

Minutes of 766th SEAC-2 Meeting Dated 21/06/2023

The 766th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 21/06/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 766th 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. “Ordinary Soil Excavation Project” at Gata No.- 103, 110a, 110b, Village- Bhokapur, Tehsil- Sarojni Nagar, District- Lucknow, Shri Ujjawal Shukla, Area: 1.3545 Ha., File No. 7962/ Proposal No. SIA/UP/MIN/432388/2023

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 Earth vision India Associate Consultants. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Ordinary Soil Excavation Project” at Gata No.-103, 110a, 110b, Village- Bhokapur, Tehsil- Sarojni Nagar, District- Lucknow, U.P., (Leased Area : 1.3545 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/432388/2023				
2.	File No. allotted by SEIAA,UP	7962				
3.	Name of Proponent	M/s Prince Infratech, Prop. Shri Ujjawal Shukla				
4.	Registered Address	R/o- Village- Kurauni, Tehsil- Sarojni Nagar, District- Lucknow, Uttar Pradesh.				
5.	Full correspondence address of proponent and mobile no.	R/o- Village- Kurauni, Tehsil- Sarojni Nagar, District- Lucknow, Uttar Pradesh.				
		Mobile no.-				
		E-mail ID-				
6.	Name of Project	Ordinary Soil Mining Project				
7.	Project location Khasra No	Gata No.- 103, 110a, 110ba				
8.	Name of Village	Bhokapur				
9.	Tehsil	Sarojni Nagar				
10.	District	Lucknow, Uttar Pradesh.				
11.	Name of Minor Mineral	Ordinary Soil				
12.	Sanctioned Lease Area (in Ha.)	1.3545 Ha.				
13.	Max. & Min mRL within lease area	The highest level is 146.0mRL & The lowest level is 144.0 mRL				
14.	Pillar Coordinates (Verified by DMO)	Gata No.	Pillar	Latitude	Longitude	
		103	A	26°41'9.74"N	80°47'47.17"E	

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				B	26°41'12.40"N	80°47'44.40"E
				C	26°41'13.37"N	80°47'45.62"E
				D	26°41'10.75"N	80°47'48.37"E
			110v	A	26°41'8.60"N	80°47'45.83"E
				B	26°41'10.14"N	80°47'44.34"E
				C	26°41'11.10"N	80°47'45.52"E
				D	26°41'9.61"N	80°47'47.09"E
			110c	A	26°41'7.76"N	80°47'44.77"E
				B	26°41'9.30"N	80°47'43.25"E
				C	26°41'10.12"N	80°47'44.28"E
D	26°41'8.53"N	80°47'45.78"E				
15.	Period of agreement between Project proponent & Land Owner	3 Months				
16.	Mine Plan approval details	Letter No. 66/ ख०यो० /2023 Dated 26-05-2023				
17.	Validity of Mine Plan	3 Months				
18.	Total Proposed Production	24,381.00 M ³				
19.	Proposed Production/Day	270.90 M ³				
20.	Method of Mining	Opencast/ Semi Mechanized				
21.	No. of workers	10 Workers				
22.	Type of Land	Private Land				
23.	Ultimate Depth of Mining	2.20 m				
24.	Water Requirement	S. No.	Purpose		Water Requirement (KLD)	
		1	Dust Suppression		1.80	
		2	Plantation		0.30	
		3	Domestic (Drinking)		0.30	
		Total		2.40 KLD		
25.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultants, QCI NABET/EIA/2124/IA 0077 Valid till 24.02.2024				
26.	Any litigation pending against the project or land in any court	No				
27.	Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration	None				
28.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No. 13 Dated 05-06-2023				
29.	Proposed CER cost	Rs. 53,500/-				
30.	Proposed EMP cost	Rs. 90,000/-				
31.	No. of Trees to be Planted.	100				
32.	Detail of CTE/CTO issued by UPPCB	NA				

- 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 20/06/2023 mentioning is as follows:

1. I Brij Mohan Singh Negi S/o K.S. Negi is EIA Coordinator of Earthvision India Associate Consultants, Lucknow.
2. I have prepared EIA/EMP report for the Proposal EC in Name of M/s Prince Infratech, Prop. Shri Ujjawal Shukla with my team.
3. I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with Application /EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 01

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

2. “Ordinary Soil Excavation Project” at Gata No.- 780, 778, Village- Borumau, Tehsil- Bakshi Ka Talab, District-Lucknow, Shri Yogesh Kumar Kanaojiya, Area: 0.4000 Ha., File No. 7964/ Proposal No. SIA/UP/MIN/432410/2023

