

Minutes of 815th SEAC-2 Meeting Dated 13/12/2023

The 815th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 13/12/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 815th SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Directorate of Environment.

1. Sand/Morrum Mining project at Gata No. 2/2 and 3 Village- Tarsuma, Tehsil- Attara, District: Banda, Shri Aatif Iqbal, Area: 3.11 Ha., 8448/SIA/UP/MIN/451323/2023

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 environmental clearance is sought for Sand/Morrum Mine at Gata No.- 2/2 and 3, Village- Tarsuma, Tehsil- Attara, District- Banda, U.P., (Leased Area- 3.11 ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 451323/2023																								
2.	File No. allotted by SEIAA, UP	8448																								
3.	Name of Proponent	M/s A and R Infra Prop. Shri Aatif Iqbal S/o Late Kamaluddin Ahmad																								
4.	Full correspondence address of proponent and mobile No.	R/o M. No. 656/24 Sushma Nagar, Unity City, Kursi Road Thana Gudamma, District- Lucknow(U.P.) Mobile No- Email-																								
5.	Name of Project	Tarsuma Sand/Morrum Mining project																								
6.	Project location (Plot/Khasra/Gata No.)	Gata No. 2/2 and 3																								
7.	Name of Village	Tarsuma																								
8.	Tehsil	Attara																								
9.	District	Banda																								
10.	Name of Minor Mineral	Sand/Morrum																								
11.	Sanctioned Lease Area (in Ha.)	3.11 ha																								
12.	Max & Min mRL within lease area	Max- 141.0 mRL & 139.0 mRL																								
13.	Pillar Coordinates (Verified by DMO)	<table><tr><th colspan="3">Sanctioned Mining Lease Area</th></tr><tr><th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25°13'25.35"N</td><td>80°38'17.16"E</td></tr><tr><td>B</td><td>25°13'25.22"N</td><td>80°38'8.47"E</td></tr><tr><td>C</td><td>25°13'22.08"N</td><td>80°38'1.41"E</td></tr><tr><td>D</td><td>25°13'14.22"N</td><td>80°37'52.55"E</td></tr><tr><td>E</td><td>25°13'12.46"N</td><td>80°37'50.19"E</td></tr><tr><td>F</td><td>25°13'10.48"N</td><td>80°37'43.61"E</td></tr></table>	Sanctioned Mining Lease Area			Pillar No.	Latitude	Longitude	A	25°13'25.35"N	80°38'17.16"E	B	25°13'25.22"N	80°38'8.47"E	C	25°13'22.08"N	80°38'1.41"E	D	25°13'14.22"N	80°37'52.55"E	E	25°13'12.46"N	80°37'50.19"E	F	25°13'10.48"N	80°37'43.61"E
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		G	25°13'10.93"N	80°37'43.67"E
		H	25°13'11.75"N	80°37'46.63"E
		H1	25°13'15.48"N	80°37'52.69"E
		I	25°13'17.42"N	80°37'54.48"E
		J	25°13'18.33"N	80°37'56.37"E
		K	25°13'23.50"N	80°38'1.00"E
		L	25°13'26.27"N	80°38'6.01"E
		M	25°13'27.41"N	80°38'12.62"E
14.	Total Geological Reserves	45,933 Cum		
15.	Total Mineable Reserves in LOI	38,140 Cum/year		
16.	Total Proposed Production	38,140 Cum/year		
17.	Proposed Production/year	38,140 Cum		
18.	Sanctioned Period of Mine lease	5 years		
19.	No. of workers	42		
20.	Type of Land	Government waste land		
21.	Ultimate Depth of Mining	2.76		
22.	Nearest metalled road from site	1.80 km		
23.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.42
		Suppression of dust		5.99
		Plantation		3.11
		Others (if any)		0.42
		Total		9.94
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. Certificate no. NABET/EIA/1922/SA 0186, Validity- 10-03-2024		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified Ref. No. 518/Khanij-30/Banda, Dated 29.09.2023		
27.	Details of Lease Area in approved DSR	Yes, given in the DSR at Page No. 64 sl. No. 54		
28.	Proposed EMP cost	Total project cost- 2,22,32,000/- Capital Cost-Rs 3,73,000/- Recurring Cost- 13,45,000/-		
29.	Length and breadth of Haul Road	Length: 0.499 km, width: 6 m		
30.	No. of Trees to be Planted	3110 plants		

3. Action Plan as per Ministry's O.M. dated 30/09/2020:

Sl. No.	Measures	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
1	Dust Suppression	--	4,00,000
2	Pollution Monitoring	--	1,00,000
	i) Air pollution	--	1,00,000
	ii) Water pollution	--	1,00,000
	iii) Soil Pollution	--	1,00,000
	iv) Noise Pollution	--	1,00,000
3	Green belt development (622 trees per year)	3,73,200	1,00,000
4	Haul road maintenance	--	2,00,000
5	Tarpaulin for covering the vehicles	--	2,00,000
6	*Corporate Environmental Responsibility As per O.M. dated 30 September 2020	--	4,45,000
Total		3,73,000	13,45,000

Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.

- 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.

7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 12/12/2023 mentioning is as follows:

1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
2. I have prepared TOR project for the proposal (SIA/UP/MIN/451323/2023), File No. 8448 of Sand/Morrum Mine at Gata No.- 2/2 and 3, Village- Tarsuma, Tehsil- Attara, District- Banda, U.P., (Leased Area- 3.11 ha) with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for TOR project preparation are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The 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. 01

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to these minutes. The committee also stipulated the following additional conditions:

1. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
4. The project proponent shall install solar light in their site office.
5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.

10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted and report of green belt development to be submitted to the concerning department
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

2. “Building Stone (Granite Khanda, Boulder, Ballast)” Mining Project at Araj No.- 93 (Khand No. 17) of Village: Bari, Tehsil: Sadar, District: Mahoba, Shri Virendra Singh, Area: 1.012 Ha., 8450/7874/SIA/UP/MIN/451406/2023

RESOLUTION AGAINST AGENDA NO. 02

The project proponent vide letter dated 13/12/2023 has informed that due to the casualty in the family we are not able to attend the proposed meeting and requested to defer the matter in next SEAC. The committee discussed the matter and directed to defer the matter from the agenda as per request made by the project proponent.

The matter will be listed after online request received from project proponent through online portal.

3. Building stone Sand Stone Mine at Gata No.- 703, Sl. No.- 23,Village- Bhagautidei, Tehsil- Chunar, District- Mirzapur, Smt Radhika Devi, Area- 1.01 Ha., 8454/SIA/UP/MIN/451483/2023

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 Building Stone Sand Stone Mine at Gata No.- 703 Sl. No.- 23,Village- Bhagautidei, Tehsil- Chunar, District- Mirzapur, U.P., M/s R.D. Enterprises, (Leased Area- 1.01 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 451483 /2023
2.	File No. allotted by SEIAA, UP	8454
3.	Name of Proponent	M/s R.D. Enterprises Prop. Smt Radhika Devi
4.	Full correspondence address of proponent and mobile No.	R/o Shreepur, Bhudkuda District: Mirzapur, Uttar Pradesh Mobile No- Email-
5.	Name of Project	Bhagautidei Building stone Sand Stone Mining project
6.	Project location (Plot/Khasra/Gata No.)	Gata No 703 Sl. No. 23
7.	Name of Village	Bhagautidei
8.	Tehsil	Chunar
9.	District	Mirzapur
10.	Name of Minor Mineral	Building Stone Sand Stone
11.	Sanctioned Lease Area (in Ha.)	1.01 ha
12.	Max & Min mRL within lease area	Max- 123.0 mRL & 108.0 mRL

13.	Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
		Pillar No.	Latitude	Longitude
		A	25° 3'53.18"N	83° 07.05"E
		B	25° 3'53.19"N	83° 08.55"E
		C	25° 3'47.58"N	83° 08.81"E
		D	25° 3'47.57"N	83° 06.20"E
14.	Total Geological Reserves	3,94,725 Cum		
15.	Total Mineable Reserves in LOI	10,100 Cum/year		
16.	Total Proposed Production	10,100 Cum/year		
17.	Proposed Production/year	10,100 Cum		
18.	Sanctioned Period of Mine lease	20 years		
19.	No. of workers	27		
20.	Type of Land	Government waste land		
21.	Ultimate Depth of Mining	30		
22.	Nearest metalled road from site	0.50 km		
23.	Water Requirement	Purpose		Requirement (KLD)
		Drinking		0.27
		Suppression of dust		4.05
		Plantation		1.01
		Others (if any)		0.27
		Total		5.60
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. Certificate No. NABET/EIA/1922/SA 0186, Validity- 10-03-2024		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified 6159/M.M.C-30/2023-24 Dated-11/10/2023		
27.	Details of Lease Area in approved DSR	Yes, given in the DSR		
28.	Proposed EMP cost	Recurring Cost- 6,05,000/- including CER		
29.	Length and breadth of Haul Road	Length: 0.337 km, width: 6 m		
30.	No. of Trees to be Planted	1010 plants		
31.	Monitoring Period	December 2023 to February 2024		

- 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 12/12/2023 mentioning is as follows:

- I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
- I have prepared TOR project for the proposal (SIA/UP/MIN/451483/2023), File No. 8454 of Building Stone Sand Stone Mine at Gata No.- 703 Sl. No.- 23, Village- Bhagautidei, Tehsil- Chunar, District- Mirzapur, U.P., M/s R.D. Enterprises, (Leased Area- 1.01 Ha) with my team.
- I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information required for TOR project preparation are true and correct.
- I certify that this project has been uploaded for first time on Parivesh portal.

6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The 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. 03

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Since no intimation letter has been submitted regarding collection of baseline monitoring data, hence monitoring data will be collected after issuance of ToR.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
10. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
11. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
13. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.

14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
15. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

4. “Building Stone (Granite Khanda, Boulder, Ballast)” Araj No. -93 (Khand No. 24), Village: Bari, Tehsil: Sadar, District: Mahoba, Smt. Suvasha Singh, Area: 1.012 Ha., 8456/7886/SIA/UP/MIN/451551/2023

RESOLUTION AGAINST AGENDA NO. 04

The project proponent vide letter dated 13/12/2023 has informed that due to the casualty in the family we are not able to attend the proposed meeting and requested to defer the matter in next SEAC. The committee discussed the matter and directed to defer the matter from the agenda as per request made by the project proponent.

The matter will be listed after online request received from project proponent through online portal.

