

Minutes of 744th SEAC-2 Meeting Dated 28/04/2023

The 744th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 28/04/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 744th SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

1. **“Silica Sand Mining Project” at Araj No’s.- at Araj No’s.-790, 791, 793, 825, 826, 827, 828, 831, 832, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 848, 849, 850, 851, 852, 853, 855, 857, 858 Mi, 859, 861, 862, 863, 868, 869, 822, 823, 824, Part of 787, Part of 788, Part of 789, Part of 794mi, Part of 795 mi, Part of 829, Part of 830, Part of 833, Part of 834, Part of 864, Part of 865, Part of 866, Part of 867, Part of 785, 792 mi, 796 mi, 847 mi, Part of 797 mi, Part of 799 mi, Part of 870 mi, Part of 800 mi, Part of 767 mi, Part of 798 mi, 835, 854, 856, 860, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, Part of 811, Part of 871, Part of 880, Part of 881, Part of 882 ,Part of 883, Part of 810, Village – Chhatehara Ghurehatha (Block - 2), Tehsil- Bara, District- Prayagraj, Shri Santhosh Mendon, M/s Hari Mandir Mineral Traders, Area-38.151 Ha., File No. 7718/Proposal No. SIA/UP/MIN/422604/2023**

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

1. The terms of reference is sought for Silica Sand Mining project named M/s Hari Mandir Mineral Traders at Gata No’- 790, 791, 793, 825, 826, 827, 828, 831, 832, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 848, 849, 850, 851, 852, 853, 855, 857, 858Mi, 859, 861, 862, 863, 868, 869, 822, 823, 824, Part of 787, Part of 788, Part of 789, Part of 794Mi, Part of 795Mi, Part of 829, Part of 830, Part of 833, Part of 834, Part of 864, Part of 865, Part of 866, Part of 867, Part of 785, 792Mi, 796Mi, 847 Mi, Part of 797Mi, Part of 799Mi, Part of 870Mi, Part of 800Mi, Part of 767, Part of 798Mi, 835, 854, 856, 860, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, Part of 811, Part of 871, Part of 880, Part of 881, Part of 882, Part of 883, Part of 810 in Village- Chhatehara Ghurehatha (Block -2), Tehsil- Bara, District- Prayagraj, Uttar Pradesh Area of 38.151 Ha.
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/422604/2023
File No. allotted by SEIAA, UP	7718
Name of Proponent	Shri. Santhosh Mendon
Full correspondence address of proponent and mobile no.	Partner-Shri. Santhosh Mendon, R/o- T1-1d, Rudra Enclave, Dhanua, Naini, Prayagraj, U.P

Minutes of 744th SEAC-2 Meeting Dated 28/04/2023

Name of Project	Silica Sand Mining project named M/s Hari Mandir Mineral Traders		
Project location (Plot/Khasra/Gata No. / Araj No'/ Khand No.)	Gata No'-790, 791, 793, 825, 826, 827, 828, 831, 832, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 848, 849, 850, 851, 852, 853, 855, 857, 858Mi, 859, 861, 862, 863, 868, 869, 822, 823, 824, Part of 787, Part of 788, Part of 789, Part of 794Mi, Part of 795Mi, Part of 829 , Part of 830, Part of 833, Part of 834, Part of 864, Part of 865, Part of 866, Part of 867, Part of 785, 792Mi, 796Mi, 847 Mi, Part of 797Mi, Part of 799Mi, Part of 870Mi, Part of 800Mi, Part of 767, Part of 798Mi, 835, 854, 856, 860, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, Part of 811, Part of 871, Part of 880, Part of 881, Part of 882, Part of 883, Part of 810		
Name of Village	Chhatehara Ghurehatha		
Tehsil	Bara		
District	Prayagraj (U.P.)		
Name of Minor Mineral	Silica Sand		
Sanctioned Lease Area (in Ha.)	38.151 Ha		
Max. & Min mrl within lease area	Maximum & Minimum mRL is 113.5 mRL & 95.0 mRL respectively.		
Pillar Coordinates (Verified by DMO)	PILLER NO.	LATITUDE	LONGITUDE
	A	25°18'27.767"N	81°40'1.950"E
	B	25°18'25.694"N	81°40'8.502"E
	C	25°18'16.136"N	81°40'14.765"E
	D	25°17'54.416"N	81°40'5.325"E
	E	25°17'58.746"N	81°39'51.247"E
Total Geological Reserves	1,25,86,983 m ³		
Total Mineable Reserve in LOI	1,22,403 m ³ per year		
Proposed Production/year	1,22,403 m ³ per year		
Sanctioned Period of Mine lease	30 Years		
Method of Mining	Open cast Manual/ Semi Mechanized Mining		
No. of working days	300		
Working hours/day	8 hours/day		
No. of workers	Approximately 35 workers		
No. of vehicles movement/day	45 Vehicles movement/day		
Type of Land	Private & Government Land		
Ultimate Depth of Mining	24.00 m		
Nearest metalled road from site	1.1 km		
Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.35 KLD	
	Suppression of dust	3.0 KLD	
	Plantation	1.26 KLD	
	Others (if any)	-	
	Total	.61 KLD (Approx. 4.60 KLD)	
Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult Certificate No- NABET/EIA/2023/SA 0174/Rev. 01 Period of Validity- 29-4-2023		
Any litigation pending against the project or land in any court	No		
Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 3179/Khanij/2022-23, Dated 28/02 /2023		
Details of Lease Area in approved DSR	Letter No'-06 /M 228/2017 Khanan Niti -D.S.R dated 1.4.2021		
Proposed EMP cost	Rs. 19.66 Lakhs		
Proposed Total Project cost	Rs. 3.86 Crore		
Length and breadth of Haul Road	500 m length and 6.0 m width		

No. of Trees to be Planted	630 Trees
Monitoring Period	March 2023 to May 2023 (Summer Season)

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

The consultant (EIA Coordinator) also submitted an affidavit dated 08/02/2023 mentioning is as follows:

1. I, Umesh Pratap Singh Chauhan, S/o Lalit Mohan Sharma is EIA Coordinator of M/s Ind Tech House Consult.
2. I have prepared TOR report for the proposal (SIA/UP/MIN/422604/2023) project name: Silica Sand Mining project named M/s Hari Mandir Mineral Traders at Gata No'- 790, 791, 793, 825, 826, 827, 828, 831, 832, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 848, 849, 850, 851, 852, 853, 855, 857, 858Mi, 859, 861, 862, 863, 868, 869, 822, 823, 824, Part of 787, Part of 788, Part of 789, Part of 794Mi, Part of 795Mi, Part of 829, Part of 830, Part of 833, Part of 834, Part of 864, Part of 865, Part of 866, Part of 867, Part of 785, 792Mi, 796Mi, 847 Mi, Part of 797Mi, Part of 799Mi, Part of 870Mi, Part of 800Mi, Part of 767, Part of 798Mi, 835, 854, 856, 860, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, Part of 811, Part of 871, Part of 880, Part of 881, Part of 882, Part of 883, Part of 810 in Village- Chhatehara Ghurehatha (Block -2), Tehsil- Bara, District- Prayagraj, Uttar Pradesh Area of 38.151 Ha. with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for TOR project are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The TOR report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 01

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

Additional TOR:

1. PP should prepare a concrete plan regarding environmental/social workers in the villages within the 05 km radius of the project site.
2. Project proponent should present latest drone videography of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
3. Original Cluster Certificate should be submitted at the time of EIA presentation.

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

2. Riverbed Ordinary Sand mining from Riverbed of Ganga River located at Gata No.- 2/4, Village- Nadini, Tehsil- Sadar, District- Mirzapur, ShriSujit Kumar Singh, Area- 5.0 Ha., File No. 7722/Proposal No. SIA/UP/MIN/422644/2023

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

1. The terms of reference is sought for Ordinary Sand Mining from Riverbed of Ganga River from Araj/Gata no.- 2/4, Village – Nadini, Tehsil- Sadar, District- Mirzapur, Uttar Pradesh, (Leased Area- 5.0 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/422644/2023
2.	File No. allotted by SEIAA, UP	7722
3.	Name of Proponent	Shri Sujit Kumar Singh
4.	Full correspondence address of proponent	R/o- Hinauta, District- Mirzapur, Uttar Pradesh

