 65 Sl. No. 71		
Proposed CER cost	Rs 13,00,000 /-		
Proposed EMP cost	Rs 31,08,000 /- recurring and capital including CER		
Length and breadth of Haul Road	Length: 0.628 km, width: 6 m		
No. of Trees to be Planted	2,500 plants		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 19/08/2023 mentioning is as follows:

- I Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
- I have prepared TOR project for the proposal (SIA/UP/MIN/440942/2023) for Ordinary Sand Mining at Arazi No. 2/5, Village- Nadini, Tehsil- Sadar, District- Mirzapur, U.P., (Leased Area 5.0 ha), M/s Rudra Mining and Company with my team.
- I have personally visited the proposed site along with team and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information required for TOR preparations are true and correct.
- I certify that this project has been uploaded for the first time on Parivesh Portal.

6. I certify that there is no mismatch between information/data provided on online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The Form-1, PFR and EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

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

Additional TOR:

1. Baseline monitoring data should be collected for post monsoon season i.e. October to December, 2023.
2. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
3. 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.

6. “Building Stone (Khanda, Boulder, Ballast)” Mining Project at Gata No.- 115 (Khand No. 01) Village: Habupura, Tehsil: Garautha, District: Jhansi, Shri Vijay Kumar Yadav, Area: 2.023 Ha., 8137/SIA/UP/MIN/441130/2023

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 (Khanda, Boulder, Ballast)” Mining Project at Gata No.- 115, (Khand No. 01) Village: Habupura, Tehsil: Garautha, District: Jhansi, U.P., (Leased Area: 2.023 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/441154/2023		
2. File no. allotted by SEIAA,UP	8137		
3. Name of Proponent	M/s V. S. Construction Prop. Shri Vijay Kumar Yadav S/o Shri Sushil Kumar Yadav		
4.Full correspondence address of proponent and mobile no.	Bachawali Buzurg, Post: Badagaon, Tehsil/District: Jhansi, Uttar Pradesh, Pin Code: 284121		
5. Name of Project	Building Stone (Khanda, Boulder, Ballast) Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 115, Khand No.: 01		
7. Name of River	-		
8.Name of Village	Habupura		
9. Tehsil	Garautha		
10.District	Jhansi, U.P.		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast		
12. Sanctioned Lease Area (in Ha.)	Total Lease Area: 2.023 ha		
13. Mineable Area (in Ha.)	2.023 Ha		
14. Zero Level mRL	-		
15. Max. & Min mRL within lease area	Highest Point :201.90mRL Lowest Point :182.10mRL		
16. Pillar Coordinates (Verified by DMO)	Sanction Lease Area Co-ordinate		
(Source: Verified Khasra Map)	Pillars	Latitude (N)	Longitude (E)
	A	25°34'59.53"N	79°13'27.78"E
	B	25°34'58.78"N	79°13'21.53"E
	C	25°35'00.15"N	79°13'21.46"E
	D	25°35'01.17"N	79°13'20.29"E
	E	25°35'02.27"N	79°13'22.70"E
	F	25°35'04.07"N	79°13'23.45"E
	G	25°35'04.78"N	79°13'24.23"E
17. Total Geological Reserves (Source: Approved Mining Plan)	6,43,674 m ³		
18. Total Mineable Reserves (Source: Approved Mining Plan)	3,83,688 m ³		
19. Total Proposed Production (in five years)	1,01,150 m ³		
20. Proposed Production/year	20,230 m ³ per annum		
21. Sanctioned Period of Mine lease	20 years		
22. Method of Mining	Opencast, semi- Mechanized		
23. No. of Working days	300 Days		