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 Earth vision India Associate Consultants. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Ordinary Soil Excavation Project” at Gata No. 780, 778, Village-Borumau, Tehsil- Bakshi Ka Talab, District-Lucknow, U.P., (Leased Area: 0.4000 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/432410/2023
2.	File No. allotted by SEIAA,UP	7964
3.	Name of Proponent	Shri Yogesh Kumar Kanaojiya S/o Shri Chandra Kishor
4.	Registered Address	R/o- Sector-3, Jankipuram Vistar, District- Lucknow, Uttar Pradesh.
5.	Full correspondence address of proponent and mobile no.	R/o- Sector-3, Jankipuram Vistar, District- Lucknow, Uttar Pradesh. Mobile no.- E-mail ID-
6.	Name of Project	Ordinary Soil Mining Project
7.	Project location Khasra No	Gata No.- 780, 778
8.	Name of Village	Borumau
9.	Tehsil	Bakshi Ka Talab

10.	District	Lucknow, Uttar Pradesh.			
11.	Name of Minor Mineral	Ordinary Soil			
12.	Sanctioned Lease Area (in Ha.)	0.4000 Ha.			
13.	Max. & Min mRL within lease area	The highest level is 135.0mRL & The lowest level is 133.0 mRL			
14.	Pillar Coordinates (Verified by DMO)	Gata No.	Pillar Name	Latitude	Longitude
		780	A	26°58'21.42"N	80°49'53.11"E
			B	26°58'23.60"N	80°49'50.54"E
			C	26°58'24.31"N	80°49'51.40"E
			D	26°58'22.10"N	80°49'53.76"E
		778	A	26°58'23.80"N	80°49'52.59"E
			B	26°58'24.57"N	80°49'51.73"E
			C	26°58'25.42"N	80°49'52.74"E
D	26°58'24.56"N		80°49'53.69"E		
15.	Period of agreement between Project proponent & Land Owner	3 Months			
16.	Mine Plan approval details	Letter No. 67/ ख०य० / 2023 Dated 26-05-2023			
17.	Validity of Mine Plan	3 Months			
18.	Total Proposed Production	6840.00 M ³			
19.	Proposed Production/Day	76 M ³			
20.	Method of Mining	Opencast/ Semi Mechanized			
21.	No. of workers	8 Workers			
22.	Type of Land	Private Land			
23.	Ultimate Depth of Mining	2.10 m			
24.	Water Requirement	S. No.	Purpose	Water Requirement (KLD)	
		1	Dust Suppression	4.92	
		2	Plantation	0.30	
		3	Domestic (Drinking)	0.24	
		Total		5.46 KLD	
25.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultants, QCI NABET/EIA/2124/IA 0077 Valid till 24.02.2024			
26.	Any litigation pending against the project or land in any court	No			
27.	Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration	None			
28.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No. 14 Dated 05-06-2023			
29.	Proposed CER cost	Rs. 52,240/-			
30.	Proposed EMP cost	Rs. 90,000/-			
31.	No. of Trees to be Planted.	100			
32.	Detail of CTE/CTO issued by UPPCB	NA			

- 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.

7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 20/06/2023 mentioning is as follows:

1. I Brij Mohan Singh Negi S/o K.S. Negi is EIA Coordinator of Earthvision India Associate Consultants, Lucknow.
2. I have prepared EIA/EMP report for the Proposal EC in Name of Shri Yogesh Kumar Kanaojiya S/o Shri Chandra Kishor with my team.
3. I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with Application /EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP 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 grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to these minutes.

3. **Building Stone (Sandstone) Mine at Gata no.- 997 Mi Village- Sindhora, Tehsil- Sadar, District-Mirzapur, Shri Grijesh Kumar Singh, Area-1.112 Ha., File No. 7966/ Proposal No. SIA/UP/MIN/432529/2023**

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 “Building stone (Sandstone)” Mine at Araj/Gata no.- 997 Mi, Village- Sindhora, Tehsil- Sadar, District-Mirzapur, Uttar Pradesh, (Leased Area- 1.112 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/432529/2023
2.	File No. allotted by SEIAA, UP	7966
3.	Name of Proponent	Shri Grijesh Kumar Singh
4.	Full correspondence address of proponent and E-mail Id	R/o- 8, Village Khaira, Bagha, District- Mirzapur, Uttar Pradesh Email: grijesh5418@gmail.com
5.	Name of Project	“Building stone (Sandstone)” Mine at Gata No.- 997 Mi, Village- Sindhora, Tehsil- Sadar, District-Mirzapur, Uttar Pradesh
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.- 997 Mi, Village- Sindhora, Tehsil- Sadar, District-Mirzapur, Uttar Pradesh
7.	Name of River	NA
8.	Name of Village	Sindhora