	and E-mail Id	E-mail Id- sujitkumarsingh5418@gmail.com																
5.	Name of Project	“Ordinary Sand mine” from Riverbed of Ganga River located at Gata No. 2/4, Area- 5.0 Ha, Village – Nadini, Tehsil- Sadar, District- Mirzapur, Uttar Pradesh developed by Sujit Kumar Singh																
6.	Project Location (Plot.Khasra/Gata No.)	Araji/Gata no.- 2/4, Village - Nadini, Tehsil- Sadar, District- Mirzapur, Uttar Pradesh																
7.	Name of River	Ganga River																
8.	Name of Village	Nadini																
9.	Tehsil	Sadar																
10.	District	Mirzapur																
11.	Name of Minor Mineral	Ordinary Sand																
12.	Sanctioned Lease Area (in Ha.)	5.0 ha.																
13.	Max. & Min mRL within lease area	Highest mRL is 70.0 & Lowest is 68.0 mRL																
14.	Pillar Coordinates (Verified by DMO)	Coordinates of the sanctioned lease area- <table><tr><td>Pillars</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25° 15'8.02"N</td><td>82° 23'20.60"E</td></tr><tr><td>B</td><td>25° 15'8.74"N</td><td>82° 23'27.76"E</td></tr><tr><td>C</td><td>25° 15'0.56"N</td><td>82° 23'27.43"E</td></tr><tr><td>D</td><td>25° 14'59.72"N</td><td>82° 23'20.09"E</td></tr></table>		Pillars	Latitude	Longitude	A	25° 15'8.02"N	82° 23'20.60"E	B	25° 15'8.74"N	82° 23'27.76"E	C	25° 15'0.56"N	82° 23'27.43"E	D	25° 14'59.72"N	82° 23'20.09"E
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D	25° 14'59.72"N	82° 23'20.09"E																
15.	Total Geological Reserves	1,26,891 m ³																
16.	Total Mineable Reserve (as per Approved Mine Plan)	1,00,000 m ³																
17.	Total Proposed Production	1,00,000 m ³ /Year																
18.	Proposed Production	1,00,000 m ³ /year																
19.	Sanctioned Period of Mine lease	5 years																
20.	Method of Mining	Opencast, Semi-Mechanized																
21.	Working hours/day	8																
22.	No. of worker	52																
23.	Type of Land	Govt. land/Riverbed																
24.	Ultimate of Depth of Mining	Upto 2.5 m																
25.	Nearest metalled road from site	200 m																
26.	Water Requirement	<table><tr><td>PURPOSE</td><td>REQUIREMENT (KLD)</td></tr><tr><td>Drinking</td><td>0.52 KLD</td></tr><tr><td>Suppression of dust</td><td>0.80 KLD</td></tr><tr><td>Plantation</td><td>0.30 KLD</td></tr><tr><td>Others (if any)</td><td>-</td></tr><tr><td>Total</td><td>1.62 KLD</td></tr></table>		PURPOSE	REQUIREMENT (KLD)	Drinking	0.52 KLD	Suppression of dust	0.80 KLD	Plantation	0.30 KLD	Others (if any)	-	Total	1.62 KLD			
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Plantation	0.30 KLD																	
Others (if any)	-																	
Total	1.62 KLD																	
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025																
28.	Any litigation pending against the project or land in any court	No																
29.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 1538/khanij/2022-23 Dated on 05.09.2022																
30.	Details of Lease Area in approved DSR	In approved DSR at page no. 20, sl no. 13																
31.	Baseline data collection period	March to May 2023 (Intimation letter submitted)																
32.	Proposed CER cost	Rs. 4.74 lakhs/year																
33.	Proposed EMP cost	Rs. 7.0 lakhs as Capital Cost and Rs. 5.0 lakhs as Recurring Cost																
34.	Distance of Haul Road	200 m																
35.	No. of Trees to be Planted	300																

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

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 20/03/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared TOR report for the proposal Ordinary Sand Mining from Riverbed of Ganga River from Araj/Gata no.- 2/4, Village – Nadini, Tehsil- Sadar, District- Mirzapur, Uttar Pradesh, (Leased Area- 5.0 ha.) with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required submitted along with Application/EIA 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 TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

RESOLUTION AGAINST AGENDA NO. 02

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

Additional TOR:

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

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

3. “Building Stone Gitti/Boulder (Sand Stone) Mining Project”, at Arazi No. – 310/4, (Khand-2), Village– Sukrit, Tehsil- Robertsganj, District– Sonbhadra, Shri Siddharth Singh, Area-2.8328 Ha., File No. 7727/Proposal No. SIA/UP/MIN/423086/2023

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 Earthvision India Associate Consultant. 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 Gitti/Boulder (Sand Stone) Mining Project”, at Arazi No. – 310/4, (Khand-2), Village– Sukrit, Tehsil- Robertsganj, District– Sonbhadra, U.P. (Leased Area- 2.8328 Ha.).

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

1.	On-line proposal No.	SIA/UP/MIN/423086/2023			
2.	File No.allotted by SEIAA,UP	7727			
3.	Name of Proponent	Shri Siddharth Singh S/o Shri Ashok Singh			
4.	Registered Address	R/o- Vill. & Post Mussafarganj, Thana Kotwali- Katra, Tehsil-Sadar, District- Mirzapur, (U.P)			
5.	Full correspondence address of proponent and mobile no.	R/o- Vill. & Post Mussafarganj, Thana Kotwali- Katra, Tehsil-Sadar, District- Mirzapur, (U.P)			
		Mobile No.-			
		E-mail ID-			
6.	Name of Project	Building Stone Gitti/Boulder (Sand Stone) mining			
7.	Project Location (Plot.Khasra/Gata No.)	Araji No.– 310/4, (Khand-2)			
8.	Name of Village	Sukrit			
9.	Tehsil	Robertsganj			
10.	District	Sonebhadra			
11.	State	Uttar Pradesh			
12.	Name of Minor Mineral	Building Stone Gitti/Boulder (Sand Stone)			
13.	Sanctioned Lease Area (in Ha.)	2.8328 Hectares			
14.	Max. & Min mRL within lease area	Highest is 264.0mRL towards South & Lowest is 260.0mRL towards East direction.			
15.	Pillar Coordinates (Verified by DMO)	Pillar No.	N	E	
		A	24°55'8.22"N	83° 3'10.60"E	

			B	24°55'6.25"N	83° 3'12.69"E
			C	24°55'2.25"N	83° 3'12.14"E
			D	24°55'5.06"N	83° 3'9.60"E
			E	24°55'7.95"N	83° 3'6.51"E
16.	Mine Plan approval details	Letter No.- 2023/2/4/188139 Dated- 17/03/2023			
17.	Validity of Mine Plan	5 Years			
18.	Total geological reserves	2060850 M ³			
19.	Total mineable reserves	819183 M ³			
20.	Total Proposed Production (In 5 Years)	425100 M ³			
21.	Total Proposed Production/Year	85020 M ³ /Year			
22.	Sanctioned Period of Mine lease	10 years			
23.	Method of Mining	Opencast, Semi mechanized Method			
24.	No. of working days	270 days			
25.	Working hours/day	8 hours/day			
26.	No. of workers	61 Workers			
27.	Type of Land	Rocky, Barren Land			
28.	Ultimate Depth of Mining	18.0 m			
29.	Water Requirement		Purpose	Detail	Avg. Demand/Day
		Portable Tanker	Drinking@15 lpcd/worker	61 workers x 15 lpcd = 0.915 lpcd	0.915 KLD
			Mine operation/others	-	2.0 KLD
			Land reclamation / plantation @1 Lit/Tree	2800Trees x 1 lpcd = 2.80 lpcd	2.80KLD
			Dust suppression @2Lit/Sq.m (Twice in a day)	Haul Road Area = (100 m Length x 6m Width = 600 m2) x2lpcd/Sq.m = 1200 lpcd	1.20 KLD
		Total			6.915 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultant, NABET/EIA/2124/IA 0077 Valid till 24-02-2024			
31.	Any litigation pending against the project or land in any court	No			
32.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No. 3425/Khanij/2023, Dated 05-01-2023			
33.	Proposed CER cost	Rs. 2.1993 Lakhs			
34.	Proposed EMP cost	Rs. 10.95 Lakhs			
35.	No. of Trees to be Planted.	2800			
36.	Detail of CTE/CTO issued by UPPCB	NA			

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 27/04/2023 mentioning is as follows:

1. I, Brij Mohan Singh Negi, S/o Sri K.S. Negi is EIA Coordinator of M/s Earthvision India Associate Consultants, Lucknow.
2. I have prepared TOR report for the proposal in name of Shri Siddharth Singh S/o Shri Ashok Singh with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for TOR project are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The TOR Application for the proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 03

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

Additional TOR:

1. Original Cluster Certificate should be submitted at the time of EIA presentation.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
3. EIA coordinator & FAE should give a 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 SPCB and SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.

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

4. Sand/Morrum mine in river bed at Gata No.- 11/15 to 11/16, Village- Diya, Tehsil- Manjhanpur & District- Kaushambi, M/s Manali Vintrade Pvt. Ltd., Shri Shafique Mohd., Area: 24.28 ha., File No. 7729/7223/Proposal No. SIA/UP/MIN/423236/2023

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 Sand/Morrum mine from the riverbed of Yamuna River at Gata No. 11/15 to 11/16, , Village- Diya, Tehsil- Manjhanpur & District- Kaushambi, Uttar Pradesh by M/s Manali Vintrade Pvt. Ltd., (Area-24.28 Ha.)
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. .- 300/Parya/SEIAA/7223/2022, dated 05/12/2022
3. The Public Hearing was organized on 17/03/2022. Final EIA Report was submitted by the Project Proponent on 24/03/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/423236/2023
2.	File No. allotted by SEIAA, UP	7729
3.	Name of Proponent	M/s Manali Vintrade Pvt. Ltd. (Shri Shafique Mohd.)
4.	Full correspondence address of proponent and mobile no.	M/s Manali Vintrade Pvt. Ltd. (Shri Shafique Mohd.) R/o 259, Pur, Kanpur Dehat Uttar Pradesh E-mail Id- manalivintrade5418@gmail.com
5.	Name of Project	Riverbed Sand/morrum Mining Village- Diya, Tehsil- Manjhanpur & District- Kaushambi, Uttar Pradesh
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. – 11/15 to 11/16, Village- Diya, Tehsil- Manjhanpur & District- Kaushambi, Uttar Pradesh
7.	Name of River	Yamuna River
8.	Name of Village	Diya
9.	Tehsil	Manjhanpur
10.	District	Kaushambi