24. Working hours/day	8 hours/day	
25. No. Of Workers	22	
26. No. of vehicles movement/day	5 Units (Assumed Loading Capacity: 40 Tons/Unit)	
27. Type of Land	State Government Land	
28. Ultimate Depth of Mining	6 m (195mRL – 189mRL) (Source: Approved Mining Plan)	
29. Nearest metalled road from site	Length 2330 m & Width 7 m	
30. Water Requirement	Purpose	Requirement (KLD)
	Drinking	0.11
	Suppression of Dust	7.0
	Plantation	4.046
	Total	11.156
31. Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES NABET/EIA/2124/RA0245, Valid Till August 24/2024	
32. Any litigation pending against the project or hand in any court	No	
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jhansi, Letter No. 1039/30MMC/2020-21, Date –17-09-2020.	
34. Details of Lease Area in approved DSR	Letter : 1887/30 MMC /2019-20 dated: 12/03/2020	
35. Proposed CER Cost	Rs. 2.80 Lakhs (2% of the Total Project Cost)	
36. Proposed EMP Cost	Rs. 27.82 Lakhs	
37. Length and width of Approach Road	Length 2330 m & Width 7 m	
38. No. of Trees to be Planted	2023 Trees (1000 trees/Ha.)	

- 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 31/08/2023 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/441130/2023) in Name “Building Stone (Khanda, Boulder, Ballast)” Mining Project at Gata No. 115 (Khand No. 01) of Area: 2.023 Ha, Village: Habupura, Tehsil: Garautha, District: Jhansi, 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.
- The TOR report for the Proposal is prepared by me as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 06

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

Additional TOR:

1. Baseline monitoring data should be collected for post monsoon season i.e. October to December, 2023.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
10. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
11. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
13. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

7. “Sand/Morrum Mining” from Riverbed of Betwa River at Gata No.- 25/26, Village- Ichhaura Jitkari, Tehsil- Sarila, District- Hamirpur, Shri Raj Sharma, M/s S.S. Infratech, Area- 20.740 ha., 8145/SIA/UP/MIN/441154/2023

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

1. The terms of reference is sought for “Sand/Morrum Mining” from Riverbed of Betwa River at Khand no. 25/26, Village- Ichhaura Jitkari, Tehsil- Sarila, District- Hamirpur, Uttar Pradesh, (Leased Area- 20.740 ha.), M/s S.S. Infratech.