5. Group Housing Project at Plot No. GH- 02, Sector- 45, District - Noida, District-Gautam Buddha Nagar, Shri Mansoor Azam, M/s Experion Developers Pvt. Ltd., 8458/SIA/UP/INFRA2/451470/2023

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 Ascenso Enviro Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Group Housing Project at Plot No. GH- 02, Sector- 45, Noida, District-Gautam Budh Nagar, U.P., M/s Experion Developers Pvt. Ltd.
2. The project to be developed on the total plot area of 19289.81 m². The built-up area of the proposed project is 108627.867 m².
3. Salient features of the project:

Building Details: Basement 2 Ground Floor 40 Floor Total Dwelling Unit - 320	Parking required as per Noida bye laws Total parking required = 886 ECS Total Proposed Parking = 920 ECS
Total Plot Area = 19289.810 m ² Built-up Area = (FAR +Non FAR + Proposed Service Area): 108627.867 m ²	Number of trees proposed for plantation = 250
Total Project Cost = Rs. 562.17 Cr.	Total Water Demand = 232 KLD Freshwater Requirement =105 KLD Total Domestic water Requirement = 167 KLD
Proposed Green Area (@ ~ 41% of total Area) = 7860.76 m ²	Total waste water generation =146 KLD
MBBR Technology STP	STP Capacity = 200 KLD (higher than total waste water generation)
Power Requirement = 2290 KW Gen/D.G Sets = 4X650 KVA	Total rain water Harvesting pits = 5
Solid waste: (1003.35 kg/day) ~ 1003 kg/day	Internal Road Width = 6/9 m wide

4. Environmental sensitivity surrounding the project site as submitted by project proponent:

S. No.	Particulars	Name	Distance and Direction
1.	Nearest Metro Station/Railway Station	1.Botanical Garden – Metro Station 2.Okhla Bird Sanctuary- Metro Station 3.Noida Sector 76 – Metro Station 4.Anand Vihar - Railway Station	Approx. 1.73 Km. in NW Approx. 2.23 Km. in W Approx. 3.68 Km. in NE Approx. 11.39 Km. in N

		5. Ghaziabad Railway Station	Approx. 13.77 Km in NE
2.	Nearest Airport	1. Airport Hindon Air Force Station 2. Indira Gandhi International Airport 3. Safdarjung Airport	Approx. 17.15 Km. in N Approx. 23.79 Km. in E Approx. 13.60 Km. in NW
3.	Populated Area	1. Noida Sector-45 2. Noida Sector-44 3. Sadarapur 4. Chhelera 5. Raipur Khadar	Adjacent to site in E Approx. 0.33 Km. in N Approx. 0.60 Km. in E Approx. 0.65 Km. in N Approx. 1.28 Km. in SW
4.	State Boundary	1. UP –Haryana 2. UP- Delhi	Approx. 4.55 km. in SW Approx. 2.65 km in W
5.	Nearest Road	1. Noida-Greater Noida Expressway 2. Dadri Main Road 3. Sector 45 Road 4. Sadarapur Peripheral Road	Approx. 1.03 Km in W Approx. 1.05 Km in N Approx. 0.28 Km. in S Approx. 0.25 km in SE SSS
6.	Nearest School/College /Univesity	1. Mayoor School 2. Amity University 3. Lotus Valley School 4. Amity International School	Approx. 1.14 Km in W Approx. 1.16 Km in W Approx. 1.37 Km in SW Approx. 1.55 Km in NW
7.	Nearest Hospital	1. Max Hospital Noida 2. CHC Bhangel 3. Yatharth Super Speciality Hospital 4. Kailash Hospital	Approx. 3.31 Km. in NW Approx. 4.55 Km. in SE Approx. 4.40 Km in SE Approx. 3.19 Km in N
8.	Place of Worship	1. Shri Lal Mandir 2. Shiv Mandir Chhelera 3. Iskcon Temple	Approx. 5.02 Km. in NW Approx. 0.83 Km. in N Approx. 4.00 Km. in NW
9.	Water Bodies	1. Yamuna River 2. Hindon River 3. Municipal Drain	Approx. 2.47 Km in W Approx. 7.05 Km in E Approx. 3.8 Km in E
10.	Forest/ Sanctuary	1. Surajpur Bird Sanctuary 2. Okhla Bird Sanctuary 3. Asola Bhatti Wildlife	Approx. 13.91 Km. in E Approx. 3.21 Km. in W Approx. 9.08 Km. in SW

5. Detailed area statement:

S. No.	Particulars	Area (m ²)
	Total Plot Area	19289.810
2.	Permissible FAR@3.5	67514.34
3.	Green FAR @5% of Permissible FAR	3375.717
4.	Total Permissible FAR (S. No. 2 + S. No. 3)	10127.151
5.	Total FAR Proposed	70884.114
6.	Permissible Ground coverage @35%	6751.434
7.	Proposed Ground coverage @20.85	4023.053
8.	Open Area (Total Plot Area – Proposed Ground Coverage)	15007.32
9.	Non-FAR Area	12454.598
	Basement-1	13964.674
	Basement-2	1243.424
	Other	
	Total NON-FAR AREA	27662.696
10.	Permissible (Service Area) 15% of Total Permissible FAR	10127.150
11.	Proposed (Service Area)	10081.057
12.	Total Built-up Area (S. No. 5 +9+ 11)	108627.867
13.	Proposed Greenbelt Area (@40% of total Area)	7860.76
14.	Proposed Building Height	137.85

6. Water calculation details:

S. No.	Description	Non Monsoon Season (in KLD)	Monsoon Season (in KLD)
1	Fresh water for Domestic Use	105	105

	Flushing water	62	62
	Total Domestic Water (i + ii)	167	167
2	Landscape Water	25	7
	Filter Backwash (one time)	20	20
	Fire tank (one time)	20	20
	Total water Demand for other Uses (i + ii + iii)	65	47
3	Total Water Requirement (S. No 1 +2)	232	214
4	Fresh Water for Domestic use	105	105
	Total Fresh Water Requirement	105	105
5	Wastewater Generation @ 80%of 105	84	84
	KLD domestic water		
	Wastewater Generation @ 100%of 62	62	62
	KLD Flushing water		
	Total Waste Water Generation(i + ii)	146	146
6	Treated Water Available for Reuse @ 90% of 146	131.4 say 131	131.4 say 131
	KLD waste water generation		
7	STP Capacity (27% higher than Wastewater generation)	200	200

7. Waste water details:

Details	Water (KLD)
Water requirement for domestic purpose	105
Wastewater to be generated from domestic use (@ 80% of domestic water requirement)=84 KLD	84
Water requirement for Flushing Purpose	62
Wastewater to be generated from Flushing (@ 100% of flushing requirement)	62
Total Wastewater to be generated (84KLD+ 62KLD) = 146 KLD	146
Total Treated Water available after STP Treatment (@ 90% of waste water) =131.4 KLD or say 131 KLD	131
STP Proposed (27% higher than waste water generated)	200

8. Solid waste generation details:

S.No.	Category of Solid Waste	Waste Generated Rate	Formula	Total Population	Waste Generated
1	Residential population + Security Staff	0.3 to 0.6 kg/cap/day	Total Population*0.45	1476	664.2
2	Visitor + other population	0.1 to 0.3 kg/cap/day	Total Population*0.15	2261	339.15
Total					(1003.35 kg/day)~ 1003 kg/day

9. Action

S No.	CER Activities	Capital Cost in Rs.
A	For CER following 01 villages have been identified i.e., Sadarpur and nearby EWS area It is within 3.0 Km from the project site.	
1	Sanitation facility in village/nearby Govt. school/ park/ community building	50,00,000
2	Infrastructure creation for Safe drinking water in the in school, dispensary/ community centre.	50,00,000
3	Making underground of electric infrastructure in Village.	44,00,000
4	Drain Construction along sector road of village.	80,00,000
5	Developing Bus shelter	5,00,000
6	Periodic / Annual repair/ Resurfacing and maintenance of road and pathways and drains	70,00,000
7	Dust protection with regular sprinkling of water through anti-smog gun (during grap in surrounding area).	18,00,000
8	Providing cold Water dispenser for drinking water to nearby Government school , dispensary and community centre	5,00,000
9	Disposal of waste from nearby streets / roads	10,00,000

10	Providing Stationery, library, uniform and paly equipment to the school in the vicinity	50,00,000
11	Providing fitness/ play equipment in parks in nearby vicinity and regular maintenance	30,00,000
12	Repair and painting of community building/ school in vicinity	50,00,000
13	Tree Plantation/maintenance and landscape development in Sector-45, Sadarpur village and Parks in nearby vicinity.	60,00,000
14	Providing Medical Equipment's like wheel chair, Potable X-ray Machine, Ambulance, Hospital Beds or any other Equipment's with consultation with the officer of the nearby Govt. Hospital & Dispensary present in nearby village.	40,00,000
	Total	5,62,00,000

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

The consultant (EIA Coordinator) also submitted an affidavit dated 13/12/2023 mentioning is as follows:

1. I, Purushottam Kumar Sharma, S/o Shri Rajendra Prashad Sharma is EIA Coordinator of M/s Ascenso Enviro Private Limited, D-79, 2nd floor, Sector-6, Noida, U.P.
2. I have prepared Form-1, Form-1A, Conceptual Plan & EMP Report for the EC Proposal vide proposal no. SIA/UP/INFRA2/451470/2023) in the name of Group Housing Project at Plot No. GH-02 Sector- 45, Noida, District- Gautam Budh Nagar, Uttar Pradesh by M/s Experion Developers Pvt. Ltd. with my team.
3. I have personally visited the site of proposal and certify that no mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data and information submitted along with Form 1, Form 1(A), conceptual plan and EMP are true and correct.
5. I certify that this project has been uploaded for second time on PARIVESH Portal. Previous project File No was 8364 and proposal number was SIA/UP/INFRA2/448943/2023. It was presented in SEAC Agenda No. 804th date 31.10.2023. This previous proposal has been withdrawn by Project Proponent and the same was accepted by the SEIAA, Uttar Pradesh. Fresh and Revised proposal was uploaded on 07.11.2023 vide proposal no. SIA/UP/INFRA2/451470/2023 and Sl. No. 8458.
6. I certify that there is no mismatch between information and data provided on the online application submitted on Parivesh portal & the hard copy/presentation which has been submitted after acceptance of application.
7. The Form-1, Form-1A, Conceptual Plan & EMP report for the above referred proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

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

Specific Conditions:

1. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
2. Project proponent should ensure that there will be no use of "Single use of Plastic" (SuP).
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The project proponent shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR", directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The

project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.

5. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
6. The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
7. The project proponent should develop green belt in the said project as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
8. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
9. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
10. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water.
11. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
12. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
13. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 05 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.
14. The project proponent shall plan for storm water management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time.
15. Submit the regularly compliance of CSR and investment incurred in development of adopted village to IRO, Lucknow, MoEF&CC, GoI and Directorate of Environment U.P.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

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

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

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

17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
 1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
 1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 2. Outdoor and common area lighting shall be LED.
 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
 4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
 5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
 6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be

provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

6. Waste Management :

1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

7. Green Cover:

1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

8. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

9. Human health issues :

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

10. Corporate Environment Responsibility:

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

11. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

6. “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No. – 1, Village – Mahmoodpur Nagli Aehatmal, Tehsil – Behat& District - Saharanpur, Shri Mohd Azhar Javed, Area- 15.70 Ha., 8460/SIA/UP/MIN/451658/2023

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

1. The terms of reference is sought “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No. – 1, Village – Mahmoodpur Nagli Aehatmal, Tehsil – Behat& District - Saharanpur, U.P., (Leased Area- 15.70 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/451658/2023		
2.	File no. allotted by SEIAA, UP	8460		
3.	Name of proponent	M/s BLUE STAR MINES (GEO DEVELOPERS PVT. LTD. Partner- Mohd Azhar Javed		
4.	Full correspondence address of proponent.	3/2204 Dehradun Road, Khan Alam Pura, Saharanpur, U.P- 247001		
5.	Name of Project	Sand /Bajri/ Boulder (RBM) Mine		
6.	Project location (Gata No.)	1		
7.	Name of Village	Mahmoodpur Nagli Aehatmal		
8.	Tehsil	Behat		
9.	District.	Saharanpur (U.P.)		
10.	Name of Minor Mineral	Sand /Bajri/ Boulder (RBM)		
11.	Sanction Lease Area (in Ha.)	15.700 Ha.		
12.	Max. & Min mRL within lease area	Maximum & Minimum mRL 311 mRL & 307 mRL respectively		
13.	Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
		A	30°16'02.98"N	77°32'30.74"E
		B	30°16'10.84"N	77°32'18.84"E
		C	30°16'00.40"N	77°32'11.56"E
		D	30°15'51.70"N	77°32'23.64"E
14.	Total Geological Reserves	5,35,876 m ³		
15.	Total Mineable Reserves	3,29,445 m ³		
16.	Total Proposed Production (in five year)	14,13,000 m ³ in 5 years.		
17.	Proposed production / year	2,82,600 m ³ per year		
18.	Sanction Period of Mine lese	5 years		
19.	No. of workers	Approximately 33 workers		
20.	Type of Land	Government Land		
21.	Ultimate depth of mining	3.0 m as per approved mining plan		
22.	Nearest metalled road from Site	Major district road connect with the site at a distance of approx. 3.80 km in E direction		
23.	Water requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking water		0.43
		Dust suppression		2.70
		Plantation		0.08
		Others (if any)		-
Total		3.21 KLD		
24.	Name of QCI Accredited Consultant with QCI No. and period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (REV-01) Valid up to 21/01/2024.		
25.	Any litigation pending against the project or land	No		

	in any court.	
26.	Detail of 500 m Cluster certificate verified by mining officer	Letter No.1899/ Khanij /2023-24 Date- 16/09/2023
27.	Detail of Lease Area in approved DSR	Page 10 of 36, Serial No- 15
28.	Proposed EMP cost	Rs 5,88,840/-
29.	Length and breadth of Haul Road	300 m length and 6m width
30.	No. of Trees to be planted.	80
31.	Monitoring Period.	1 October 2023 to 31 Dec 2023

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

The consultant (EIA Coordinator) also submitted an affidavit dated 12/12/2023 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
2. I have prepared TOR for the Proposal No. SIA/UP/MIN/451658/2023, (FILE No. 8460) M/s Blue Star Mines (Geo Developers Pvt. Ltd.) Authorised Partner-Mohd Azhar Javed Address – 3/2204 Dehradun Road, Khan Alam Pura, Saharanpur, U.P. Proposed Project of riverbed “Sand / Bajri / Boulder (RBM) Mining Project” on the riverbed Gata No. – 1, Village – Mahmoodpur Nagli Ahatmal, Tehsil - Behat & District - Saharanpur (U.P.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 06

The committee discussed the matter and gone through the Hon’ble NGT order dated 08/11/2023 passed in O.A. No. 188/2023 Gaurav Kumar Vs. State of U.P. & Ors. SEAC recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes, with the remarks that the final EC shall be processed after compliance of Hon’ble NGT order dated 08/11/2023. 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. Cluster EMP for all the mining lease area should be prepared and submitted along with EIA report.
 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 and UPPCB 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 working 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.
7. **“Ordinary Earth Mine” at Gata No.- 691, Village- Meenapur Fagauli, Tehsil- Rudauli, District- Ayodhya, Shri Abhimanvu Yadav, Area- 0.269 ha., 8462/SIA/UP/MIN/442941/2023**

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

1. The environmental clearance is sought for “Ordinary Earth Mine” at Gata No.- 691, Village- Meenapur Fagauli, Tehsil- Rudauli, District- Ayodhya, Uttar Pradesh, (Lease Area- 0.269 ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/442941/2023																			
2.	File No. allotted by SEIAA, UP	8462																			
3.	Name of Proponent	Shri Abhimanyu Yadav																			
4.	Full correspondence address of proponent	Shri Abhimanyu Yadav S/o Shri Ram Sagar R/o Village- Naipura, Tehsil- Rudauli, District- Ayodhya, Uttar Pradesh, 225402 E-mail Id- abhimanyuyadav5418@gmail.com																			
5.	Name of Project	“Ordinary Earth Mine” Village- Meenapur Fagauli, Tehsil- Rudauli, District- Ayodhya, Uttar Pradesh																			
6.	Project Location (Plot/Khasra/Gata No.)	Gata No.- 691, Village- Meenapur Fagauli, Tehsil- Rudauli, District- Ayodhya, Uttar Pradesh																			
7.	Name of Village	Meenapur Fagauli																			
8.	Tehsil	Rudauli																			
9.	District	Ayodhya																			
10.	Name of Minor Mineral	Ordinary Earth																			
11.	Sanctioned Lease Area (in Ha.)	0.269 ha.																			
12.	Max. & Min mRL within lease area	Highest- 134 mRL & Lowest- 132 mRL																			
13.	Pillar Coordinates (Verified by DMO)	Geo-Coordinates are- <table><tr><td>Plot No.</td><td>Points</td><td>Latitude</td><td>Longitude</td></tr><tr><td rowspan="4">691</td><td>A</td><td>26°49'37.39"N</td><td>81°44'16.06"E</td></tr><tr><td>B</td><td>26°49'36.67"N</td><td>81°44'17.33"E</td></tr><tr><td>C</td><td>26°49'34.84"N</td><td>81°44'15.99"E</td></tr><tr><td>D</td><td>26°49'35.56"N</td><td>81°44'14.78"E</td></tr></table>			Plot No.	Points	Latitude	Longitude	691	A	26°49'37.39"N	81°44'16.06"E	B	26°49'36.67"N	81°44'17.33"E	C	26°49'34.84"N	81°44'15.99"E	D	26°49'35.56"N	81°44'14.78"E
Plot No.	Points	Latitude	Longitude																		
691	A	26°49'37.39"N	81°44'16.06"E																		
	B	26°49'36.67"N	81°44'17.33"E																		
	C	26°49'34.84"N	81°44'15.99"E																		
	D	26°49'35.56"N	81°44'14.78"E																		
14.	Total Geological Reserves	5,918 m ³																			
15.	Total Mineable Reserves	4,599 m ³																			
16.	Total Proposed Production	4,599 m ³ (in 3 months)																			
17.	Proposed Production	4,599 m ³ (in 3 months)																			
18.	Sanctioned Period of Mine lease	03 months																			
19.	No. of workers	10																			
20.	Type of Land	Private land																			
21.	Ultimate depth of mining	2.2m																			
22.	Nearest metalled road from site	0.7 km																			
23.	Water Requirement	PURPOSE		REQUIREMENT (KLD)																	
		Drinking		0.10 KLD																	
		Suppression of dust		1.40 KLD																	
		Plantation		0.06 KLD																	
		Total		1.56 KLD																	
24.	Name of QCI Accredited Consultant with QCI No. and period of validity	M/s AWS Envirotech (OPC) Pvt. Ltd 2 nd floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar, Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14, 2025																			
25.	Any litigation pending against the project or land in any court	No																			
26.	Details of 500 m Cluster certificate verified by Mining Officer	Vide letter No.- 278/ Quarry Karya. Dated- 01.09.2023																			
27.	Details of Lease Area in approved DSR	Its ordinary soil mining project, DSR not applicable																			
28.	Proposed EMP cost	EMP Cost- Rs. 83,000/-																			
29.	Length and breadth of Haul Road	100 m & 6 m																			
30.	No. of Trees to be Planted	30																			

3. Action Plan as per Ministry's O.M. dated 30/09/2020:

S. No.	Particulars	Details	Total Cost (Rs.)
1.	Afforestation/ No. of saplings (proposed plant 30 in excavation period)	Rs 1000/Saplings (plantation including maintenance)	30,000
2.	Water Demand Expenses	-	31,000
3.	Color coded Dust Bins as per MSW rule 2016	-	2,000

4.	Miscellaneous	-	20,000
Total			83,000/-
Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.			

4. 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.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. 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.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 02/09/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared EC application report for the "Ordinary Earth Mine" at Gata No.- 691, Village-Meenapur Fagauli, Tehsil- Rudauli, District- Ayodhya, Uttar Pradesh, (Lease Area- 0.269 ha.) with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required submitted along with EC application are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The EIA report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 07

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

8. Granite Stone (Khanda/ Gitti/ Boulder and Red Morrum) Mining project at Gata No.- 715/11 Village- Gonda, Tehsil- Karwi, District: Chitrakoot, Shri Balveer Singh, Area: 2.024 Ha., 8464/SIA/UP/MIN/451758/2023