11.	Name of Minor Mineral	River sand		
12.	Sanctioned Lease Area (in Ha.)	24.28 ha.		
13.	Max. & Min mRL within lease area	Highest mRL is 92 & Lowest is 75 mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
		A	25° 16.468'N	81° 27.432'E
		B	25° 16.460'N	81° 27.527'E
		C	25° 15.489'N	81° 27.141'E
		D	25° 15.503'N	81° 27.057'E
		Workable Area		
		Pillar No.	Latitude	Longitude
		A	25° 16.468'N	81° 27.432'E
		B	25° 16.460'N	81° 27.527'E
		F	25° 15.524'N	81° 27.154'E
		E	25° 15.542'N	81° 27.073'E
		Non-Workable Area		
		Pillar	Latitude	Longitude
		C	25° 15.489'N	81° 27.141'E
		D	25° 15.503'N	81° 27.057'E
		E	25° 15.542'N	81° 27.073'E
F	25° 15.524'N	81° 27.154'E		
15.	Total Geological Reserves	3,06,800 m ³		
16.	Total Mineable Reserve (as per Approved Mine Plan)	1,80,000 m ³		
17.	Total Proposed Production (In 6 months)	1,80,000 m ³		
18.	Proposed Production (In 6 months)	1,80,000 m ³		
19.	Sanctioned Period of Mine lease	06 months		
20.	Method of Mining	Opencast, Semi-Mechanized		
21.	Working hours/day	8		
22.	No. of worker	51		
23.	No. of vehicles movement/day	100		
24.	Type of Land	Govt. Revenue land		
25.	Ultimate of Depth of Mining	0.85 m		
26.	Nearest metalled road from site	560 m		
27.	Water Requirement	PURPOSE		QUANTITY
		Drinking		0.51 KLD
		Suppression of dust		2.24 KLD @ 1.0 KL for 250m
		Plantation		0.30 KLD
		Others (if any)		-
		Total		3.05 KLD
28.	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		
29.	Any litigation pending against the project or land in any court	No		
30.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 443/khanan sahayak kau. dated- 20.07 .2022		
31.	Details of Lease Area in approved DSR	24.28 ha		
32.	Proposed CER cost	Rs. 4.0 Lakhs		
33.	Proposed EMP cost	EMP cost- Rs. 7.5 Lakhs		
34.	Length and breadth of Haul Road	560 m		
35.	No. of Trees to be Planted	300		

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 24/03/2023 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 EIA report for the Sand/Morrum mine from the riverbed of Yamuna River at Gata No. 11/15 to 11/16, , Village- Diya, Tehsil- Manjhanpur & District- Kaushambi, Uttar Pradesh by M/s Manali Vintrade Pvt. Ltd., (Area-24.28 Ha.) with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required submitted along with Application/EIA 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. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

The project proponent also submitted letter dated 12/01/2023 issued by Director, Directorate of Geology and Mining, U.P. wherein:

“... ”

SEIAA द्वारा नदी तल में स्थित बालू/मौरम की दीर्घकालीन अवधि के खनन पट्टों के लिए पर्यावरण स्वच्छता प्रमाण पत्र प्राप्त करने से पूर्व कतिपय प्रकरणों में replenishment study की अपेक्षा की जा रही है। उल्लेखनीय है कि नये क्षेत्रों को परिहार पर स्वीकृत किये जाने से पूर्व, क्षेत्र में उपलब्ध खनिज की मात्रा का आंकलन जनपद स्तर पर गठित समिति द्वारा किया जाता है। समिति के आंकलन के आधार पर प्रथम वर्ष का निर्धारण कर विज्ञप्ति जारी की जाती है। सफल बोलीदाता के पक्ष में खनन परिहार स्वीकृत किये जाने पर, क्षेत्र में प्रथम वर्ष खनन कार्य समाप्ति होने के उपरान्त, मानसून सत्र में क्षेत्र में बालू/मौरम के पुर्नभराव का आंकलन किया जाना आवश्यक होता है। ऐसी स्थिति में SEIAA द्वारा पर्यावरण स्वच्छता प्रमाण पत्र निर्गत किये जाने से पूर्व replenishment study की आवश्यकता प्रतीत नहीं होती है।”

RESOLUTION AGAINST AGENDA NO. 04

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

1. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders. Based on replenishment study letter of intent (LoI) must be revised (if required) by Directorate of Geology and Mining.

2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
4. The project proponent shall install solar light in their site office.
5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted and report of green belt development to be submitted to the concerning department
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

5. Ordinary Soil Mining Project at Gata No.-687, Village-Imadpur Thamrai, Tehsil-Kayamganj, District- Farrukhabad, Shri Kanhaiya Lal, Area 1.263 Ha., File No. 7730/Proposal No. SIA/UP/MIN/423366/2023

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 P & M Solution Noida UP,. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Ordinary Soil Mining Project at Gata No. 687, Village-Imadpur Thamrai, Tehsil- Kayamganj, District- Farrukhabad, U.P., (Leased Area 1.263 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	Online Proposal	SIA/UP/MIN/423366/2023
2.	File No. (SEAC/SEIAA)	7730
3.	Project	Ordinary Soil Mining
4.	Proponent	Shri Kanhaiyalal S/O Shri Tulsiram
5.	Corresponding Address	R/O: Village Sultanpur Khareta, Tehsil Kayamganj, District Farrukhabad, UP
6.	Project location	Gata No. 687
7.	Village	Village Imadpur Thamrai
8.	Tehsil	Kayamganj
9.	District	Farrukhabad
10.	State	Uttar Pradesh
11.	Area	1.263 Ha
12.	Workable Area	1.1124 Ha
13.	Type of Mineral	Ordinary Soil
14.	Category	B2 (opencast Soil Mining)

15.	Method of Mining	Semi-mechanized	
16.	Geo-Coordinates of project site	Gata No. 687	
		A	27° 32'16.99"N 79°24'36.35"E
		B	27° 32'17.82"N 79°24'36.63"E
		C	27° 32'18.61"N 79°24'35.87"E
		D	27° 32'17.76"N 79°24'34.77"E
17.	Geological Reserve	63,150 cubic meter	
18.	Proposed Production	25,585.2 or (approx..) 25,580 cubic meter / 30,696 MT	
19.	Time Period	03 months	
20.	Production per day	284.22 cubic meter / day	
21.	Ultimate Depth of Mining	2.3 meter	
22.	Letter of Intent	No. 2303/ ख0 लि0-अजीअ/(सा0 मिटटी) सहमति पत्र/2023 dated 16/02/2023	
23.	Cluster letter	67/खान निरीक्षक (क्लस्टर प्रमाण पत्र) dated 2 nd March 2023	
24.	Total Man Power required	10	
25.	Total water requirement	Purpose	Water required
		Drinking	0.5 KLD
		Dust Suppression	3.0 KLD
		Irrigation	1.0 KLD
		Total	4.50 KLD
26.	Environmental Consultant	M/s P & M Solution Noida UP, QCI Accredited Organization, Certificate No. NABET/EIA/1922/IA0053 Valid till 6 th June 2023	
27.	Total Plants to be planted	100 Nos. of various species	
28.	Project Cost	500,000/ INR	
29.	EMP Cost	100,000/INR (@ 20% of project cost)	
30.	CER	20,000/ INR (@ 4% of project cost)	

- 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 26/04/2023 mentioning is as follows:

- I, Dr. a Kumar Srivastava S/o Lt. Lalit Kishore Srivastava is EIA Coordinator of M/s P & M Solution.
- I have prepared the EMP and other essential formats based on the information provided in the approved mining plan for the proposal in Name of Shri Kanahiya Lal, S/o Shri Tulsi Ram 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 EC presentations are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
- The EC report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

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

6. **Ordinary Sand Mining Project on Yamuna River Bed Location of the Project- Gata No.- 784 Mi, Village-Kishunpur, Tehsil- Bhognipur, District- Kanpur Dehat, Shri Santosh Kumar Sachan., File No. 7733/Proposal No. SIA/UP/MIN/423436/2023**

RESOLUTION AGAINST AGENDA NO-06

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

7. **200 KLPD Grain based distillery along with 5.0 MW Cogeneration Power Plant will be established by M/s. Shri Gurukripa GNG private limited at Gata No.-256, 257, 258, 259, 260, 261,262,267,268,269,270,271,272,273,228, Village-Ghanshyampur ,Post- Azizpur, Block-Nigohi ,Tehsil- Tilhar , Shahjahanpur., File No. 7736/Proposal No. SIA/UP/IND2/423244/2023**

RESOLUTION AGAINST AGENDA NO-07

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

8. **Establishment of Grain Based Distillery Of Capacity - 200 Kld Along With 4.5 Mw Co Gen Power Plant at Khasra No. 446, 441/1, 364, 365, 369/2, 369/3, 354/1, 355, 356, 357, 358, 361/1 Min, 361, 362, 363, 431, 362, 364, 365, 364 Min, 443 Mi, 431 Min, 433 Min, 401 Min, 369/2, 369/3, 445 Min, 362/1 Min, 366 Min, 367 Min, 368 Min, 429/Min, 433. Village: Dilra Raipur, Tehsil & Moradabad, M/s Maa Sheetla Ventures Limited., File No. 7737/Proposal No. SIA/UP/IND2/423618/2023**

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

1. The terms of reference is sought for Establishment of Grain Based Distillery Of Capacity - 200 Kld Along With 4.5 Mw Co Gen Power Plant at Khasra No. 446, 441/1, 364, 365, 369/2, 369/3, 354/1, 355, 356, 357, 358, 361/1 Min, 361, 362, 363, 431, 362, 364, 365, 364 Min, 443 Mi, 431 Min, 433 Min, 401 Min, 369/2, 369/3, 445 Min, 362/1 Min, 366 Min, 367 Min, 368 Min, 429/Min, 433. Village: Dilra Raipur, Tehsil & Moradabad, U.P., M/s Maa Sheetla Ventures Limited.
2. Salient features of the project:

Sr. No.	Attributes	Proposed Establishment of Grain Based Distillery
1	Proposed capacity of Plant	Proposed Establishment of Grain Based Distillery Of Capacity - 200 KLD Along With 4.5 Mw Co Gen Power Plant.