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

1.	On-line proposal No.	SIA/UP/MIN/441154/2023																																																			
2.	File No. allotted by SEIAA, UP	8145																																																			
3.	Name of Proponent	M/s S.S. Infratech (Prop. Shri Rajkumar Sharma)																																																			
4.	Full correspondence address of proponent and E-mail Id	R/o- H. No.- 1/30 Palm Vila Sushant Golf City, Thana- Sushant Golf City, District- Lucknow U.P. E-mail Id- rajkumar541818@gmail.com																																																			
5.	Name of Project	“Sand/Morrum Mining” from Riverbed of Betwa River at Village- Ichhaura Jitkari, (Khand No. 25/26, Area-20.740 Ha.) Tehsil- Sarila, District- Hamirpur, Uttar Pradesh Proposed by M/s S.S. Infratech (Prop. Shri Rajkumar Sharma)																																																			
6.	Project Location (Plot.Khasra/Gata No.)	Khand no.- 25/26, Village- Ichhaura Jitkari, Tehsil- Sarila, District- Hamirpur, Uttar Pradesh																																																			
7.	Name of River	Betwa River																																																			
8.	Name of Village	Ichhaura Jitkari																																																			
9.	Tehsil	Sarila																																																			
10.	District	Hamirpur																																																			
11.	Name of Minor Mineral	Sand/Morrum																																																			
12.	Sanctioned Lease Area (in Ha.)	20.740 ha. (Workable Area-12.3413Ha.)																																																			
13.	Max. & Min mRL within lease area	Highest mRL is 125.0 mRL & Lowest mRL is 124.0 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°53'0.52"N</td><td>79°33'54.53"E</td></tr> <tr> <td>B</td><td>25°53'1.88"N</td><td>79°33'42.90"E</td></tr> <tr> <td>C</td><td>25°53'13.57"N</td><td>79°33'47.96"E</td></tr> <tr> <td>D</td><td>25°53'6.68"N</td><td>79°34'12.11"E</td></tr> <tr> <td>E</td><td>25°53'3.46"N</td><td>79°34'12.11"E</td></tr> <tr> <td>F</td><td>25°53'1.18"N</td><td>79°34'02.88"E</td></tr> </tbody> </table> Workable Area Co-ordinates <table border="1"> <thead> <tr> <th>Pillar No.</th><th>Latitude(N)</th><th>Longitude(E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°53'0.52"N</td><td>79°33'54.53"E</td></tr> <tr> <td>B</td><td>25°53'1.88"N</td><td>79°33'42.90"E</td></tr> <tr> <td>B1</td><td>25°53'10.73"N</td><td>79°32'31.09"E</td></tr> <tr> <td>E</td><td>25°53'3.46"N</td><td>79°34'12.11"E</td></tr> <tr> <td>F</td><td>25°53'1.18"N</td><td>79°34'02.88"E</td></tr> </tbody> </table> Non-workable Area Co-ordinates <table border="1"> <thead> <tr> <th>Pillar No.</th><th>Latitude(N)</th><th>Longitude(E)</th></tr> </thead> <tbody> <tr> <td>B1</td><td>25°53'10.73"N</td><td>79°32'31.09"E</td></tr> <tr> <td>C</td><td>25°53'13.57"N</td><td>79°33'47.96"E</td></tr> <tr> <td>D</td><td>25°53'06.68"N</td><td>79°34'12.11"E</td></tr> </tbody> </table>	PILLAR NO.	LATITUDE	LONGITUDE	A	25°53'0.52"N	79°33'54.53"E	B	25°53'1.88"N	79°33'42.90"E	C	25°53'13.57"N	79°33'47.96"E	D	25°53'6.68"N	79°34'12.11"E	E	25°53'3.46"N	79°34'12.11"E	F	25°53'1.18"N	79°34'02.88"E	Pillar No.	Latitude(N)	Longitude(E)	A	25°53'0.52"N	79°33'54.53"E	B	25°53'1.88"N	79°33'42.90"E	B1	25°53'10.73"N	79°32'31.09"E	E	25°53'3.46"N	79°34'12.11"E	F	25°53'1.18"N	79°34'02.88"E	Pillar No.	Latitude(N)	Longitude(E)	B1	25°53'10.73"N	79°32'31.09"E	C	25°53'13.57"N	79°33'47.96"E	D	25°53'06.68"N	79°34'12.11"E
PILLAR NO.	LATITUDE	LONGITUDE																																																			
A	25°53'0.52"N	79°33'54.53"E																																																			
B	25°53'1.88"N	79°33'42.90"E																																																			
C	25°53'13.57"N	79°33'47.96"E																																																			
D	25°53'6.68"N	79°34'12.11"E																																																			
E	25°53'3.46"N	79°34'12.11"E																																																			
F	25°53'1.18"N	79°34'02.88"E																																																			
Pillar No.	Latitude(N)	Longitude(E)																																																			
A	25°53'0.52"N	79°33'54.53"E																																																			
B	25°53'1.88"N	79°33'42.90"E																																																			
B1	25°53'10.73"N	79°32'31.09"E																																																			
E	25°53'3.46"N	79°34'12.11"E																																																			
F	25°53'1.18"N	79°34'02.88"E																																																			
Pillar No.	Latitude(N)	Longitude(E)																																																			
B1	25°53'10.73"N	79°32'31.09"E																																																			
C	25°53'13.57"N	79°33'47.96"E																																																			
D	25°53'06.68"N	79°34'12.11"E																																																			