9.	Tehsil	Sadar		
10.	District	Mirzapur		
11.	Name of Minor Mineral	Building Stone (Sandstone)		
12.	Sanctioned Lease Area (in Ha.)	1.112 ha		
13.	Max. & Min mRL within lease area	Highest mRL is 113 & Lowest is 107 mRL		
14.	Pillar Coordinates (Verified by DMO)	GPS Co-ordinates are-		
		Pillar	N	E
		A	25°05'35.96"N	82°48'36.28"E
		B	25°05'35.97"N	82°48'37.63"E
		C	25°05'33.18"N	82°48'39.38"E
		D	25°05'31.02"N	82°48'39.77"E
		E	25°05'31.00"N	82°48'36.47"E
15.	Total Geological Reserves	5,78,700 m ³		
16.	Total Mineable Reserve (as per Approved Mine Plan)	2,49,180 m ³		
17.	Total Proposed Production	1,66,800 m ³ in 5 Years		
18.	Proposed Production/year	33,360 cum/year		
19.	Sanctioned Period of Mine lease	10 years		
20.	Method of Mining	Opencast, Semi-Mechanized		
21.	Working hours/day	8		
22.	No. of worker	52		
23.	Type of Land	Govt. land		
24.	Ultimate of Depth of Mining	Upto 70 mRL		
25.	Nearest metalled road from site	200 m		
26.	Water Requirement	PURPOSE		PURPOSE
		Drinking		0.52 KLD
		Suppression of dust		1.80 KLD
		Plantation		0.50 KLD
		Total		2.82 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. 3889/M.M.C.-30/2022-23 Dated on 05.04.2023		
30.	Details of Lease Area in approved DSR	Lease area is mentioned at Page no. 30, Sl no. 20 in approved DSR,		
31.	Proposed CER cost	Rs. 1.66 Lakhs		
32.	EMP cost	EMP cost is 5.95 lakhs as capital cost and 3.57 lakhs as recurring cost		
33.	Distance of Haul Road	200 m		
34.	No. of Trees to be Planted	250		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 02/06/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/ AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared TOR project report for the “Building stone (Sandstone)” Mine at Araji/Gata no.- 997 Mi, Village– Sindhora, Tehsil- Sadar, District–Mirzapur, Uttar Pradesh, (Leased Area- 1.112 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EIA/EMP presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 03

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

Additional TOR:

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

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

4. Building Stone (Sandstone) Mine at Gata No.- 180/2 Village- Bhagauti Dei, Tehsil- Chunar, District-Mirzapur, Shri Shyamji Singh, Area -1.011 Ha., File No. 7968/ Proposal No. SIA/UP/MIN/432089/2023

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 “Building stone (Sandstone)” Mine at Araj/Gata no.- 180/2, Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area- 1.011 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/432089/2023																		
2.	File No. allotted by SEIAA, UP	7968																		
3.	Name of Proponent	Shri Shyamji Singh																		
4.	Full correspondence address of proponent and E-mail Id	R/o- Ben Tiaryi, Chakiya, District- Chandauli, Uttar Pradesh Email: shyamjisingh5418@gmail.com																		
5.	Name of Project	“Building stone (Sandstone)” Mine at Gata No.- 180/2, Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh.																		
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.-180/2, Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh.																		
7.	Name of River	NA																		
8.	Name of Village	Bhagauti Dei																		
9.	Tehsil	Chunar																		
10.	District	Mirzapur																		
11.	Name of Minor Mineral	Building Stone (Sandstone)																		
12.	Sanctioned Lease Area (in Ha.)	1.011 ha.																		
13.	Max. & Min mRL within lease area	Highest mRL is 113.40 & Lowest is 102.80 mRL																		
14.	Pillar Coordinates (Verified by DMO)	GPS Co-ordinates are- <table border="1"> <thead> <tr> <th>Pillars</th><th>N</th><th>E</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°02'46.40"N</td><td>82°58'46.00"E</td></tr> <tr> <td>B</td><td>25°02'46.34"N</td><td>82°58'48.62"E</td></tr> <tr> <td>C</td><td>25°02'41.35"N</td><td>82°58'47.47"E</td></tr> <tr> <td>D</td><td>25°02'41.71"N</td><td>82°58'47.14"E</td></tr> <tr> <td>E</td><td>25°02'41.76"N</td><td>82°58'45.03"E</td></tr> </tbody> </table>	Pillars	N	E	A	25°02'46.40"N	82°58'46.00"E	B	25°02'46.34"N	82°58'48.62"E	C	25°02'41.35"N	82°58'47.47"E	D	25°02'41.71"N	82°58'47.14"E	E	25°02'41.76"N	82°58'45.03"E
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A	25°02'46.40"N	82°58'46.00"E																		
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D	25°02'41.71"N	82°58'47.14"E																		
E	25°02'41.76"N	82°58'45.03"E																		
15.	Total Geological Reserves	5,89,086 m ³																		
16.	Total Mineable Reserve (as per Approved Mine Plan)	2,25,792 m ³																		