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 Building Stone Sand Stone Mine at Gata No.- 715/11, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P., (Leased Area- 2.024 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 451758 /2023
2.	File No. allotted by SEIAA, UP	8464
3.	Name of Proponent	Prop. Shri Balveer Singh
4.	Full correspondence address of proponent and	R/o Durgadaspur Pukhrayan, Kanpur Dehat, Uttar

	mobile No.	Pradesh																			
		Mobile No-																			
		Email-																			
5.	Name of Project	Gonda Granite Stone (Khanda/ Gitti/ Boulder and Red Morrum) Mining project																			
6.	Project location (Plot/Khasra/Gata No.)	Gata No 715/11																			
7.	Name of Village	Gonda																			
8.	Tehsil	Karwi																			
9.	District	Chirakoot																			
10.	Name of Minor Mineral	Granite Stone (Khanda/ Gitti/ Boulder and Red Morrum)																			
11.	Sanctioned Lease Area (in Ha.)	2.024 ha																			
12.	Max & Min mRL within lease area	Max- 230.0 mRL & 158.0 mRL																			
13.	Pillar Coordinates (Verified by DMO)	<table><tr><th colspan="3">Sanctioned Mining Lease Area</th></tr><tr><th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25°12'24.196"N</td><td>80°45'17.985"E</td></tr><tr><td>B</td><td>25°12'24.523"N</td><td>80°45'21.601"E</td></tr><tr><td>C</td><td>25°12'18.600"N</td><td>80°45'21.481"E</td></tr><tr><td>D</td><td>25°12'18.842"N</td><td>80°45'17.561"E</td></tr></table>		Sanctioned Mining Lease Area			Pillar No.	Latitude	Longitude	A	25°12'24.196"N	80°45'17.985"E	B	25°12'24.523"N	80°45'21.601"E	C	25°12'18.600"N	80°45'21.481"E	D	25°12'18.842"N	80°45'17.561"E
Sanctioned Mining Lease Area																					
Pillar No.	Latitude	Longitude																			
A	25°12'24.196"N	80°45'17.985"E																			
B	25°12'24.523"N	80°45'21.601"E																			
C	25°12'18.600"N	80°45'21.481"E																			
D	25°12'18.842"N	80°45'17.561"E																			
14.	Total Geological Reserves	12,83,691 Cum																			
15.	Total Mineable Reserves in LOI	30,360 Cum/year																			
16.	Total Proposed Production	30,360 Cum/year																			
17.	Proposed Production/year	30,360 Cum																			
18.	Sanctioned Period of Mine lease	10 years																			
19.	No. of workers	53																			
20.	Type of Land	Government waste land																			
21.	Ultimate Depth of Mining	72																			
22.	Nearest metalled road from site	1.0 km																			
23.	Water Requirement	<table><tr><th>Purpose</th><th>Requirement (KLD)</th></tr><tr><td>Drinking</td><td>0.53</td></tr><tr><td>Suppression of dust</td><td>4.36</td></tr><tr><td>Plantation</td><td>2.03</td></tr><tr><td>Others (if any)</td><td>0.53</td></tr><tr><td>Total</td><td>7.45</td></tr></table>	Purpose	Requirement (KLD)	Drinking	0.53	Suppression of dust	4.36	Plantation	2.03	Others (if any)	0.53	Total	7.45							
Purpose	Requirement (KLD)																				
Drinking	0.53																				
Suppression of dust	4.36																				
Plantation	2.03																				
Others (if any)	0.53																				
Total	7.45																				
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. Certificate No. NABET/EIA/1922/SA 0186, Validity- 10-03-2024																			
25.	Any litigation pending against the project or land in any court	No																			
26.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified 2041/Khanij/2023-24 Dated-01/08/2023																			
27.	Details of Lease Area in approved DSR	Yes, given in the DSR, Ref No. 2605/Khanij/2023-24 Dated 11.12.2023																			
28.	Proposed EMP cost	Recurring Cost- 6,83,000/- including CER																			
29.	Length and breadth of Haul Road	Length: 0.363 km, width: 6 m																			
30.	No. of Trees to be Planted	2024 plants																			
31.	Monitoring Period	October 2023 to December 2023																			

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

The consultant (EIA Coordinator) also submitted an affidavit dated 12/12/2023 mentioning is

as follows:

1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
2. I have prepared TOR project for the proposal (SIA/UP/MIN/451758/2023), File No. 8464 of Building Stone Sand Stone Mine at Gata No.- 715/11, Village- Gonda, Tehsil- Karwi, District- Chirakoot, U.P., (Leased Area- 2.024 Ha) with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for TOR project preparation are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The 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. 08

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in 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.
2. 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.
3. 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.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
6. Combined KML of all mines in a cluster should be submitted at the time of EIA.
7. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
8. 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.
9. 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.
10. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 11. 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.
 12. 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.
 13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 14. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

9. Manufacturing of synthetic organic chemicals for the existing production capacity of 40,000 Ton/Year Formaldehyde under Violation Category at Plot No. K-1, Phase 1, UPSIDC, Industrial Area Sandila, District- Hardoi, Shri Rajesh Jain, M/s Focus Merchants Limited., 8466/7527/SIA/UP/IND3/451718/2023

The committee was informed that an application dated 10/01/2023 (Proposal No. SIA/UP/IND3/413947/2023) was made by the project proponent M/s Focus Merchants Ltd. for terms of reference of manufacturing of synthetic organic chemicals for the existing production capacity of 40,000 Ton/Year Formaldehyde under Violation Category at Plot No. K-1, Phase 1, UPSIDC, Industrial Area Sandila, District- Hardoi, M/s Focus Merchants Limited under violation category as per procedure laid down in MoEF&CC, Govt. of India Office Memorandum dated 7th July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

The committee was also informed 100% construction work has been completed and operation of the unit has already been started since year 2011 without obtaining prior environmental clearance from competent authority and total project cost Rs. 1,11,42,618/- has been invested in the project. The project proponent also informed that after operation of Existing facility; 21,24,12,130 kgs of Formaldehyde has been manufactured and total turn over of the unit during violation period (2011-12 to 2021-22) is Rs. 308,81,62,293/- as per the Chartered Accountant Certificate (CA Arun Ahuja, M/s Ahuja Arun & Company), dated 04/01/2023 submitted by the project proponent.

The committee observed that as per clause 12 a (i) of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021 under Penalty provisions for violation cases and applications: For New Projects: Where operation has not commenced: 1% of the total Project Cost incurred upto the date of filing of application along with EIA/EMP Report has to be imposed on the project proponent. The committee also observed that as per clause 12 a (ii) of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021 : where operations have commenced without EC : 1% of the total project cost incurred up to the date of filing of application along with EIA/EMP report plus 0.25% of the total turnover during the period of violation. However as per clause 12.2 of OM Dated 07/07/2021 the percentage rates, as above, shall be halved if the PP suo-moto reports the such violation without such violations coming to the knowledge of the Government either on inquiry or complaint.

The committee directed the project proponent to submit the letter from District Magistrate, Hardoi, Hardoi Development Authority, Nagar Nigam/Nagar Panchayat, Hardoi and RO, UPPCB, Hardoi mentioned that there is no compliant received against the aforesaid project regarding start of construction work at the site and CTE/CTO application has not been refused by UPPCB in the absence of environmental clearance. The committee will be decided the penalty after receipt of above

letters from project proponent. In the absence of above letters, the committee will impose 1% penalty to the project proposal as per clause 12 a (i) of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021.

The committee also directed the project proponent to stop the operation of the unit until the Environmental Clearance is granted as per section 11 of standard operating procedure (SoP) for identification and handling of violation case under EIA Notification, 2006.

The project was listed in the 727th SEAC meeting dated 16/02/2023 wherein the committee through its minutes of meeting recommended the case to SEIAA for the grant of Terms of Reference (ToR) under Violation category. The case was taken up in the 718th SEIAA meeting dated 07/04/2023 and agreed to grant the Terms of Reference (ToR) to the project under Violation Category.

The terms of reference for the project proposal was issued by SEIAA vide letter no. 54/Parya/SEIAA/7527/2022, dated 24/05/2023. Public hearing in the matter is exempted as per office memorandum issued by MoEF&CC, GoI O.M. No. 11011/321/2016-IA.II(I), dated 27/04/2018 EIA report submitted by the project proponent through online Parivesh Portal vide Proposal no. SIA/UP/IND3/451718/2023, (SEIAA File No. 8466) on 09/11/2023 and the matter were listed for EIA appraisal in 815th SEAC meeting dated 13/12/2023.

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development, Lucknow. The chronology of the project is given below:

- M/s Focus Merchant Ltd is an existing unit located at Plot No. K-1, Phase 1, UPSIDC, Industrial Area Sandila, Hardoi – 241127.
- The unit having Consent to establish (CTE/NOC) vide ref no. F44492/486/2009 dated 10.02.2009 obtained from Uttar Pradesh Pollution Control Board (UPPCB) for existing production capacity of 40,000 Ton/Year Formaldehyde.
- The manufacturing of Formaldehyde was started since 2011.
- In continuation, the latest CTO (Water) has been issued vide Ref No. - 79936/ UPPCB/ Unnao (UPPCBRO)/ CTO/ water/ HARDOI/ 2019 dated 27.02.2020 valid up to 31.12.2024 and CTO (Air) vide Ref No. - 79931/ UPPCB/ Unnao (UPPCBRO)/ CTO/ air/ HARDOI/ 2019 dated 27.02.2020 valid up to 31.12.2024 for the approved production capacity of Formaldehyde – 40,000 Ton/Year.
- Now, M/s Focus Merchant Ltd wants to environmental clearance for existing manufacturing of synthetic organic chemicals formaldehyde in their existing premises under Violation Category as per OM 07.07.2021 at Plot No. K-1, Phase - 1, UPSIDC, Industrial Area Sandila, Hardoi – 241127
- The project is Synthetic Organic Chemicals (Formaldehyde) based industry that's comes under the Item 5(f) and category B as per MoEF&CC notification, 2006 and their subsequent amendments.
- The Industry has been acquired a plot having total land area of 6085.73 sqm.

• **Penalty provisions for violation cases and application:**

As per clause 12 a (i) of OM No F.N. 22-21/2020-IA.III dated 07/07/2021 under Penalty provisions for violation cases and applications: **where operations have commenced without EC:** 1% of the total project cost incurred up to the date of filing of application along with EIA/EMP report plus 0.25% of the total turnover during the period of violation. However as per clause 12.2 of OM Dated 07/07/2021 the percentage rates, as above, shall be halved if the PP suo-moto reports the such violation without such violations coming to the knowledge of the Government either on inquiry or complaint.