		E	25°53'03.46"N	79°34'12.11"E
15.	Total Geological Reserves	3,70,239 m ³		
16.	Total Mineable Reserve (as per Approved Mine Plan)	3,31,799 m ³		
17.	Total Proposed Production	16,58,995 m ³ in 5 Years		
18.	Proposed Production	3,31,799 m ³ /year		
19.	Sanctioned Period of Mine lease	5 Years		
20.	Method of Mining	Opencast, Semi-Mechanized		
21.	Working hours/day	8		
22.	No. of worker	55		
23.	Type of Land	Govt. land		
24.	Ultimate of Depth of Mining	Upto 2.69 m		
25.	Nearest metalled road from site	4.0 km		
26.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.55 KLD
		Suppression of dust		5.54 KLD
		Plantation		0.60 KLD
		Others (if any)		-
		Total		6.69 KLD
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025		
28.	Any litigation pending against the project or land in any court	No		
29.	Details of 500 m Cluster Certificate verified by Mining Officer	Vide letter no. 1960/khanij-MMC-tees-vividh (2022-23) Dated on 31.03.2023		
30.	Details of Lease Area in approved DSR	Mentioned in Approved DSR at page No. 66, Sl. No. 45		
31.	Proposed CER cost	Rs. 2.0 lakhs		
32.	Proposed EMP cost	Rs.8 lakhs as Capital cost and Rs. 10 lakhs as Recurring cost		
33.	Distance of Haul Road	1135 m		
34.	No. of Trees to be Planted	300		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 19/08/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the TOR application report for the proposal "Sand/Morrum Mining" from Riverbed of Betwa River at Khand no. 25/26, Village- Ichchaura Jitkari, Tehsil- Sarila, District- Hamirpur, Uttar Pradesh, (Leased Area- 20.740 ha.), M/s S.S. Infratech 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 TOR application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on PARIVESH Portal.

6. I certify that there will be no mismatch between information/data provided on the online application submitted on PARIVESH Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. Thu TOR Report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 07

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

Additional TOR:

1. Baseline monitoring data should be collected for post monsoon season i.e. October to December, 2023.
2. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
3. 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.

8. Building stone (Granite Khanda, Gitty, Boulder, Red Morrum) Sandstone Mining Project in Gata No-715, Khand No-06 at Village - Gonda, Tehsil-Karwi, District-Chitrakoot, Shri Surendra Kumar Shukla, Area- 2.226 ha., 8155/SIA/UP/MIN/441432/2023

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 (Granite Khanda, Gitty, Boulder, Red Morrum) Sandstone Mining Project in Gata No-715, Khand No-06 at Village - Gonda, Tehsil-Karwi, District-Chitrakoot, U.P., (Leased area 2.226 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/441432/2023																		
2.	File No. allotted by SEIAA, UP	8155																		
3.	Name of Proponent	Shri Surendra Kumar Shukla (Prop) S/o Shri Parmanand Shukla																		
4.	Full correspondence address of proponent and mobile no.	R/o H.No.307, Miyapur 5, District- Jaunpur- 222162, U. P. Mobile no. -9170957700 E mail ID - sssand2023@gmail.com																		
5.	Name of Project	Building stone (Granite Khanda, Gitty, Boulder, Red Morrum) Sandstone Mining Project in Gata No-715, Khand No-06, Lease area 2.226 ha at Village - Gonda, Tehsil-Karwi, District-Chitrakoot, U.P. of Shri Surendra Kumar Shukla																		
6.	Project Location (Plot. Khasra/Gata No.)	Gata No-715, Khand No-06																		
7.	Name of River	NA																		
8.	Name of Village	Village – Gonda																		
9.	Tehsil	Karwi																		
10.	District	Chitrakoot																		
11.	Name of Minor Mineral	Building stone (Granite Khanda, Gitty, Boulder, Red Morrum)																		
12.	Sanctioned Lease Area (in Ha.)	2.226 ha																		
13.	Max. & Min mRL within lease area	Highest mRL-248.60 mRL Lowest mRL-198.2 mRL																		
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td align="center" colspan="3">Total Area 2.226 ha</td></tr> <tr> <td>A</td><td>25°12'25.596"N</td><td>80°44'58.505"E</td></tr> <tr> <td>B</td><td>25°12'25.680"N</td><td>80°45'02.520"E</td></tr> <tr> <td>C</td><td>25°12'18.380"N</td><td>80°45'00.120"E</td></tr> <tr> <td>D</td><td>25°12'18.940"N</td><td>80°44'56.920"E</td></tr> </tbody> </table>	Pillar	Latitude	Longitude	Total Area 2.226 ha			A	25°12'25.596"N	80°44'58.505"E	B	25°12'25.680"N	80°45'02.520"E	C	25°12'18.380"N	80°45'00.120"E	D	25°12'18.940"N	80°44'56.920"E
Pillar	Latitude	Longitude																		
Total Area 2.226 ha																				
A	25°12'25.596"N	80°44'58.505"E																		
B	25°12'25.680"N	80°45'02.520"E																		
C	25°12'18.380"N	80°45'00.120"E																		
D	25°12'18.940"N	80°44'56.920"E																		
15.	Total Geological Reserves	6,38,860 m ³																		
16.	Total Mineable Reserve	3,38,040 m ³																		
17.	Total Proposed Production	3,33,900 m ³ (5 years)																		
18.	Proposed Production /year (as per LoI)	66,780 m ³																		
19.	Sanctioned Period of Mine lease	Lease Period – 10 years Mine plan Period – 5 Years																		
20.	Method of Mining	Opencast, Semi-mechanized																		
21.	No. of worker	29																		
22.	Type of Land	Govt./Non Forest Land																		