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2	Project location	Khasra No. 446, 441/1, 364, 365, 369/2, 369/3, 354/1, 355, 356, 357, 358, 361/1 MIN, 361, 362, 363, 431, 362, 364, 365, 364 MIN, 443 MI, 431 MIN, 433 MIN, 401 MIN, 369/2, 369/3, 445 MIN, 362/1 MIN, 366 MIN, 367 MIN, 368 MIN, 429/MIN, 433 Village: Dilra Raipur, Tehsil & Distt – Moradabad, U.P.	
3	Total project cost	Rs 20000.0 Lacs	
4	Total project area	7.08 Ha (17.49 Acre)	
5	Category of Project	Category : B1 and Schedule : 5 (g)	
6	Process Involve	Grain Storage, Grain cleaning, milling and flour handling, slurry preparation & liquefaction, fermentation, multi pressure distillation, Alcohol daily receivers and bulk storage, MEE and dryer.	
7	No of Working Days	Season (Approx : 365 Days)	
8	Product and its Quantity	200 KLD (RS/ENA/Ethanol)	
9	CO2 (By Product)	142 TPD	
10	DDGS (By Product)	85 TPD at 10-12 % W/W Moisture	
11	Fuel and its quantity	Biomass & Rice Husk :230 TPD	
12	Steam requirement	37 TPH (Proposed 40 TPH New Boiler)	
Sr. No.	Particulars	Requirement	Source
13	Requirements		
	Fresh Water Requirement	Distillery : 800 KLD (@ 4 KL/KL of Product) Co gen Power : 218 KLD (@2.01 KL/MW/Hr) Domestic : 20.0 KLD Total water requirement : 1038 KLD	Necessary permission will be obtained from Ground Water Department.
	Power Requirement	2857 KWH	Sourced from the 4.5 MW Co-Generation Power Plant. Surplus power will be exported to State Grid.
	Man Power Requirement	130 Nos (Skilled : 37 nos, Semi Skilled : 53 Nos and Unskilled : 40 Nos)	
14	Number of boiler proposed	One (01) numbers Proposed boiler of capacity 40 TPH	
15	Air Pollution Control Device	ESP (Electrostatic Precipitator)	
16	Number of Stack	Proposed 1 No stack of height – 72 meters	
17	Waste Water Generation	Industrial Waste Water : Proposed distillery will be based on “ZERO LIQUID DISCHARGE”. Domestic Waste Water : Approx. : 12 KLD waste water will be disposed through septic tank and soak pit.	
18	Waste Water treatment	Effluent will be treated through Anaerobic followed by activated sludge process. ETP will comprise of Bar Screen, Oil & Grease trap, Chemical mixing, Equalization, primary Clarifier, Aeration, Secondary clarifier, MGE, ACF and Sludge Drying beds. 100 % recycling will be done after treatment in CPU.	
19	Waste Water Discharge	Unit will be based Zero Liquid Discharge unit .	
20	Solid Waste Generation	Name of Solid waste	Quantity (TPD)
		Boiler ash	6.9 TPD
		DDGS	85 TPD
21	Green Belt Development	Approx. 33 % of total green belt will be developed and maintained.	
22	Total Cost for the proposed project	Proposed Cost - Rs 20000.0 Lakh .	
23	Cost for Environmental Protection Measures	Capital Cost: Rs 4500.0 Lakh Recurring Cost: Rs 300 Lakh /Annum	
24	CER expenses	Rs 200 Lakhs proposed against the CER.	

3. Raw material details:

Particular	Proposed	Storage	Source of raw material & Mode of
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			Transportation
Damaged Grain & Coarse Grain like Broken Rice, Jowar, Bajra, Maize, etc which is not fit for human consumption	506 TPD (Broken Rice)	3000 MT Silo (02 Nos)	Local supplier via road
OTHER CHEMICALS			
Sulphuric Acid	49.5 kg/Day	3 MT	Nearby Market by Truck. 30 Days storage will be provided after the proposed establishment.
Urea	120 kg/ Day	1 MT	
Ammonium Phosphate	120 kg/Day	1 MT	
Anti Foam	49.5 kg/ day	3 MT	
Alpha Amylase	120 kg/Day	1 MT	
AMG300 L	120 kg/ Day	1 MT	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 25/04/2023 mentioning is as follows:

1. I, Anubhav Singh, S/o Shri Bhupendra Pratap Singh is EIA Coordinator of M/s Environmental and Technical Research Centre.
2. I have prepared the Form-1, Pre-Feasibility report of the Establishment of Grain Based Distillery Of Capacity - 200 Kld Along With 4.5 Mw Co Gen Power Plant at Khasra No. 446, 441/1, 364, 365, 369/2, 369/3, 354/1, 355, 356, 357, 358, 361/1 Min, 361, 362, 363, 431, 362, 364, 365, 364 Min, 443 Mi, 431 Min, 433 Min, 401 Min, 369/2, 369/3, 445 Min, 362/1 Min, 366 Min, 367 Min, 368 Min, 429/Min, 433. Village: Dilra Raipur, Tehsil & Moradabad, U.P., M/s Maa Sheetla Ventures Limited with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with Form-1 & Pre-feasibility report are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The Form-1, PFR and EMP (TOR Application) report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO-08

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

Additional Conditions:

1. PP shall submit Land use conversion for industrial use documents to be provided at the time of EIA presentation.
2. Proponent/consultant shall present TOR specific/additional conditions compliance and objections/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound action plan at the time of EIA presentation.
3. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
4. PP to submit plantation plan with area specific plant species, number of plants to be planted and place of plantation along with green belt layout plan/map as per miyawaki plantation method and present it at the time of EIA presentation.

Standard terms of reference:

- I. Executive Summary.
- II. Introduction:
 - i. Details of the EIA Consultant including NABET accreditation
 - ii. Information about the project proponent
 - iii. Importance and benefits of the project.
- III. Project Description:
 - i. Cost of project and time of completion.
 - ii. Products with capacities for the proposed project.
 - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
 - iv. List of raw materials required and their source along with mode of transportation.
 - v. Other chemicals and materials required with quantities and storage capacities
 - vi. Details of Emission, effluents, hazardous waste generation and their management.
 - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, manpower requirement (regular and contract)
 - viii. Process description along with major equipment and machineries, process flow sheet (quantative) from raw material to products to be provided
 - ix. Hazard identification and details of proposed safety systems.
 - x. Expansion/modernization proposals:
 - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.
- IV. Site Details:
 - i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
 - ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
 - iii. Details w.r.t. option analysis for selection of site
 - iv. Co-ordinates (lat-long) of all four corners of the site.
 - v. Google map-Earth downloaded of the project site.
 - vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
 - vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
 - viii. Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
 - ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
 - x. Geological features and Geo-hydrological status of the study area shall be included.
 - xi. Details of Drainage of the project 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.
- V. Forest and wildlife related issues (if applicable):
- Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
 - 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)
 - Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
 - 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
 - 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.
 - Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.
- VI. Environmental Status:
- Determination of atmospheric inversion level at the project site and site-specific micrometeorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
 - AAQ data (except monsoon) at 8 locations for PM₁₀, PM_{2.5}, 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.
 - Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQPM 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.
 - 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.
 - Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
 - Ground water monitoring at minimum at 8 locations shall be included.
 - Noise levels monitoring at 8 locations within the study area.
 - Soil Characteristic as per CPCB guidelines.
 - Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
 - 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.
 - Socio-economic status of the study area
- VII. Impact and Environment Management Plan
- 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.
 - 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 touse 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.
- VIII. 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.
- IX. 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

- X. 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.
 - XI. 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.
 - XII. 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.
 - XIII. A tabular chart with index for point wise compliance of above TOR.
- A. Specific Terms of Reference for EIA studies for distilleries:
- 1. List of existing distillery units in the study area along with their capacity and sourcing of raw material.
 - 2. Number of working days of the distillery unit.
 - 3. Details of raw materials such as molasses/grains, their source with availability.
 - 4. Details of the use of steam from the boiler.
 - 5. Surface and Ground water quality around proposed spent wash storage lagoon, and compost yard.
 - 6. Plan to reduce spent wash generation within 6-8 KL/KL of alcohol produced.
 - 7. Proposed effluent treatment system for molasses/grain based distillery (spent wash, spent lees, condensate and utilities) as well as domestic sewage and scheme for achieving zero effluent discharge (ZLD).
 - 8. Proposed action to restrict fresh water consumption within 10 KL/KL of alcohol production.
 - 9. Details about capacity of spent wash holding tank, material used, design consideration. No. of peizometers to be proposed around spent wash holding tank.
 - 10. Action plan to control ground water pollution.
 - 11. Details of solid waste management including management of boiler ash, yeast, etc. Details of incinerated spent wash ash generation and its disposal.
 - 12. Details of bio-composting yard (if applicable).
 - 13. Action plan to control odour pollution.
 - 14. Arrangements for installation of continuous online monitoring system (24x7 monitoring device).