It is pertinent to contend here that the aforementioned project being the case of suo moto admission needs to be dealt in accordingly with the provisions of clause 12.2 of the SOP dated 07.07.2021. Accordingly, the violation penalty to be imposed is estimated below:

Violation Charges as per clause 12.2 of MoEFCC OM dated 07.07.2021			Violation Charges
Total Project Cost incurred till date	Rs. 1,11,42,618	0.5 % of Total Project Cost incurred till date	Rs. 55,713.09
Total Turnover during the violation period (2011-2022)	Rs. 308,81,62,293	0.12½% of total turnover during the violation period	Rs. 38,60,202
Total			Rs. 39,15,915.09

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

1. The environmental clearance is sought for manufacturing of synthetic organic chemicals for the existing production capacity of 40,000 Ton/Year Formaldehyde at Plot No. K-1, Phase 1, UPSIDC, Industrial Area Sandila, District- Hardoi, U.P., M/s Focus Merchants Limited.
2. The terms of reference in the matter were issued by SEIAA vide letter no. 54/Parya/SEIAA/7527/2022, dated 24/05/2023 in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021.
3. Public hearing in the matter is exempted as per office memorandum issued by MoEF&CC, GoI O.M. No. 11011/321/2016-IA.II(I), dated 27/04/2018 EIA report submitted by the project proponent through online Parivesh Portal vide Proposal no. SIA/UP/IND3/451718/2023, (SEIAA File No. 8466) on 09/11/2023.
4. Salient features of the project:

S. No	Particulars	Details		
1	Name of the unit	M/s Focus Merchants Limited		
2	Name of Applicant	Mr. Rajesh Jain		
3	Designation	Director		
4	Location of the factory	Plot No. K-1, Phase 1, UPSIDC, Industrial Area Sandila Hardoi-241127, Uttar Pradesh		
5	Telephone number& E-mail	9891445558 rajesh.jain78@yahoo.in		
6	Correspondence Address	AD-13A, Pitam Pura Delhi, 110034 INDIA		
7	Production details	Project Type	Existing Capacity	
		Existing Formaldehyde Manufacturing Plant	Formaldehyde 40000 Ton/Year	
8	Category of Project	B, 5(f) of the Schedule-I of EIA Notification, 2006		
9	Coordinates of Proposed project	Pillar	Latitude and Longitude	
		A	27°05'21.30"N	80°27'23.96"E
		B	27°05'22.40"N	80°27'22.42"E
		C	27°05'25.56"N	80°27'25.06"E
		D	27°05'24.72"N	80°27'26.44"E
10	Topo sheet Number	63A/8 and 63 A/12		
11	Area Details	Description	Area in m ²	Percentage (%)
		Plant area, Office Area	1453.30	23.9
		Methanol storage area	269.66	4.43
		Road and Open area	2354.58	38.68
		Green Belt area	2008.29	33.00
		Total	6085.73	100.0
12	Greenbelt / Plantation Area	33.0 % of the project area will be covered under green belt and plantation i.e. 2008.29 sqm		
13	Land Details	Industrial land falling in the UP Government notified Industrial area Sandila, Hardoi, Uttar Pradesh is under possession of		

		the Company. Land has been allotted to Focus Merchant Limited by UP State Industrial Development Corporation Limited (UPSIDC vide ref No 6892/SIDC/RML dated 18.02.2009
14	Cost of the project	Project cost incurred till date - Rs. 1.114 Crore
15	EMP Cast	Cost for Environmental Protection Measures: Capital Cost: Rs 73.0 Lakh. Recurring Cost: Rs 12.5 Lakh / annum
16	CER Cost: @ 2 % of total project cost	Approx. Rs. 2.5 Lakh. are allocated for towards various activities under Corporate Environment Responsibility (CER) program
17	Water requirement	Total Fresh water requirement for existing is 114.67KLD. Process water will be –63.0KLD, Utilities demand – 45.15 KLD Domestic demand is – 0.50 KLD and for Greenbelt 6.02. Application for abstraction of ground water will be obtained from UPGWD (Uttar Pradesh Ground Water Department).
18	Waste Water generation	No effluent will be generated from the process. RO reject, and cooling tower reject will be sent to Evaporators. Condensate of evaporator will be reused in cooling tower and generated salts will be stored and sent to nearest TSDF.
19	Source of Water	The requirement of fresh water will be met through Bore well and permission shall be taken from UPGWD
20	Power Requirement	Total Electricity: 500 KVA
21	Source of Power	UPPCL.
22	D.G. Set Capacity with stack height	2 DG set of capacity 140 KVA and 400 KVA exists at the plant
23	Stack Height of DG Set	6 Meter
24	Solar Power	10% of total power requirement
25	Fuel requirement for DG Set	Diesel : 55 Litre /hr
26	Boiler Capacity	1 TPH
27	Pollution Control Equipment Measures	Boiler shall be installed with wet scrubber with Multi-cyclone dust collector & 18m height chimney
28	Height of Boiler Stack	30 Meter
29	Boiler type	Wood briquettes
30	Fuel requirement for Boiler	Wood briquettes
31	Cooling Tower Capacity	Existing-150 (1 No.)
32	Man Power Requirement	Operation phase Existing = 15
33	ing Day	330
34	Raw material and its Quantity	The only raw material is Methanol (55 TPM) and Silver Catalysts 85 Kg (For Formaldehyde)
35	Source of Raw Materials	Methanol directly purchased from original importers & stored in underground M.S tanks. All the raw materials are sourced from Kandla Port, Gujarat.
36	Storage of raw material	The raw materials will be stored in closed containers and will be handled through closed system to avoid the handling losses.
37	Source of Air Pollution and fuel	DG Sets and Boiler
38	Air Pollution Control Equipment	All major sources of Air pollution will be provided with Wet Scrubber to maintain PM emissions below permissible limits (i.e. < 80 mg/Nm ³). Stack height : 30 meters

5. Land use details:

Particulars	Area (m ²)	Percentage (%)
Plant area, Office Area	1453.30	23.9
Methanol storage area	269.66	4.43
Road and Open area	2354.58	38.68
Green Belt area	2008.29	33.00
Total	6085.73	100.0

6. Raw material details:

S. No	Name of Raw	CAS no. of Raw	State	Product	Mode of Storage
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	Materials	Materials		Quantity	
For Formaldehyde:					
1	Methanol	67-56-1	Liquid	55 TPM	M. S Tank
CHEMICALS					
2	Silver Catalysts	7440-22-4	Granules	85 kg	Pouches/Bags

7. Hazardous waste details:

Type of Waste	Cat.	Source of Waste	Capacity	Method of storage	Method of Disposal
Hazardous Waste					
Salts from Evaporator	37.3	Evaporator	0.033	Stored in covered area with platform	Send to TSDF facility
Empty Barrels/ Containers	33.1	Storage godown	5	Stored in covered area with platform	TSDF/Send to vendor/ Sell to approved UPPCB approved scrap dealer
Used Oils	5.1	Utilities	250	Stored in covered area with platform	Authorized recyclers identified by UPPCB
Solid Waste					
Bottom Ash	--	Utilities	0.26 kg/hr	Bags	Brick Manufacturers/ Cement Manufacturers

8. Water requirement details:

Particulars	Existing (KLD)	Remarks
(A) Domestic	0.50	Fresh Water
(B) Gardening	6.02	
(C) Industrial		
Process	63.0	
Washing	0.1	
Boiler*	0.05	
Cooling	20	
Others	25	
Industrial Total	108.15	
Grand Total (A+B+C)	114.67	
Total Fresh water requirement for existing is 114.67KLD. Process water will be –63.0KLD, Utilities demand – 45.15 KLD Domestic demand is – 0.50 KLD and for Greenbelt 6.02. Application for abstraction of ground water will be obtained from UPGWD (Uttar Pradesh Ground Water Department).		

9. Action Plan as per Ministry's O.M. dated 30/09/2020:

S. No	Description	Budgetary allocation (Rs. In Lakh)
		1 st Year
1	Plantation as per the consultation of Gram Pradhan of village Murar Nagar	2.5
	Total	2.5

10. Budget for remediation plan and natural and community resource augmentation plan:

S.No.	Aspects	Budget (Rs.)
1	Estimated Cost on remediation plan based on the damage assessment due to violation	1048371.43
2	Natural resource augmentation plan for 3 years	349201.34
3	Community resource augmentation plan for 3 years	100000
Total		14,97,572.77

11. The project proposal falls under category–5(f) of EIA Notification, 2006 (as amended) and MoEF&CC, violation SoP/Office Memorandum dated 07/07/2021 for the violation project.

The consultant (EIA Coordinator) also submitted an affidavit dated 11/12/2023 mentioning is as follows:

1. I, Awadhes Kumar, S/o Sri Paltan Prasad is EIA Coordinator of M/s Paramarsh Servicing Environment and Development, Lucknow.
2. I, have prepared the form-1, 1A and PFR for the proposal no. SIA/UP/IND3/451718/2023 of the client Shri Rajesh jain, Directore of M/s Focus Merchant Ltd. for the project manufacturing of synthetic organic chemicals for the existing production capacity of 40,000 Ton/Year Formaldehyde at Plot No. K-1, Phase 1, UPSIDC, Industrial Area Sandila, District- Hardoi, U.P., with my team.
3. I have personally visited the site of proposal and certify that this is a violation project.
4. I am satisfied with that all the necessary data/information submitted along with TOR are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. The TOR application for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 09

The committee has gone through the provision of MoEF&CC, Govt. of India Violation SoP/Office Memorandum dated 07/07/2021 and impose a penalty of 0.5% of total project cost (Rs. 1,11,42,618/-) i.e. Rs. 55,713.09/- and 0.12½% of the total turnover (Rs. 3,08,81,62,293/-) during the period of violation i.e. Rs. 38,60,202/-. Total penalty impose by the committee is Rs. 39,15,915.09/- on project proponent which has to be deposited with UPPCB before issuance of environmental clearance. In case it comes to notice of SEIAA/ SEAC that any complaint is received from any person/institution/departments/organization prior to suo-moto declaration of the project proponent then penalty will be increased to 1% as per SoP/OM dated 7th July, 2021.

The committee discussed the matter in depth in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended grant of environmental clearance (subject to submission of penalty of Rs. 39,15,915.09/- and bank guarantee of Rs. 14,97,572.77/- equivalent to the amount of remediation plan and natural and community resource augmentation plan to UPPCB) on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following Specific Conditions:

Specific Conditions:

1. The project proponent shall be submit a bank guarantee of Rs. 14,97,572.77/- equivalent to the amount of remediation plan and natural and community resource augmentation plan to the SPCB. The bank guarantee shall be released after successful implementation of the EMP and after the recommendations of the concerned Regional Office of the Ministry, the SEAC and approval of the regulatory authority.
2. The environmental clearance is only to be issued after taking credible action by the State Govt./SPCB against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
3. Explore the possibilities of use of various by-products.
4. Development of spectrophotometric method for detection of formaldehyde in air and HPLC method for detection of formaldehyde in water.
5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
6. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.

7. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
8. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
9. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water.
10. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. Statutory compliance:
 - i. The project proponent should obtain necessary permission from Drug Controller, Govt. of India, within time frame.
 - ii. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 - iii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - iv. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule species in the study area).
 - v. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
 - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
 - vii. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
2. Air quality monitoring and preservation:
 - i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
 - iii. The project proponent shall install system to carryout Ambient Air Quality

- monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
 - v. Storage of raw materials, coal etc, shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
 - vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
 - vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied.
3. Water quality monitoring and preservation:
- i. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
 - ii. The project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
 - iii. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
 - iv. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
 - v. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
 - vi. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
 - vii. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 - viii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 - ix. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 - x. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 - xi. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 - xii. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape

- etc. would be considered as pervious surface.
- xiii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
 - xiv. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 - xv. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 - xvi. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
 - xvii. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
 - xviii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
 - xix. All recharge should be limited to shallow aquifer.
 - xx. No ground water shall be used during construction phase of the project.
 - xxi. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
 - xxii. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 - xxiii. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. Dual pipelines plan for reuse of treated water on campus should be implemented.
 - xxiv. No sewage or untreated effluent water would be discharged through storm water drains.
 - xxv. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change.
 - xxvi. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
 - xxvii. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
- i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
 - ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.

- iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- 5. Energy Conservation measures:
 - i. The energy sources for lighting purposes shall preferably be LED based.
- 6. Waste management:
 - i. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
 - ii. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
 - iii. The company shall undertake waste minimization measures as below:-
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation
- 7. Green Belt:
 - i. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- 8. Safety, Public hearing and Human health issues:
 - i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 - ii. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
 - iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
 - iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
 - v. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
 - vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
 - vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
- 9. Corporate Environment Responsibility:
 - i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
 - ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation /violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part

- of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level , with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
 - iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six Monthly Compliance Report.
 - v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
10. Miscellaneous:
- i. Environment Clearance subjected to condition of necessary permission from Drug Controller and Department of Industry.
 - ii. Monitoring of dioxin and furon from biomass fueled boiler should be done.
 - iii. Agreement with TSDF vendors shall be submitted.
 - iv. 100% waste water is to be treated in ETP conforming to prescribed standards of receiving body for designated use.
 - v. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
 - vi. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
 - vii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
 - viii. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
 - ix. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
 - x. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
 - xi. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
 - xii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - xiii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
 - xiv. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
 - xv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

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

10. “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No. – 1&1 M village – Nityanandpur Aehatmal, Tehsil – Behat& District - Saharanpur, Shri Bilinder Kumar, Area 17.70 Ha., 8468/SIA/UP/MIN/451992/2023

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

- 1. The terms of reference is sought “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No. – 1&1 M village – Nityanandpur Aehatmal, Tehsil – Behat& District - Saharanpur, U.P., (Leased Area- 17.70 Ha).
- 2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/451992/2023															
2.	File no. allotted by SEIAA, UP	8468															
3.	Name of proponent	M/ S Choudhary Mines Project Proponent- Bilinder Kumar															
4.	Full correspondence address of proponent.	Near Government School, Bartha Kayastha, Alahnpur Aht., Saharanpur, U.P.															
5.	Name of Project	Sand /Bajri/ Boulder (RBM) Mine															
6.	Project location (Plot / Khasra / Gata No.)	Gata No. 1 & 1M															
7.	Name of Village	Nityanandpur Aehatmal															
8.	Tehsil	Behat															
9.	District.	Saharanpur (U.P.)															
10.	Name of Minor Mineral	Sand /Bajri/ Boulder (RBM)															
11.	Sanction Lease Area (in Ha.)	17.70 Ha.															
12.	Max. & Min mRL within lease area	Maximum & Minimum mRL 309 mRL & 305 mRL respectively															
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar</th><th>Latitude(N)</th><th>Longitude(E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>30°15'25.77"N</td><td>77°31'57.79"E</td></tr> <tr> <td>B</td><td>30°15'41.32"N</td><td>77°32'12.89"E</td></tr> <tr> <td>C</td><td>30°15'46.16"N</td><td>77°32'0.64"E</td></tr> <tr> <td>D</td><td>30°15'28.87"N</td><td>77°31'50.13"E</td></tr> </tbody> </table>	Pillar	Latitude(N)	Longitude(E)	A	30°15'25.77"N	77°31'57.79"E	B	30°15'41.32"N	77°32'12.89"E	C	30°15'46.16"N	77°32'0.64"E	D	30°15'28.87"N	77°31'50.13"E
Pillar	Latitude(N)	Longitude(E)															
A	30°15'25.77"N	77°31'57.79"E															
B	30°15'41.32"N	77°32'12.89"E															
C	30°15'46.16"N	77°32'0.64"E															
D	30°15'28.87"N	77°31'50.13"E															
14.	Total Geological Reserves	5,60,316 m ³															
15.	Total Mineable Reserves	3,26,159 m ³															
16.	Total Proposed Production (in five year)	15,93,000 m ³ in 5 years.															
17.	Proposed production / year	3,18,600 m ³ per year															

18.	Sanction Period of Mine lease	5 years
19.	No. of workers	Approximately 35 workers
20.	Type of Land	Government Land (river bed)
21.	Ultimate depth of mining	3.0 m as per approved mining plan
22.	Nearest metalled road from Site	NH-907 about 3.8 km towards West direction
23.	Water requirement	PURPOSE
		Drinking water
		Dust suppression
		Plantation
		Others (if any)
		Total
		REQUIREMENT (KLD)
		0.45 KLD
		3.42 KLD
		0.09 KLD
		-
		3.96 KLD approx.
24.	Name of QCI Accredited Consultant with QCI No. and period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (REV-01) Valid up to 21/01/2024.
25.	Any litigation pending against the project or land in any court.	No
26.	Detail of 500 m Cluster certificate verified by mining officer	Letter No. (Letter No.1903/ Khanij /(2023-24) Date-16/09/2023
27.	Detail of Lease Area in approved DSR	letter no- Page No. 10 OF 36, Serial No. 17
28.	Proposed EMP cost	Rs 9,98,180/-
29.	Length and breadth of Haul Road	380 m length and 6m width
30.	No. of Trees to be planted.	90
31.	Monitoring Period.	1st October 2023 to 31st Dec 2023

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

The project proponent also submitted a letter dated 04/09/2023 at the Secretariat through which they have informed that the collection of baseline monitoring data for the said project has already been started for post-monsoon season (October to December, 2023) as per provision of MoEFCC, OM dated 08/06/2022.

The consultant (EIA Coordinator) also submitted an affidavit dated 12/12/2023 mentioning is as follows:

- I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
- I have prepared TOR for the Proposal No. SIA/UP/MIN/451992/2023, (FILE No. 8468) M/S Choudhary Mines Project Proponent- Bilinder Kumar Address- Near Government School, Bartha Kayastha, Alahnpur Aht., Saharanpur, U.P. Proposed Project of riverbed "Sand / Bajri / Boulder (RBM) Mining Project" on the riverbed Gata No. 1 & 1M, Village – Nityanandpur Aehatmal, Tehsil - Behat & District - Saharanpur (U.P.) 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 have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.

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

RESOLUTION AGAINST AGENDA NO. 10

The committee discussed the matter and gone through the Hon'ble NGT order dated 08/11/2023 passed in O.A. No. 188/2023 Gaurav Kumar Vs. State of U.P. & Ors. SEAC recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes, with the remarks that the final EC shall be processed after compliance of Hon'ble NGT order dated 08/11/2023. 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. Cluster EMP for all the mining lease area should be prepared and submitted along with EIA report.
3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
5. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
7. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
12. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
13. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

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

11. “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No.-119/1 , 120/1 , 192/1 , 193/1 , 225/1,Village-Kaluwala Pahadipur, Tehsil – Behat & District - Saharanpur, Shri Manish Jaiswal, Area 14.90 Ha., 8470/SIA/UP/MIN/452071/2023

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

1. The terms of reference is sought “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No.- 119/1 , 120/1 , 192/1 , 193/1 , 225/1,Village-Kaluwala Pahadipur, Tehsil – Behat & District - Saharanpur, U.P., (Leased Area- 14.90 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/452071/2023	
2.	File no. allotted by SEIAA, UP	8470	
3.	Name of proponent	Manish Jaiswal	
4.	Full correspondence address of proponent.	Village Marwatiya, Akpangi, District Basti, Uttar Pradesh-272002	
5.	Name of Project	Sand /Bajri/ Boulder (RBM) Mine	
6.	Project location (Gata No.)	119/1 , 120/1 , 192/1 , 193/1 , 225/1	
7.	Name of Village	Kaluwala Pahadipur	
8.	Tehsil	Behat	
9.	District.	Saharanpur (U.P.)	
10.	Name of Minor Mineral	Sand /Bajri/ Boulder (RBM)	
11.	Sanction Lease Area (in Ha.)	14.90 Ha.	
12.	Max. & Min mRL within lease area	Maximum & Minimum mRL 363 mRL & 360 mRL respectively	
13.	Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)
		A	30°12'8.76"N
		B	30°12'6.03"N
		C	30°12'0.52"N
		D	30°11'40.91"N
		E	30°11'41.72"N
		F	30°12'2.08"N
		Longitude(E)	77°45'37.77"E
			77°45'42.25"E
			77°45'38.93"E
			77°45'32.39"E
			77°45'25.51"E
			77°45'33.06"E
14.	Total Geological Reserves	4,47,000 m ³	
15.	Total Mineable Reserves	1,99,013 m ³	
16.	Total Proposed Production (in five year)	8,94,000 m ³ in 5 years.	
17.	Proposed production / year	1,78,800 m ³ per year	
18.	Sanction Period of Mine lease	5 years	
19.	No. of workers	Approximately 33 workers	
20.	Type of Land	Government Land	
21.	Ultimate depth of mining	3.0 m as per approved mining plan	
22.	Nearest metalled road from Site	Barauli- Jahanpur road connect with the site at a distance of approx. 0.89 km in NE direction .	
23.	Water requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking water	0.43 KLD

		Dust suppression	1.8 KLD
		Plantation	0.075 KLD
		Others (if any)	-
		Total	2.31 KLD
24.	Name of QCI Accredited Consultant with QCI No. and period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (REV-01) Valid up to 21/01/2024.	
25.	Any litigation pending against the project or land in any court.	No	
26.	Detail of 500 m Cluster certificate verified by mining officer	Letter No.1947/ Khanij /(2023-24) Date- 23/09/2023	
27.	Detail of Lease Area in approved DSR	Page 10 of 36, Serial No- 10	
28.	Proposed EMP cost	Rs 4,07,250/-	
29.	Length and breadth of Haul Road	200 m length and 6m width	
30.	No. of Trees to be planted.	75	
31.	Monitoring Period.	1 October 2023 to 31 Dec 2023	

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

The project proponent also submitted a letter dated 06/09/2023 at the Secretariat through which they have informed that the collection of baseline monitoring data for the said project has already been started for post-monsoon season (October to December, 2023) as per provision of MoEFCC, OM dated 08/06/2022.

The consultant (EIA Coordinator) also submitted an affidavit dated 12/12/2023 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
2. I have prepared TOR for the Proposal No. SIA/UP/MIN/452071/2023, (FILE No. 8470) Proponent-Manish Jaiswal R/O – Village Marwatiya, Akpangi, District Basti, Uttar Pradesh, Proposed Project of riverbed “Sand / Bajri / Boulder (RBM) Mining Project” on the riverbed Gata No. 119/1, 120/1, 192/1, 193/1, 225/1 Village – Kaluwala Pahadipur, Tehsil - Behat & District - Saharanpur (U.P.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 11

The committee discussed the matter and gone through the Hon'ble NGT order dated 08/11/2023 passed in O.A. No. 188/2023 Gaurav Kumar Vs. State of U.P. & Ors. SEAC recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes, with the remarks that the final EC shall be processed after compliance of Hon'ble NGT order dated 08/11/2023. 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. Cluster EMP for all the mining lease area should be prepared and submitted along with EIA report.
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 and UPPCB 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 working 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.