23.	Depth of Mining	36.0 m
24.	Nearest metalled road from site	0.10 km
25.	Water Requirement	PURPOSE
		Drinking - 0.29 KLD
		Suppression of dust - 1.20 KLD
		Plantation - 2.00 KLD
		Others (if any) - 0.00 KLD
		Total ~ 3.50 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- 1794/Khanij/2023-24 Dated: 05/06/2023
29.	Details of Lease Area in approved DSR	Table No.17, Serial no. 01, in village Gonda, Page no. 29
30.	Project Cost	90.0 Lacs
31.	Proposed CER cost	1.80 Lacs
32.	Length and breadth of Haul Road	Length – 0.10 km, Breadth – 6.00 m
33.	No. of Trees to be Planted	2000 (proposed)

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 30/08/2023 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 have prepared TOR report along with Form-1, Pre-feasibility report for the Building stone (Granite Khanda, Gitty, Boulder, Red Morrum) Sandstone Mining Project in Gata No-715, Khand No-06 at Village - Gonda, Tehsil-Karwi, District-Chitrakoot, U.P., (Leased area 2.226 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 Form-1, Pre-feasibility report 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 TOR application along with Form-1, Pre-feasibility 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-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Baseline monitoring data should be collected for post monsoon season i.e. October to December, 2023.
 2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
 3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
 4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
 5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
 6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 10. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 11. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 13. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
 14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
- 9. Sand/Morrum Mine from Riverbed of Yamuna River, Village- Patyora, Khand No.- 31/3, Tehsil- Hamirpur, District- Hamirpur, Shri Sharad Pratap Singh, M/s Sharad Enterprises, Area- 36.437 ha., 8157/SIA/UP/MIN/441455/2023**

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

1. The letter of intent was issued by District Magistrate, Hamirpur on 21/08/2018.

2. Terms of reference for the project were issued by SEIAA, U.P. on 27/05/2019 and subsequently public hearing was conducted.
3. While appraisal of EIA report the SEAC/SEIAA directed the project proponent to submit factual report for the geo coordinates of the project.
4. District Mining Officer, Hamirpur provided the factual report on 24/12/2020 and as per report geo coordinates mismatch was reported.
5. Subsequently, SEAC in its meeting dated 09/02/2021 directed the project proponent to file afresh application as per geo coordinates mentioned in factual report.
6. Hence, the project proponent again applied new application on Parivesh Portal vide proposal no. SIA/UP/MIN/441455/2023 for issuance of terms of reference for the project.