9. **Riverbed Morrum Mining Project from Yamuna River at Gata No.- 649 to 659 (Khand No.- 10/10 to 10/13), Village- Kataiya, Tehsil - Chail, District - Kaushambi, Area- 20.0 ha, File No. 7738/7290/Proposal No. SIA/UP/MIN/423562/2023**

RESOLUTION AGAINST AGENDA NO-09

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

10. Development of Commercial Complex Project (Shopping Malls, Showrooms, Retail Outlets, Hotels, Restaurants, Offices and Such other Commercial uses), Plot No.- E-01, Sector-51, Noida, Gautam Budh Nagar, Shri Deep Ramesh Goradia, M/s INGKA Centres India Pvt. Ltd., File No. 7745/5807/Proposal No. SIA/UP/INFRA2/424190/2023

RESOLUTION AGAINST AGENDA NO-10

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. During the presentation, the committee members raised the query but PP/consultant couldn't give a satisfactory answer and they assured that they will submit it to the committee. The committee discussed the matter and directed the project proponent to submit following information:

1. PP should submit the permission/NOC for availability of Water required for construction use and for domestic purposes after the establishment of the project from concerned/Noida Authority.
2. Proposal for Sewage Treatment Plant (STP) and Municipal solid waste treatment for disposal and treatment specific to the project. Along with a revised layout plan showing the location and required area for these facilities. Clear commitment regarding treatment of generated sewage and proper disposal of MSW.
3. Revised Plan for parking along with electric vehicle charging station in the premises.
4. Revised plan for rain water harvesting (Recharging and storage of rainwater) with detail such as availability of water from rainwater harvesting and uses.
5. The discussion held during the meeting regarding the permission from Airport Authority with regard to the proposed (under development) International Jewar Airport District Gautam Buddh Nagar, the project representatives assured that they will submit the clarification/NOC for the same.
6. Plan for dual pipeline network in the project for utilization of treated water (STP) for different purposes and also provide the monitoring mechanism for the same.
7. Revised proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with green belt layout plan/map. Adopt miyawaki plantation method.
8. Provide the details of water requirement with supply source. submit the MoU with concerned authority for STP treated water use in construction activity as proposed.
9. EIA coordinator to submit notarized affidavit as per prescribed performa.
10. PP to submit Land allotment letter and chronology of allotment of the same plot from the Noida Authority.
11. PP to submit the revised Corporate Environment Responsibility (CER) as per the MoEF & CC guidelines.
12. Latest site photographs of the project site along with date, time and geo coordinates.
13. Revised proposal for STP with respect to the specific project and also provide the proposal for utilization of treated water in various uses of ;project to reduce the requirement of fresh water consumption.

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

11. Ordinary Sand Mining from river bed of Yamuna, at Khand No 14, at village – Baswaar, Tehsil- Karchana, Prayagraj, Shri Surendra Kumar, Area - 4.69 ha., File No. 3989/Proposal No. SIA/UP/MIN/297526/2023

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 informed the committee that the revised Letter of Intent (LoI) for the project was granted by District Magistrate, Prayagraj vide letter no. 356/Khanij/2022-23, dated 11/05/2022 for the production quantity 70,454 m³ /annum for which amended EC was granted vide ref. no 315/Parya/SEIAA/3989/2022, dated 21/12/2022 for the period of approx 3 months which was expired on 07/03/2023. The project proponent also informed that the original EC was granted by SEIAA, U.P. vide letter no. 229/parya/SEAC/3989/2018, dated 08/03/2018 for the production quantity 1,60,480 m³ /annum, but lease deed was not executed at that time due to non availability of sand at the mining site. Now the project proponent has applied for extension in validity of Environment Clearance (based on the revised LoI issued vide letter no. 356/Khanij/2022-23, dated 11/05/2022 and approved mine plan letter no. 2022/5/21/125136 dt. 25/05/2022 for the period of 05 years). Therefore, in view of the above the project proponent requested to kindly extend the validity of environment clearance letter dated 08/03/2018 (which was amended by SEIAA on 21/12/2022) for the period of five years/co-terminus with the validity of the approved mine plan and revised LoI.

The committee has gone through the file and documents submitted by project proponent and presentation made before SEAC and observed that the mining work started after issuance of amended environmental clearance letter which was valid up to 07/03/2023 (approximately 90 days). Hence, the committee recommended to extend the validity of environment clearance letter dated 08/03/2018 (which was amended by SEIAA on 21/12/2022) for the period of revised LOI/approved mining plan whichever is earliest.

All Conditions mentioned in EC issued vide letter no. 229/parya/SEAC/3989/2018, dated 08/03/2018 and amended EC letter no. 315/Parya/SEIAA/3989/2022, dated 21/12/2022 shall remain the same.

12. Expansion of IT/ITES Project at Plot No- 7, Sector-Techzone 4, Greater Noida, District- Gautam Buddha Nagar, Shri Chanchal Kumar Sharma, M/s A.L Softweb Pvt. Ltd., File No. 7017/Proposal No. SIA/UP/MIS/299090/2023

The Project Proponent and Consultant informed the Committee that the Standard Terms of Reference was approved by SEIAA during the 615th Meeting dated 07/06/2022, according to which the EIA Report was submitted online on the PARIVESH State Portal of Uttar Pradesh on 30/12/2022. The case was taken up in the 726th SEAC-2 Meeting dated 07.02.2023, where the project proponent confirmed that there have been some changes in the project details that have resulted in the change in Built-up area and other details of the project. In view of this, the Committee asked the project proponent to submit the updated to seek amendment in the Terms of Reference.

The Project Proponent submitted the application for Amendment in ToR online on 30/03/2023 bearing Proposal No. SIA/UP/MIS/299090/2023. The case was taken up in the 744th SEAC-2 Meeting dated 28/04/2023.

During the meeting, the Project Proponent clarified the following changes in the project details on the basis of which the amendment in ToR dated 08/04/2022 is being sought:

S. No.	Particulars	Details as per TOR dated 08.04.2022	Details of Amendment	Remarks
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1	Plot Area	91,308 sqm	-	No Change
2	Ground Coverage	31,442.95 sqm	-	No Change
3	Proposed FAR (A)	1,91,745.82 sqm	1,91,736.18 sqm	Decrease by 9.64 sqm
4	Proposed Non-FAR (B)	1,02,749.13 sqm	28,175.62 sqm	Increase by 323.09 sqm
5	Basement Area (C)	74,896.60 sqm (Included in Non-FAR)	78,500.94 sqm	Increase by 3,604.34 sqm
6	Services Area (D)	31,104.78 sqm	28,737.89 sqm	Decrease by 2,366.89 sqm
7	Built-up Area (A+B+C+D)	3,25,599.73 sqm	3,27,150.64 sqm	Increase by 1,550.91 sqm
8	Green Area	26,965.47 sqm	27,314.84 sqm	Increase by 349.37 sqm
9	Road & Paved Area	21,732.601 sqm	30,650.21 sqm	Increase by 8,917.61 sqm
10	Parking (ECS)	3,552 ECS	3,717 ECS	Increase by 165 ECS
11	Estimated Population	26,629 individuals	-	No Change
12	Total Water Requirement	1,878 KLD	-	No Change
13	Fresh Water Requirement	1,325 KLD	-	No Change
14	Treated Water Requirement	553 KLD	-	No Change
15	Waste-water Generation	692 KLD	-	No Change
16	STP Capacity	770 KLD	-	No Change
17	Solid Waste Generation	6,866 kg/day	-	No Change
18	Biodegradable Waste Generation	4,120 kg/day	-	No Change
19	Non-biodegradable Waste Generation	2,446 kg/day	-	No Change
20	RWH Pits	14	-	No Change
21	Power Requirement	8.5 MW	-	No Change
22	No. of DG sets with capacity	5 x 2,000 + 1 x 1,500 KVA	-	No Change

The project proponent requested to amend the Terms of Reference (ToR) dated 08/04/2022 as per the aforementioned project details.

RESOLUTION AGAINST AGENDA NO-12

The committee discussed the matter and recommended to amend the Terms of Reference (ToR) dated 08/04/2022 as per above project details. All the other contents mentioned in Terms of Reference dated 08/04/2022 shall remain the same.