12. “Sand/Moram Mining Project” located at Yamuna River Bed, Khand No. 5 Village- Naudiha Amilia, Tehsil- Bara & District- Prayagraj, Shri Nagendra Bahadur Singh, Area- 8.0 ha., 8136/SIA/UP/MIN/441097/2023

The Secretariat informed the committee that the matter was earlier listed in 785th SEAC meeting dated 13/09/2023 and the project proponent/consultant did not appear in the meeting and the committee decided that the project file should be closed and be opened only after request from the project proponent. The project proponent submitted their request through online Parivesh Portal and the matter was listed in 815th SEAC meeting dated 13/12/2023.

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 Geogreen Enviro House 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/Moram Mining Project” located at Yamuna River Bed, Khand No. 5 Village- Naudiha Amilia, Tehsil- Bara & District- Prayagraj, U.P., (Leased Area- 8.0 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 441097/2023																		
2.	File No. allotted by SEIAA, UP	8136																		
3.	Name of Proponent	M/s Patal Ganga Associates Shri Nagendra Bahadur Singh S/o Shri Fateh Bahadur Singh																		
4.	Full correspondence address of proponent	R/o: Village- Gonti, Purwakhas Tehsil- Karchhana Prayagraj (U.P.).																		
5.	Name of Project	“Sand/Moram Mining at Yamuna River Bed”																		
6.	Project location (Plot/ Khasra /Gata No.)	Khand No. 5																		
7.	Name of Village	Naudiha Amilia																		
8.	Tehsil	Bara																		
9.	District	Prayagraj (U.P)																		
10.	Name of Minor Mineral	Sand/Moram Mining																		
11.	Sanctioned Lease Area (in Ha.)	08.00 Ha.																		
12.	Max. & Min mRL within lease area	83.0 mRL -79.0 mRL																		
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Pillar Coordinates</th></tr> <tr> <th></th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 19.498' N</td><td>81° 36.065' E</td></tr> <tr> <td>B</td><td>25° 19.663' N</td><td>81° 35.895' E</td></tr> <tr> <td>C</td><td>25° 19.742' N</td><td>81° 35.998' E</td></tr> <tr> <td>D</td><td>25° 19.575' N</td><td>81° 36.156' E</td></tr> </tbody> </table>	Pillar Coordinates				Latitude (N)	Longitude (E)	A	25° 19.498' N	81° 36.065' E	B	25° 19.663' N	81° 35.895' E	C	25° 19.742' N	81° 35.998' E	D	25° 19.575' N	81° 36.156' E
Pillar Coordinates																				
	Latitude (N)	Longitude (E)																		
A	25° 19.498' N	81° 36.065' E																		
B	25° 19.663' N	81° 35.895' E																		
C	25° 19.742' N	81° 35.998' E																		
D	25° 19.575' N	81° 36.156' E																		
14.	Total Geological Reserves	2,40,000 cum																		
15.	Total Mineable Reserves	1,60,000 cum																		
16.	Total Proposed Production (in five year)	8,00,000 cum for 5 years																		
17.	Proposed Production / year	1,60,000 cum/year																		
18.	Sanctioned Period of Mine lease	05 Years																		
19.	No. of workers	55																		
20.	Type of Land	Government Land																		
21.	Ultimate depth of mining	3.0 m or above the ground water table whichever comes first																		
22.	Nearest metalled road from site	SH-195: Approx. 8.90 km in NW towards North direction from mine site																		
23.	Water Requirement	4.80 KLD																		
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	GEOGREEN ENVIRO HOUSE PVT LTD NABET/EIA/2124/RA0215 Valid till 24 Feb, 2024																		
25.	Any litigation pending against the project or land in any court.	No																		

26.	Details of 500 m Cluster certificate verified by Mining Officer.	Letter no: 1423/Khanij/2023-24 Dated: 18/08/2023.
27.	Details of Lease Area in approved DSR	In DSR page no: 55 & Sl.No.03.
28.	Proposed EMP cost	Rs. 2,50,000/-
29.	Length and breadth of Haul Road.	900 mtr x 6mtr
30.	No. of Trees to be Planted	1500
31.	Monitoring Period	01.12.2023 to 29.02.2024

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 29/10/2023 mentioning is as follows:

1. I, Vijay Kumar Mishra, S/o Shri Akhila Nand Mishra is EIA Coordinator of M/s Geogreen Enviro House Pvt Ltd
2. I have prepared EIA/EMP report for the proposal no. SIA/UP/MIN/441097/2023, File No. 8136 for the project "Sand/Moram Mining Project" located at Yamuna River Bed, Khand No. 5 Village- Naudiha Amilia, Tehsil- Bara & District- Prayagraj, U.P., (Leased Area- 8.0 Ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 12

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in 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.

2. 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.
 3. 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.
 4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
 5. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 6. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 7. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 8. 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.
 9. 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.
 10. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 11. 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.
 12. 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.
 13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 14. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.
- 13. Expansion of Existing Rolling Mill (Steel Rolled Bars with Structural Mill) from 1,26,200 MT/Annum to 3,91,200 MT/Annum through Reheating Furnace and direct hot charging of Steel Billets along with proposed manufacturing of Steel Billet with capacity of 4,22,400 MT/Annum through (2) two Induction Furnaces located at Magarwara, Unnao, Shri Krishan Kumar Somani, M/s RHL Profiles Limited., 8062/SIA/UP/IND1/439707/2023**

The Secretariat informed the committee that the matter was earlier discussed in 778th SEAC meeting dated 25/08/2023 and directed the project proponent to submit following information:

1. Compliance report of CTE/CTO for the existing project should be submitted in tabular form.
2. Existing green belt plantation detail and proposed plantation plan for green belt development in unit along with a map to be submitted with the number of existing trees and species as per the green belt guidelines of CPCB/UPPCB if.
3. Measures adopted by Industries for slag disposal presently and future Action Plan for slag disposal/utilization to be prepared and submitted on the basis of the latest technology.
4. Existing Air Pollution Control System with latest air quality monitoring analysis report along with proposed Air pollution control system with primary and secondary system to control fugitive emissions to be submitted.

5. Photographs of existing plant along with air pollution control system to be submitted.
6. Layout map plan of industry which includes location of existing unit i.e. boiler process house STP solid waste disposal and proposed expansion, location and other utilities etc. Details of existing plant area, green belt area and area of proposed expansion are available along with site latest photographs to be submitted.
7. Existing ETP details for wastewater treatment and proposed plan for ETP expansion to be submitted.
8. Fire NOC expired on 12/07/2022. Valid fire NOC should be provided.

The project proponent submitted their replies through online Parivesh Portal and the matter was listed in 815th SEAC meeting dated 13/12/2023. 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. The project proponent/consultant presents the following brief description of the project:

- First Consent to Operate (CTO) has been issued for increased capacity in continuation of prior consent granted from UPPCB vide Ref No 903/Sahmati (Vayu) Order/90/340(1), Lucknow on dated 30.11.1990. and Ref No. 2685/Consent/90/10384/Lucknow dated 02.04.1990
- At present the company is having a steel Wire Rod-cum-TMT Bar Mill of capacity 72000 MT/Annum and Structural Mill of capacity 54200 MT/Annum.
- Latest Consolidated Consent to Operate and Authorization (CCA) has been granted for the periods from 25.02.2023 to 31.07.2025 for the production capacity of Steel Rolled Bar 6000 MT/Month vide Ref No. 178250/ UPPCB/ Unnao (UPPCBRO) /CTO/ both/ UNNAO/ 2023 dated 28.02.2023.
- Now, The Company is planning to modernize and upgrade its existing rolling mills i.e. Structural Mill and Wire Rod-cum-TMT Bar Mill. After this the TMT Bar Rolling mill will increase to 2,37,600 MT per annum and Structural Mill 1,53,600 MT/annum
- Also, The Company is proposing to install its own melting shop of capacity 422400 MT/Annum by setting up 2 nos. 40T Induction furnace with one additional crucible and matching size CCM and Secondary Refining facilities.

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

1. The terms of reference is sought for Expansion of Existing Rolling Mill (Steel Rolled Bars with Structural Mill) from 1,26,200 MT/Annum to 3,91,200 MT/Annum through Reheating Furnace and direct hot charging of Steel Billets along with proposed manufacturing of Steel Billet with capacity of 4,22,400 MT/Annum through (2) two Induction Furnaces located at Magarwara, Unnao, M/s RHL Profiles Limited.
2. Salient features of the project:

Sr No	Particulars	Details		
1	Name of Project	Proposed expansion of existing Rolling Mill (Steel Rolled Bars with Structural Mill) from 1,26,200 MT/Annum to 3,91,200 MT/Annum through Reheating Furnace and direct hot charging of Steel Billets along with proposed manufacturing of Steel Billet with capacity of 4,22,400 MT/Annum through (2) two Induction Furnaces located at Magarwara, District – Unnao, Uttar Pradesh of RHL Profiles Limited		
2	Registered Office	Somani Bhawan, 51/27, Naya Ganj, Kanpur-208001		
3	Name of Applicant	Shri Krishan Kumar Somani		
4	Designation	Managing Director		
5	Email	info@rhlprofiles.com		
6	Mob No.	9839077442		
7	Nature and Size of Project	Project Configuration		
		Existing Capacity	Proposed Expansion	Total After Proposed