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 at Khand no.- 31/3, Village- Patyora, Tehsil- Hamirpur, District- Hamirpur, Uttar Pradesh, (Leased Area- 36.437 ha.), M/s Sharad Enterprises.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/441455/2023																																																			
2.	File No. allotted by SEIAA, UP	8157																																																			
3.	Name of Proponent	M/s Sharad Enterprises (Prop. - Shri Sharad Pratap Singh)																																																			
4.	Full correspondence address of proponent and E-mail Id	R/o- 240/4A, Civil Line Kachehari Chauraha Jhansi U.P. E-mail Id- sharadenterprises5418@gmail.com																																																			
5.	Name of Project	“Sand/Morrum Mining” from Riverbed of Yamuna River at Village- Patyora, (Khand No. 31/3, Area-36.437 Ha.) Tehsil- Hamirpur, District- Hamirpur, Uttar Pradesh, Project Proponent M/s Sharad Enterprises (Shri Sharad Pratap Singh).																																																			
6.	Project Location (Plot.Khasra/Gata No.)	Khand no.- 31/3, Village- Patyora, Tehsil- Hamirpur, District- Hamirpur, Uttar Pradesh																																																			
7.	Name of River	Yamuna River																																																			
8.	Name of Village	Patyora																																																			
9.	Tehsil	Hamirpur																																																			
10.	District	Hamirpur																																																			
11.	Name of Minor Mineral	Sand/Morrum																																																			
12.	Sanctioned Lease Area (in Ha.)	36.437 ha. (Workable area -32.0152Ha)																																																			
13.	Max. & Min mRL within lease area	Highest mRL is 121.0 mRL & Lowest mRL is 119.0 mRL																																																			
14.	Pillar Coordinates (Verified by DMO)	<p>Coordinates of the sanctioned lease area-</p> <table border="1"> <thead> <tr> <th colspan="3">Sanctioned MLA Co-ordinates</th></tr> <tr> <th>Pillar No</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°55'5.39"N</td><td>80°16'27.13"E</td></tr> <tr> <td>B</td><td>25°55'10.24"N</td><td>80°16'52.21"E</td></tr> <tr> <td>C</td><td>25°54'53.67"N</td><td>80°17'3.02"E</td></tr> <tr> <td>D</td><td>25°54'50.44"N</td><td>80°16'47.46"E</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">Workable Area Co-ordinates</th></tr> <tr> <th>Pillar No</th><th>Latitude(N)</th><th>Longitude(E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°55'5.39"N</td><td>80°16'27.13"E</td></tr> <tr> <td>B1</td><td>25°55'9.92"N</td><td>80°16'50.52"E</td></tr> <tr> <td>C1</td><td>25°54'53.57"N</td><td>80°17'2.55"E</td></tr> <tr> <td>D</td><td>25°54'50.44"N</td><td>80°16'47.46"E</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">Non-workable Area Co-ordinates</th></tr> <tr> <th>Pillar No</th><th>Latitude(N)</th><th>Longitude(E)</th></tr> </thead> <tbody> <tr> <td>B1</td><td>25°55'9.92"N</td><td>80°16'50.52"E</td></tr> <tr> <td>C1</td><td>25°54'53.57"N</td><td>80°17'2.55"E</td></tr> <tr> <td>C</td><td>25°54'53.67"N</td><td>80°17'3.02"E</td></tr> </tbody> </table>	Sanctioned MLA Co-ordinates			Pillar No	Latitude (N)	Longitude (E)	A	25°55'5.39"N	80°16'27.13"E	B	25°55'10.24"N	80°16'52.21"E	C	25°54'53.67"N	80°17'3.02"E	D	25°54'50.44"N	80°16'47.46"E	Workable Area Co-ordinates			Pillar No	Latitude(N)	Longitude(E)	A	25°55'5.39"N	80°16'27.13"E	B1	25°55'9.92"N	80°16'50.52"E	C1	25°54'53.57"N	80°17'2.55"E	D	25°54'50.44"N	80°16'47.46"E	Non-workable Area Co-ordinates			Pillar No	Latitude(N)	Longitude(E)	B1	25°55'9.92"N	80°16'50.52"E	C1	25°54'53.57"N	80°17'2.55"E	C	25°54'53.67"N	80°17'3.02"E
Sanctioned MLA Co-ordinates																																																					
Pillar No	Latitude (N)	Longitude (E)																																																			
A	25°55'5.39"N	80°16'27.13"E																																																			
B	25°55'10.24"N	80°16'52.21"E																																																			
C	25°54'53.67"N	80°17'3.02"E																																																			
D	25°54'50.44"N	80°16'47.46"E																																																			
Workable Area Co-ordinates																																																					
Pillar No	Latitude(N)	Longitude(E)																																																			
A	25°55'5.39"N	80°16'27.13"E																																																			
B1	25°55'9.92"N	80°16'50.52"E																																																			
C1	25°54'53.57"N	80°17'2.55"E																																																			
D	25°54'50.44"N	80°16'47.46"E																																																			
Non-workable Area Co-ordinates																																																					
Pillar No	Latitude(N)	Longitude(E)																																																			
B1	25°55'9.92"N	80°16'50.52"E																																																			
C1	25°54'53.57"N	80°17'2.55"E																																																			
C	25°54'53.67"N	80°17'3.02"E																																																			