13. Expansion & Revision in Proposed IT/ITES Park At Plot no. A-37-38, Sector-62, Noida, Shri Manish Gupta, M/s Chambal Tradings Pvt. Ltd., File No. 7309/Proposal No. SIA/UP/MIS/299088/2023

The consultant informed the committee that the environmental clearance for the above project was issued by SEIAA, U.P. vide letter no. EC22B038UP195636 dated 14.04.2022 for the plot area 40,000 sqm and BUA of 1,18,298.56 sqm. Currently construction is in progress with respect to existing EC and the subsequent Consent to Establish. Chambal Tradings Pvt. Ltd. obtained Extra FAR for Green Building concept, Metro and purchasable. Therefore, ToR and EIA proposal were thereby submitted under revision and expansion with BUA 2,37,929.93 sqm on 14/10/2022 and 18/02/2023 respectively. ToR letter was issued on 04/11/2022. Environment consultant of the project has been changed and now the consultancy services of this project are being offered by M/s Aplinika Solutions and Technologies Pvt. Ltd.

The project was taken up in 736th SEAC-2 meeting dated 20/03/2023 wherein the consultant informed the committee about some discrepancies in the proposal and changes in the details of project and further submitted a request to defer the case.

Now, as per the current planning and the proposed built up area is **2,359,86.23** sqm which differs from the submitted ToR and EIA application dated 14/10/2022 and 18/02/2023. Hence, the project proponent applied for amendment in ToR through online Parivesh portal on 02/04/2023.

A presentation was made by the project proponent along with their consultant M/s Aplinka Solutions and Technologies Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The amendment in terms of reference is sought for Revision and Expansion of IT/ITES Park Project at Plot no. A-37, 38, Sector – 62, Noida, Uttar Pradesh, M/s Chambal Tradings Pvt. Ltd.
2. In the previous approved drawing, a part of plot area marked under future development which was counted in open/green area in the earlier EC letter. This future development area in plot is now being proposed for expansion that is additional Block “Complex B”. Thus, green area seems to reduce. However, proposed green area is as per the requirement of bye laws (50% of open area).
3. Details of ToR proposal and proposed amendment in the ToR letter dated 04/11/2022:

Particulars	Unit	Details as per ToR dated 04.11.2022	Details of Amendment	Remarks
Project cost	Cr.	230	655.42	Increase by 425.42Cr.
Plot area	sqm	40,000		No change
Permissible Ground coverage	sqm	12000		No change
Proposed ground Coverage	sqm	11,917.40	11,948.01	Increase by 30.61sqm
Total Permissible FAR	sqm	126000		No change
Proposed FAR	sqm	1,25,866.29	1,25,938.7	Increase by 72.41sqm
Proposed Services FAR	sqm	19,356.98	18,795.03	Decrease by 561.95sqm
Non FAR	sqm	92,706.66	91,252.56	Decrease by 1454.1sqm
Built Up Area	sqm	2,37,929.93	2,35,986.28	Decrease by 1943.65sqm
Total Green Area	sqm	8335.92	14219.43	Increase by 5883.51 sqm
Total Road & open area	sqm	5562.78	13832.56	Increase by 8269.78 sqm
No. of towers	No.	2		No change
No. of floors	No.	Complex A (2B + G + 20) Complex B (2B + G + 38)		No change
Maximum height of building	M	155.85		No change
Basement	No.	2		No change

• Population Details

Particulars	Unit	Details as per ToR dated 04/11/2022	Details of amendment	Remarks
Total Population	-	12321	13495	Increase of 1174 individuals

• Parking Details

Particulars	Unit	Details as per ToR dated 04/11/2022	Details of amendment	Remarks
Proposed Parking	ECS	2524	2574	Increase by 50 ECS

• Salient Features:

Particulars	Unit	Details as per ToR	Details of amendment	Remarks
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		dated 04/11/2022		
Power load	KW	9680	15080	Increase by 5400 KW
Solar provision	--	128 KW (160 kVA)	700 KW	Increase by 572 KW
No. of DG sets	kVA	15000 (12 x 1250 kVA)	18010 (6 x 1250 + 1 x 1010 + 1 x 500 + 6 x 1500 kVA)	Increase by 3010 kVA
RWH	No.	7 pits	5 pits + 1 pond	2 pits decrease, 1 pond increase
Water requirement	KLD	847	1056	Increase by 209KLD
Fresh water requirement	KLD	409	474	Increase by 65 KLD
Treated water requirement	KLD	418	562	Increase by 144 KLD
Waste water generation	KLD	464	507	Increase by 43KLD
Fire Tank	KLD	20		No change
STP Capacity	KLD	560	650	Increase by 90KLD
Total Solid Waste	Kg/D ay	1848.15	2635.1	Increase by 786.95 Kg/day

The project proponent requested to amend the Terms of Reference (ToR) dated 04/11/2022 as per the aforementioned project details.

RESOLUTION AGAINST AGENDA NO-13

The committee discussed the matter and recommended to amend the Terms of Reference (ToR) dated 04/11/2022 as per above project details. All the other contents mentioned in Terms of Reference dated 04/11/2022 shall remain the same.

14. Sand/Morrum Mining from river bed of Yamuna, at at Gata no- 2/4, 2/23, 2/24 & 2/28, Khand no.- 4 over an area of 21.00 ha at Bendakhadar, Tehsil- Banda, District- Banda, Uttar Pradesh of Shri Ashish Kumar Gautam, File No. 4918/Proposal No. SIA/UP/MIN/299342/2023

The Secretariat informed to the committee that the environmental clearance for the above project proposal was issued by SEIAA, U.P. vide letter no. 44/Parya/SEIAA/4918/2019, dated 15/05/2020 for the mining lease area 21.0 ha with production capacity 4,20,000 m³/year.

An appeal no. 53/2020 Ravi Kumar Vs. Ministry of Environment Forests & Climate Change & Ors. was filed in Hon'ble NGT, New Delhi against the environmental clearance issued in favour of project proponents (PPs). Hon'ble NGT passed an order dated 23/09/2021 in the matter. In compliance of above Hon'ble NGT order dated 23/09/2021, District Magistrate, Banda vide its order no. 1961/Khanij-30 Banda, dated 05/10/2021 restricted the operation of mining lease area till submission of fresh environment clearance from the competent authority.

In view of above, the project proponent submitted an online amendment/modification application vide proposal no. SIA/UP/MIN/299342/2022, dated 11/04/2023 and the matter was listed in 744th SEAC meeting dated 28/04/2023. A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P.

During the presentation the SEAC observed that the quantity in mining plan and letter of intent (LoI) has been mentioned as 4,20,000 m³/annum. However, in replenishment study report provided by DGM vide letter no. 1686/M-NGTvaad/2021, dated 10/02/2023 the quantity has been given as follows:

Village	Gata No./ Khand No	Area (Ha.)	Replenished Quantity (Cum) in	Resource Quantity in mine lease (pre	Total Quantity
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			Mine lease	monsoon) (Cum)	(Cum)
Benda Khadar (Yamuna)	2/4,2/23,2/24,2/28, Khand 4	21.0	204141	458220	662361

The SEAC discussed the matter and noted that the replenished quantity is less than the quantity mentioned in LOI. Hence, the committee advised the project proponent/consultant to revise the LoI and mining plan in the light of quantity mentioned in replenishment study report provided by Geology and Mining Department.

The matter will be discussed after submission of above information through online portal.

15. Sand/Morrum Mining having from Yamuna River Bed in Gata No.-553, 554, at Village-Issopur Khurgan, Tehsil-Kairana, Shamli, U.P., M/s Devansh Infra (Leased Area-3.96 Ha). File No. 4661.

The committee noted that the matter was earlier discussed in 452nd SEAC meeting dated 15/02/2020 and directed as follows:

“The Secretariat informed the committee that the project proponent submitted a letter dated 04/02/2020 through which they have informed that approx. 80-90% of the mining lease area is in-stream of the river and as per SSMG rules, 2016, the in-stream mining is prohibited. The project proponent requested to form a subcommittee for spot verification/site inspection of the project site.

The committee discussed the letter dated 04/02/2020 submitted by the project proponent and decided that a letter should be sent to District Magistrate, Shamli and District Mining Officer, Shamli for providing the factual report of the leased area. The copy of the letter should also be sent to Director, Geology and Mining Department, Lucknow for necessary action.”

The Secretariat sent a letter dated 29/05/2020 to District Magistrate, Shamli for providing the factual report of the site. District Magistrate, Shamli provided the factual report to the Directorate vide letter dated 18/01/2021.