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		(MT/Annum)		(MT/Annum)		Expansion (MT/Annum)	
		TMT Bar & Wire Rod Mill	72000	TMT Plant	165600	237600	Product Capacity from Rolling (391200 MT/Annum)
		Structural Mill (Angle, Girder, Channel)	54200	Structural Mill	99400	153600	
		--	--	Steel Billet making Plant from (2) two Induction Furnace	422400	422400	Product Capacity from Induction Furnace (422400 MT/Annum)
6	Category of the Project	Cat. B, Item 3(a) Metallurgical industries (ferrous & non ferrous) as per EIA Notification 2006 MoEFCC Notification S.O.3067 (E) dated 01 December 2009 Hon'ble NGT Order dated 12th February, 2020 of in O.A. No. 55/2019 (WZ) in the matter of Gajubha Jesar Jadeja vs Union of India & Ors. And UPPCB letter ref no. H-68655/C-1/NGT-121/2021 dated 25.11.2021).					
7	Locations Details						
	Plot No./Khasra No./Survey No.	Magarwara, District – Unnao, Uttar Pradesh (Sale Deed enclosed as Annexure – 01)					
	Village	Magarwara					
	Tehsil	Sikandarpur Karan					
	District	Unnao					
	State	Uttar Pradesh					
	Pin code	209862					
	Coordinates of Proposed project	Pillar	Latitude		Longitude		
		A	26°31'11.80"N		80°25'49.34"E		
		B	26°31'10.71"N		80°25'52.42"E		
		C	26°31'7.82"N		80°25'50.87"E		
		D	26°31'6.45"N		80°25'52.56"E		
		E	26°31'6.27"N		80°25'54.47"E		
		F	26°31'2.05"N		80°25'52.14"E		
		G	26°30'57.50"N		80°25'56.66"E		
		H	26°30'56.25"N		80°25'54.03"E		
		I	26°30'59.51"N		80°25'49.35"E		
		J	26°30'59.19"N		80°25'47.41"E		
		K	26°31'1.42"N		80°25'45.00"E		
		L	26°31'2.40"N		80°25'45.06"E		
		M	26°31'3.32"N		80°25'45.93"E		
		N	26°31'5.30"N		80°25'43.07"E		
		O	26°31'6.43"N		80°25'44.09"E		
P		26°31'6.36"N		80°25'44.75"E			
Toposheet No	63B/6						
8	Area Details						
	Total Plot Area	Total Plot Area:- 10.033 Ha					
		Land Use	Area (m ²)		Percentage (%)		
		Green Area	33300		33.19		
		Built-up area (Plant Area, Office Area, Shed area etc)	31200		31.10		
		Open Area and Road area	20730		20.66		
Parking and Passage Area	15100		15.05				

		Total Area		100330	100.00
	Greenbelt / Plantation Area	33300.0 m ²			
		> 33.0 % of the project area will be covered under green belt and plantation.			
9	Cost Details				
	PARTICULARS				
	Total estimated Project Cost	Rs. 16457.53 Lacs (164.57 Crore)			
	CER	Rs 2.46 Crore (1.5% of total project cost as per the OM 2018 of MoEFCC)			
10	Basic Requirements for the project				
	Fresh Water Requirement	S. No	Particulars	Water Requirement (KLD)	
		1	Industrial Process (TMT Plant, Structural Mill, Melting Shop and CCM)	150.0	
		2	Domestic	20.0	
		3	Plantation	35.0	
			Total	205	
	Source of Water	Ground Water – Permission shall be taken from GWD.			
	Number of Bore wells	05			
	Wastewater Discharge	Unit is based on Zero Liquid Discharge			
	Power Requirement	Existing - 3000 KVA Additional 33000 KVA load for its Billet making plant additional 2500 KVA load for its Structural Mill (Total contracted load of the company for both Melting Shop & Rolling Mills will be 38500 KVA)			
	Source of Power	Madhyanchal Vidyut Vitran Nigam Limited (MVVNL)			
	D.G. Set Capacity with stack height	1× 125 KVA for power backup (20 m height)			
	Man Power Requirement	Manpower Requirement	Nos		
		Existing Manpower	108		
		Structural Mill (Proposed)	74		
		Melting Shop (Proposed)	178		
		Total	360		
	Working Days	330 days/Annum			
11	Raw material				
	Major Raw Material	MS Scrap, Sponge Iron, Ferro alloys for Induction Furnace and Billets for reheating furnace			
	Source of Raw Materials	Billet will be available from melting shop of capacity 4,22,400 at own unit from 2 nos. 40 T Induction furnace with one additional crucible and matching size continuous casting machines and Secondary Refining facilities.			
	Induction Furnace Capacity	2 ×40 T			
	Reheating Furnace capacity	01			
12	Air Pollution Control Devices	For Induction Furnace: Furnace Fume Extraction System For reheating Furnace: Cyclone separator and Wet Scrubber			
13	Stack Height	25 Meter			
14	Estimated Fuel Consumption	The consumption of Coal per MT for Rolling Mill Plant has been assumed at 75 Kg. per MT of TMT Bars produced from with the use of reheating furnace.			
		Fuel consumption			Quantity
		Annual Coal consumption in TMT plant (MT)			17820
		Annual Coal consumption in Structural Mill (MT)			11520
		Total (MT)			29340
15	Solid Waste				
	Estimated Generation of Mill Scale	Waste from	% Mill Scale Generation	Yearly Mill Scale Generation (MT)	
		Steel Billet making	0.5	2112	

		Plant (MT)		
		TMT Plant (MT)	1.5	3564
		Structural Mill (MT)	1.5	2304
		Total		7980
	Estimated generation of slag in steel billet making plant	21120 MT/Annum (Solid waste generated is in the form of slag-sand. Slag processing facilities shall also be installed to segregate Scrap from the Slag and produce powdered Slag which is very good for road making)		
16	List of Major Industries within 10 Km Radius	S. No.	Company Name	Related Industry
		1	JKEW Metallic Limited	Steel Forgings
		2	Mahavir Spinfab Pvt. Ltd.	Fabric cutting and dyeing
		3	Indo Prosoya Foods Pvt. Ltd.	Oil mill
		4	Anandeshwar Food Industries	Flour Mill
		5	M. I. Footwear Components Pvt. Ltd.	Shoe sole
		6	Khanna Polyrib Pvt. Ltd.	Plastic Sheets
		7	Laxmi Sales Corporation	Leather
		8	Mirza International Limited	Leather
		9	Mayfair Leather Exports Pvt. Ltd.	Leather
		10	Rahman Industries Ltd.	Leather
		11	AKI India Limited	Leather
		12	Manu Utensils Pvt. Ltd.	Utensils
		13	Olive Shoes Pvt. Ltd.	Shoes
		14	Rimjhim Stainless Limited	Steel
		15	The Mohan Gold Water Breweries Ltd.	Beer
		16	Sadaf Enterprises Pvt. Ltd.	Leather
		17	Agarwal Accurate Printech(P) Limited	Paper mill

3. Product details:

Existing Capacity (MT/Annum)		Proposed Expansion (MT/Annum)		Total After Proposed Expansion (MT/Annum)	
TMT Bar & Wire Rod Mill	72000	TMT Plant	165600	237600	Product Capacity from Rolling (391200 MT/Annum)
Structural Mill (Angle, Girder, Channel)	54200	Structural Mill	99400	153600	
--	--	Steel Billet making Plant from (2) two Induction Furnace	422400	422400	Product Capacity from Induction Furnace (422400 MT/Annum)

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

The consultant (EIA Coordinator) also submitted an affidavit dated 24/08/2023 mentioning is as follows:

1. I, Dr. Shibeshwar Prasad, S/o Dr. Bisheshwar Prasad am EIA Coordinator of M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P.
2. I have prepared the TOR application for the file no. 8062, proposal SIA/UP/IND1/439707/2023 of the client Shri Krishan Kumar Somani, Managing Director of RHL profiles Limited for the Expansion of Existing Rolling Mill (Steel Rolled Bars with Structural Mill) from 1,26,200 MT/Annum to 3,91,200 MT/Annum through Reheating Furnace and direct hot charging of Steel Billets along with proposed manufacturing of Steel Billet with capacity of 4,22,400 MT/Annum through (2) two Induction Furnaces located at Magarwara, Unnao, M/s RHL Profiles Limited with my team.

3. I have personally visited the site of proposal and certify that it is an existing unit have valid consolidated consent to operate and authorization (CCA) has been granted for the periods from 25/02/2023 to 31/07/2025 for the production capacity of steal rolled bar 6000 MT/month vide ref no. 178250/UPPCB/Unnao(UPPCBRO)/CTO/both/Unnao/2023 dated 28/02/2023 has already obtained from UPPCB for the existing unit for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with terms of reference (ToR) are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there 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 application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 13

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

Additional TOR:

1. Complete plan/proposal for slag utilization to be prepared and submitted.
2. Compliance of CTO issued by UPPCB for the existing project.
3. Proposal for Air pollution control system along with primary and secondary system to control fugitive emissions to be submitted.
4. Existing green belt detail and proposed plantation along with map to be submitted.
5. Photographs of existing plan along with air pollution control system to be provided
6. Compliance report of CPCB/SPCB direction/guidelines for this category of plants to be submitted.
7. Layout map indicating existing unit as well as proposed unit indicating storage area, plant area, utilities etc.
8. Monitoring site photographs along with person, date, time and place with geo coordinates should be submitted.
9. Proponent shall submit a notarized affidavit mentioning that the unit falls under NCR/ non-attainment cities area or not.
10. Expansion/modernization plan of existing unit.

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. Comparative details of existing plant and proposed expansion.
 - ii. Compliance report of CTO/CTE for existing unit.
 - iii. Cost of project and time of completion.
 - iv. Products with capacities for the proposed project.
 - v. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any
 - vi. List of raw materials required and their source along with mode of transportation.
 - vii. Other chemicals and materials required with quantities and storage capacities

- viii. Details of Emission, effluents, hazardous waste generation and their management.
- ix. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
- x. Process description along with major equipments and machineries, process flow sheet (quantitative) from raw material to products to be provided
- xi. Hazard identification and details of proposed safety systems.
- xii. Expansion/modernization proposals:
- xiii. 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.
- xiv. 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

14. “Building Stone, Granite or Khanda, Boulder , Ballast (Gitti), Mining Project” at Arazi No.: 60, Khand No.:04, Village: Jamala, Tehsil: Kulpahar, District: Mahoba, Shri Shrinivas Budhauilya, Area: 1.012 Ha., 8256/SIA/UP/MIN/444314/2023

The Secretariat informed the committee that the matter was earlier discussed in 797th SEAC meeting dated 12/10/2023 and recommended to grant the environmental clearance for the project proposal along with general and specific conditions. Subsequently, the matter was listed in 773rd SEIAA meeting dated 04/11/2023 wherein:

“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file and documents and found that document related to DSR is not present in the file nor any thing is mentioned in MoM. Hence SEIAA opined to refer back the project to SEAC to review the case in light of various NGT orders.”

As per the above decision of SEIAA, the matter was listed in 815th SEAC meeting dated 13/12/2023. The committee discussed the matter and directed the project proponent to submit copy of DSR approved by competent authority.

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

(Prof. Jaswant Singh)
Member

(Dr. Amrit Lal Halidar)
Member

(Dr. Dineshwar Prasad Singh)
Member

(Tanzar Ullah Khan)
Member

(Dr. Shiv Om Singh)
Member

(Dr. Harikesh Bahadur Singh)
Chairman

(Ashish Tiwari)
Member-Secretary

Nodal, SEAC-2

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

General and Specific Conditions for Sand/Morum Mining Proposals

General Conditions:

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

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

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

Specific Conditions:

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

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

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

Annexure-3

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

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

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

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

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

Annexure-4

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

General condition:

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

Specific Conditions:

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

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