		B	25°55'10.24"N	80°16'52.21"E
15.	Total Geological Reserves	9,60,456 m ³		
16.	Total Mineable Reserve (as per Approved Mine Plan)	7,28,640 m ³		
17.	Total Proposed Production	7,28,640 m ³ /year		
18.	Proposed Production	7,28,640 m ³ /year		
19.	Sanctioned Period of Mine lease	5 Years		
20.	Method of Mining	Opencast, Semi-Mechanized		
21.	Working hours/day	8		
22.	No. of worker	63		
23.	Type of Land	Govt. land		
24.	Ultimate of Depth of Mining	Upto 2.28 m		
25.	Nearest metalled road from site	2.0 km		
26.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.63 KLD	
		Suppression of dust	5.34 KLD	
		Plantation	0.60 KLD	
		Others (if any)	-	
		Total	6.57 KLD	
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025		
28.	Any litigation pending against the project or land in any court	No		
29.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 252/khanij-M.M.C.-30-Vividh (2023-24) Dated on 25.05.2023		
30.	Baseline data collection period	March to May 2023 (Intimation letter submitted)		
31.	Details of Lease Area in approved DSR	Mentioned in Approved DSR at page no. 61, Sl No. 1		
32.	Proposed CER cost	Rs. 3.6 lakhs		
33.	Proposed EMP cost	Rs. 8.0 lakhs as Capital cost and Rs. 12 lakhs as Recurring cost		
34.	Distance of Haul Road	1085 m		
35.	No. of Trees to be Planted	300		

- 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 23/08/2023 mentioning is as follows:

- I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
- I have prepared the TOR application report for the proposal "Sand/Morrum Mining" from Riverbed of Yamuna River at Khand no.- 31/3, Village- Patyora, Tehsil- Hamirpur, District- Hamirpur, Uttar Pradesh, (Leased Area- 36.437 ha.), M/s Sharad Enterprises 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 TOR application are true and correct.

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

RESOLUTION AGAINST AGENDA NO. 09

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

Additional TOR:

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Om Prakash Srivastava)
Member

(Ashish Tiwari)
Member-Secretary, SEAC

(Rajive Kumar)
Chairman

Nodal, SEAC-1

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

Annexure-1

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

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

Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.

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

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

were collected and the sources should be indicated.

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