The committee observed that as per factual report received from District Magistrate, Shamli vide letter no. 4190/kha.vi./2021 dated 18/01/2021, workable area is only 32% of the total mining lease area. However, the minable quantity of sand to be excavated as per SSMG, 2016 is not mentioned in the factual report. In view of this, verified lease map along with geo-coordinates of workable & non workable area with mineable quantity is also required for appraisal:

District Magistrate, Shamli again provided the factual report to the Directorate vide letter no. 5418/kha.vib./2022, dated 08/12/2022 wherein:

“... कार्यालय के पत्र संख्या-5408/ख0वि0-2022, दिनांक 29-11-2022 के अंतर्गत उप जिलाधिकारी, कैराना से उक्त क्षेत्र की फ़ैकचुअल रिपोर्ट प्राप्त की गयी, उक्त के क्रम में उप जिलाधिकारी, कैराना व खान अधिकारी, शामली द्वारा अपनी संयुक्त जाँच आख्या दिनांक 06-12-2022 के द्वारा अवगत कराया गया कि ग्राम-ईस्सोपुर खुरगान परगना व तहसील कैराना जिला शामली में उपस्थित होकर खसरा नं0-553, 554 रकबा 3.96 हे0 भूमि का मौके का स्थलीय निरीक्षण किया गया। स्थलीय निरीक्षण उपरान्त पाया गया कि खसरा नं0-553 व 554 में मौके पर पर्याप्त बालू जमा है। उक्त खसरा नम्बर में वर्तमान में यमुना नदी का कोई बहाव नहीं है। उचित कार्यवाही हेतु आख्या प्रेषित की गयी है।”

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

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

1. The environmental clearance is sought for Sand/Morrum Mining having from Yamuna River Bed in Gata No.-553, 554, at Village-Issopur Khurgan, Tehsil-Kairana, Shamli, U.P., M/s Devansh Infra (Leased Area-3.96 Ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 143/Parya/SEAC/4661/2018 dated 03/07/2019.
3. The Public Hearing was organized on 05/09/2019. Final EIA Report was submitted by the Project Proponent on 11/01/2020.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/30986/2019																	
2.	File No. allotted by SEIAA, UP	File No. 4661																	
3.	Name of Proponent	M/s Devansh Infra/109104 Prop: Shri Kuldeep Singh S/o Sri Chand Singh																	
4.	Full correspondence address of proponent and mobile no.	Prop: Shri Kuldeep Singh S/o Sri Chand Singh R/o 143, Udpur, P.O. Udpur, Shamli U. P.-247773 Mobile No.- 8817500000 E mail ID - devanshinfraco@gmail.com																	
5.	Name of Project	Environmental Clearance for proposed river bed Sand/Morrum mining having lease area 3.96ha along River Yamuna Gata No 553, 554 at Village – Issopur Khurgan,Tehsil- Kairana, District- Shamli, U. P. of M/s Devansh Infra/109104.																	
6.	Project Location (Plot. Khasra/Gata No.)	Gata No 553, 554																	
7.	Name of River	Yamuna																	
8.	Name of Village	Issopur Khurgan																	
9.	Tehsil	Kairana																	
10.	District	Shamli																	
11.	Name of Minor Mineral	“River bed Sand/morrum mining”																	
12.	Sanctioned Lease Area (in Ha.)	3.96 ha																	
13.	Max. & Min mRL within lease area	Highest mRL -235.5 mRL Lowest mRL- 231.5 mRL																	
14.	Pillar Coordinates (Verified by DMO)	<table><tr><th>Point</th><th>Latitude N</th><th>Longitude E</th></tr><tr><td>A</td><td>29°26’56.56’’N</td><td>77°8’36.28’’E</td></tr><tr><td>B</td><td>29°27’6.19’’N</td><td>77°8’32.50’’E</td></tr><tr><td>C</td><td>29°27’5.45’’N</td><td>77°8’29.07’’E</td></tr><tr><td>D</td><td>29°26’56.61’’N</td><td>77°8’28.25’’E</td></tr></table>	Point	Latitude N	Longitude E	A	29°26’56.56’’N	77°8’36.28’’E	B	29°27’6.19’’N	77°8’32.50’’E	C	29°27’5.45’’N	77°8’29.07’’E	D	29°26’56.61’’N	77°8’28.25’’E		
Point	Latitude N	Longitude E																	
A	29°26’56.56’’N	77°8’36.28’’E																	
B	29°27’6.19’’N	77°8’32.50’’E																	
C	29°27’5.45’’N	77°8’29.07’’E																	
D	29°26’56.61’’N	77°8’28.25’’E																	
15.	Total Geological Reserves	1,86,009 m ³																	
16.	Total Mineable Reserve	92,371 m ³																	
17.	Total Proposed Production	4,75,200 m ³ (5 years)																	
18.	Proposed Production /year (as per LoI)	95,040 m ³ /annum																	
19.	Sanctioned Period of Mine lease	Lease Period 5 years																	
20.	Production of mine/day	380 m ³ /day																	
21.	Method of Mining	Opencast semi-mechanized																	
22.	No. of workers	50																	
23.	Type of Land	Govt./Non Forest Land																	
24.	Depth of Mining	3.0 m (Maximum)																	
25.	Nearest metalled road from site	0.30 km																	
26.	Water Requirement	<table><tr><td colspan="2">PURPOSE</td></tr><tr><td>Drinking</td><td>- 0.50 KLD</td></tr><tr><td>Suppression of dust</td><td>- 3.60 KLD</td></tr><tr><td>Plantation</td><td>- 0.70 KLD</td></tr><tr><td>Others (if any)</td><td>- 0.00 KLD</td></tr><tr><td>Total</td><td>- 4.80 KLD</td></tr></table>			PURPOSE		Drinking	- 0.50 KLD	Suppression of dust	- 3.60 KLD	Plantation	- 0.70 KLD	Others (if any)	- 0.00 KLD	Total	- 4.80 KLD			
PURPOSE																			
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Plantation	- 0.70 KLD																		
Others (if any)	- 0.00 KLD																		
Total	- 4.80 KLD																		
27.	Name of QCI Accredited Consultant	Paramarsh Servicing Environment and development																	

	with QCI No and period of validity.	NABET/EIA/2124 RA 0224, Valid till –01 May 2024
28.	Any litigation pending against the project or land in any court	No
29.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 2477/खो वि-2019 , dated - 13-03/2019
30.	Details of Lease Area in approved DSR	Serial no. 01 in village- Issopur Khurgan, Page no. 10
31.	Project Cost	50 Lacs
32.	Proposed CER cost	1.0 Lacs
33.	Length and breadth of Haul Road	Length – 0.30 km, Breadth – 6.00 m
34.	No. of Trees to be Planted	140

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

The consultant (EIA Coordinator) also submitted an affidavit dated 21/04/2023 mentioning is as follows:

1. I Dr. S V Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA/EMP report for the Proposed Sand/Morrum Mining having from Yamuna River Bed in Gata No.-553, 554, at Village-Issopur Khurgan, Tehsil-Kairana, Shamli, U.P., M/s Devansh Infra (Leased Area-3.96 Ha) with my team.
3. I have personally visited the proposed site along with team 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 EIA/EMP preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

The project proponent also submitted letter dated 12/01/2023 issued by Director, Directorate of Geology and Mining, U.P. wherein:

“... ”

SEIAA द्वारा नदी तल में स्थित बालू/मौरम की दीर्घकालीन अवधि के खनन पट्टों के लिए पर्यावरण स्वच्छता प्रमाण पत्र प्राप्त करने से पूर्व कतिपय प्रकरणों में replenishment study की अपेक्षा की जा रही है। उल्लेखनीय है कि नये क्षेत्रों को परिहार पर स्वीकृत किये जाने से पूर्व, क्षेत्र में उपलब्ध खनिज की मात्रा का आंकलन जनपद स्तर पर गठित समिति द्वारा किया जाता है। समिति के आंकलन के आधार पर प्रथम वर्ष का निर्धारण कर विज्ञप्ति जारी की जाती है। सफल बोलीदाता के पक्ष में खनन परिहार स्वीकृत किये जाने पर, क्षेत्र में प्रथम वर्ष खनन कार्य समाप्ति होने के उपरान्त, मानसून सत्र में क्षेत्र में बालू/मौरम के पुर्नभराव का आंकलन किया जाना आवश्यक होता है। ऐसी स्थिति में SEIAA द्वारा पर्यावरण स्वच्छता प्रमाण पत्र निर्गत किये जाने से पूर्व replenishment study की आवश्यकता प्रतीत नहीं होती है।”

RESOLUTION AGAINST AGENDA NO. 15

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 specific conditions:

1. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders. Based on replenishment study letter of intent (LoI) must be revised (if required) by Directorate of Geology and Mining.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
4. The project proponent shall install solar light in their site office.
5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted and report of green belt development to be submitted to the concerning department
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

16. Soil Excavation Project at Gata No.- 1880, 61 & 62, Village-Rajpur, Tehsil-Khair, District-Aligarh, Shri Gavendra Singh Area- 2.242 ha., File No. 7447/Proposal No. SIA/UP/MIN/410828/2022

The Secretariat informed the committee that the matter was earlier listed in 716th SEAC meeting dated and the project proponent did not appear in the meeting. The project proponent through online parivesh portal on 14/02/2023 has requested to list the matter in next SEAC meeting and the matter was listed in 28/04/2023.

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 P & M Solution, Noida, UP. 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 Soil Excavation Project at Gata No.- 1880, 61 & 62, Village-Rajpur, Tehsil-Khair, District-Aligarh, U.P., (Leased Area- 2.242 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	Online Proposal	SIA/UP/MIN/410828/2022					
2.	File No. (SEAC/SEIAA)	7447					
3.	Project	Ordinary Soil Mining					
4.	Proponent	M/s Indra Enterprises – Khair, Aligarh, UP C/o Shri Gavendra Singh S/o Shri Suresh Chandra Singh					
5.	Corresponding Address	R/o: 168, Om Nagar, Khair, Aligarh, UP – 202138					
6.	Project location	Gata No. 1880, 61 & 62,					
	Village	Village Rajpur and village Mohsanpur,					
7.	Tehsil	Khair					
8.	District	Aligarh					
9.	State	Uttar Pradesh					
10.	Area	2.242 Ha (Gata no. 1880 – 1.586 Ha, Gata No. 61 – 0.3390 Ha & Gata No. 62 – 0.3170 Ha					
11.	Workable Area	2.0178 Ha					
12.	Type of Mineral	Ordinary Soil					
13.	Category	B2 (opencast Soil Mining)					
14.	Method of Mining	Semi-mechanized					
15.	Geo-Coordinates of project site	Gata No. 1880				Gata No. 61	
		A	28° 0'14.48"N	77°44'27.44"E	A	27° 58'50.70"N	77° 44'54.26"E
		B	28° 0'10.47"N	77°44'31.56"E	B	27° 58'50.36"N	77° 44'54.97"E
		C	28° 0'9.13"N	77°44'30.05"E	C	27° 58'49.23"N	77° 44'54.19"E
		D	28° 0'13.02"N	77°44'25.78"E	D	27° 58'49.75"N	77° 44'53.56"E
						Gata No. 62	
				A	27° 58'50.35"N	77° 44'54.98"E	
				B	27° 58'49.83"N	77° 44'56.03"E	
				C	27° 58'48.65"N	77° 44'54.92"E	
				D	27° 58'49.22"N	77° 44'54.21"E	
16.	Geological Reserve	1,12,100 cubic meter					
17.	Proposed Production	42373.8 or (approx..) 42,000 cubic meter / 50,400 MT					
18.	Time Period	01 year					
19.	Production per day	168 cubic meter / day					
20.	Ultimate Depth of Mining	2.1 meter					
21.	Letter of Intent	No. 80/ □□□□ स□□□□ dated 11/Nov. 2022					
22.	Cluster letter	79/D.L.R.C. dated 11 th Nov. 2022					
23.	Total Man Power required	25					
24.	Total water requirement	Purpose		Water required			
		Drinking		0.5 KLD			
		Dust Suppression		3.0 KLD			
		Irrigation		1.0 KLD			
		Total		4.50 KLD			
25.	Environmental Consultant	M/s P & M Solution Noida UP, QCI Accredited Organization, Certificate No. NABET/EIA/1922/IA0053 Valid till 6 th June 2023					
26.	Total Plants to be planted	250 Nos. of various species					
27.	Project Cost	500,000/ INR					
28.	EMP Cost	100,000/INR (@ 20% of project cost)					
29.	CER	20,000/ INR (@ 4% of project cost)					

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

The consultant (EIA Coordinator) also submitted an affidavit dated 26/04/2023 mentioning is

as follows:

1. I, Dr. Jatin Kumar Srivastava S/o Lt. Lalit Kishore Srivastava is EIA Coordinator of M/s P & M Solution.
2. I have prepared the EMP and other essential formats based on the information provided in the approved mining plan for the proposal in Name of M/s Indra Enterprises with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EC 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 EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 16

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

17. Sand/Morrum River Bed Mining Gata No.- 840/1, Village – Behta Ballu, Tehsil - Kayamganj, District – Farrukhabad, Uttar Pradesh, Area- 7.0 ha., File No. 7791/7324/Proposal No. SIA/UP/MIN/426556/2023

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

1. The environmental clearance is sought for Sand/Morrum Mining from riverbed of Ganga at Gata No.840/1, Village–Behta Ballu, Tehsil - Kayamganj, District – Farrukhabad, Uttar Pradesh, (Leased Area 7.0 ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. .- 308/Parya/SEIAA/7324/2022 dated 16, December 2022.
3. The Public Hearing was organized on 05/04/2023. Final EIA Report was submitted by the Project Proponent on 18/04/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	New Proposal No: SIA/UP/MIN/426556/2023 Old Proposal No: SIA/UP/MIN/404933/2022
2.	File No. allotted by SEIAA, UP	File No. 7791/7324
3.	Name of Proponent	Shri Arun Pratap Singh
4.	Full correspondence address of proponent and mobile no.	Arun Pratap Singh S/o Shri Satyapal Singh Rathore R/o Village -Nagla May, Post- Umai Asadnagar Tehsil -Aliganj Pro.SPS Kisan Seva Kendra (337467) Aliganj, District- Etah, Uttar Pradesh 207247 Mobile No.- 907327103008 E mail ID - sonu434594@gmail.com
5.	Name of Project	Environment Clearance for Proposed Sand/Morrum Mining from riverbed of Ganga, at Gata No.840/1, Area 7.0 ha at Village–Behta Ballu, Tehsil - Kayamganj, District – Farrukhabad, Uttar Pradesh of Shri Arun Pratap Singh.

6.	Project Location (Plot. Khasra/Gata No.)	Gata No.840/1			
7.	Name of River	Ganga			
8.	Name of Village	Behta Ballu			
9.	Tehsil	Kayamganj			
10.	District	Farrukhabad			
11.	Name of Minor Mineral	“river bed Sand/morrum mining”			
12.	Sanctioned Lease Area (in Ha.)	7.0 ha			
13.	Max. & Min mRL within lease area	Highest mRL - 145.30 mRL Lowest mRL- 142.50 mRL			
14.	Pillar Coordinates (Verified by DMO)	Pillar No	N	E	
		A	27°36'30.60"N	79°26'01.20"E	
		B	27°36'37.66"N	79°26'11.78"E	
		C	27°36'44.28"N	79°26'05.65"E	
		D	27°36'36.60"N	79°25'59.29"E	
15.	Total Geological Reserves	2,80,000 m ³			
16.	Total Mineable Reserve	1,68,000 m ³			
17.	Total Proposed Production	7,00,000 m ³ (5 years)			
18.	Proposed Production /year (as per LoI)	1,40,000 m ³ /annum			
19.	Sanctioned Period of Mine lease	Lease Period 5 years			
20.	Method of Mining	Opencast semi-mechanized			
21.	No. of workers	35			
22.	Type of Land	Govt./Non Forest Land			
23.	Depth of Mining	2.56 m			
24.	Nearest metalled road from site	0.25 km			
25.	Water Requirement	Purpose			
		Drinking	- 0.35 KLD		
		Suppression of dust	- 3.00 KLD		
		Plantation	- 7.00 KLD		
		Others (if any)	- 0.00 KLD		
		Total	~ 10.30 KLD		
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024			
27.	Any litigation pending against the project or land in any court	No			
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 2155 /Khan Nirikshak (Cluster Certificate), dated - 10/08/2022			
29.	Details of Lease Area in approved DSR	DSR (Sanshodhan/Sanyojan) letter no. 380/M-228/2017(Khanan niti) – DSR dt. 02/06/2022			
30.	Project Cost	97 lacs			
31.	Proposed CER cost	1.94 lacs			
32.	Length and breadth of Haul Road	Length – 0.25 km, Breadth – 6.00 m			
33.	No. of Trees to be Planted	7000			

- 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 21/04/2023 mentioning is as follows:

- I, Dr. S.V. Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh Servicing Environment and Development.
- I have prepared EIA/EMP report for the Environment Clearance for Proposed Sand/Morrum Mining from riverbed of Ganga, at Gata No.840/1, Area 7.0 ha at Village–Behta Ballu, Tehsil -

Kayamganj, District – Farrukhabad, Uttar Pradesh. Prop: Shri Arun Pratap Singh, New Proposal No: SIA/UP/MIN/426556/2023

3. I have personally visited the proposed site along with team 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 EIA/EMP preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

The project proponent also submitted letter dated 12/01/2023 issued by Director, Directorate of Geology and Mining, U.P. wherein:

“... ”

SEIAA द्वारा नदी तल में स्थित बालू/मौरम की दीर्घकालीन अवधि के खनन पट्टों के लिए पर्यावरण स्वच्छता प्रमाण पत्र प्राप्त करने से पूर्व कतिपय प्रकरणों में replenishment study की अपेक्षा की जा रही है। उल्लेखनीय है कि नये क्षेत्रों को परिहार पर स्वीकृत किये जाने से पूर्व, क्षेत्र में उपलब्ध खनिज की मात्रा का आंकलन जनपद स्तर पर गठित समिति द्वारा किया जाता है। समिति के आंकलन के आधार पर प्रथम वर्ष का निर्धारण कर विज्ञप्ति जारी की जाती है। सफल बोलीदाता के पक्ष में खनन परिहार स्वीकृत किये जाने पर, क्षेत्र में प्रथम वर्ष खनन कार्य समाप्ति होने के उपरान्त, मानसून सत्र में क्षेत्र में बालू/मौरम के पुर्नभराव का आंकलन किया जाना आवश्यक होता है। ऐसी स्थिति में SEIAA द्वारा पर्यावरण स्वच्छता प्रमाण पत्र निर्गत किये जाने से पूर्व replenishment study की आवश्यकता प्रतीत नहीं होती है।”

RESOLUTION AGAINST AGENDA NO. 17

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 specific conditions:

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

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

(Prof. Jaswant Singh)
Member

(Dr. Amrit Lal Haldar)
Member

(Dr. Dineshwar Prasad Singh)
Member

(Tanzar Ullah Khan)
Member

(Dr. Shiv Om Singh)
Member

(Dr. Harikesh Bahadur Singh)
Chairman

(Ashish Tiwari)
Member-Secretary

Nodal, SEAC-2

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

Annexure-1

General and Specific Conditions for Sand/Morum Mining Proposals

General Conditions:

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

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

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

Specific Conditions:

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

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

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

Annexure-2

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

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

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

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

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

Annexure-3

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

General condition:

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

Specific Conditions:

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

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