17.	Total Proposed Production	1,51,650 m ³ in 5 Years	
18.	Proposed Production/year	30,330 m ³ /year	
19.	Sanctioned Period of Mine lease	10 years	
20.	Method of Mining	Opencast, Semi-Mechanized	
21.	Working hours/day	8	
22.	No. of worker	52	
23.	Type of Land	Govt. land	
24.	Ultimate of Depth of Mining	Upto 70 mRL	
25.	Nearest metalled road from site	470 m	
26.	Water Requirement	PURPOSE	PURPOSE
		Drinking	0.52 KLD
		Suppression of dust	2.88 KLD
		Plantation	0.50 KLD
		Total	3.90 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. 4556/M.M.C.-30/2022-23 Dated on 20.05.2023	
30.	Details of Lease Area in approved DSR	Lease area is mentioned at page no. 53, Sl no. 95 in approved DSR	
31.	Baseline data collection period	March to May 2023 (Intimation letter submitted)	
32.	Proposed CER cost	Rs. 1.7 Lakhs	
33.	EMP cost	EMP cost is 7.57 lakhs as capital cost and 5.19 lakhs as recurring cost	
34.	Distance of Haul Road	470 m	
35.	No. of Trees to be Planted	250	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 02/06/2023 mentioning is as follows:

- I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/ AWS Envirotech (OPC) Pvt. Ltd.
- I have prepared TOR project report for the “Building stone (Sandstone)” Mine at Araj/Gata no.-180/2, Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area-1.011 ha.) with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I have satisfied with that all the necessary data/information required for EIA/EMP 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.

7. The TOR application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 04

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

Additional TOR:

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

5. Building Stone (Sandstone) Mine at Gata No.- 185 Village-Kanchanpur, Tehsil- Chunar, District-Mirzapur, Shri Shyamji Singh, Area –1.315 Ha., File No. 7972/ Proposal No. SIA/UP/MIN/432731/2023

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 “Building stone (Sandstone)” Mine at Araj/Gata no.- 185, Village– Kanchanpur, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh, (Leased Area- 1.315 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/432731/2023	
2.	File No. allotted by SEIAA, UP	7972	
3.	Name of Proponent	Shri Shyamji Singh	
4.	Full correspondence address of proponent and E-mail Id	R/o-Ben Tiaryi, Chakiya, District- Chandauli, Uttar Pradesh Email: shyamjisingh5418@gmail.com	
5.	Name of Project	“Building stone (Sandstone)” Mine at Gata No.- 185, Village– Kanchanpur, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh.	
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.-185, Village– Kanchanpur, Tehsil- Chunar, District– Mirzapur, Uttar Pradesh.	
7.	Name of River	NA	
8.	Name of Village	Kanchanpur	
9.	Tehsil	Chunar	
10.	District	Mirzapur	
11.	Name of Minor Mineral	Building Stone (Sandstone)	
12.	Sanctioned Lease Area (in Ha.)	1.315 ha.	
13.	Max. & Min mRL within lease area	Highest mRL is 101.0 & Lowest is 98.0 mRL	
14.	Pillar Coordinates (Verified by DMO)	GPS Co-ordinates are-	
		Pillars	N E
		A	25°02'18.80"N 83°02'42.18"E
		B	25°02'19.71"N 83°02'45.35"E
		C	25°02'13.89"N 83°02'47.44"E
		D	25°02'13.39"N 83°02'45.83"E
15.	Total Geological Reserves	7,59,075 m ³	
16.	Total Mineable Reserve (as per Approved Mine Plan)	2,34,378 m ³	
17.	Total Proposed Production	1,97,250 m ³ in 5 Years	
18.	Proposed Production/year	39,450 m ³ /year	
19.	Sanctioned Period of Mine lease	20 years	
20.	Method of Mining	Opencast, Semi-Mechanized	
21.	Working hours/day	8	
22.	No. of worker	52	
23.	Type of Land	Govt. land	
24.	Ultimate of Depth of Mining	Upto 60 mRL	
25.	Nearest metalled road from site	400 m	
26.	Water Requirement	PURPOSE	PURPOSE
		Drinking	0.52 KLD
		Suppression of dust	2.60 KLD
		Plantation	0.50 KLD
		Total	3.62 KLD
27.	Name of QCI Accredited Consultant with	AWS Envirotech (OPC) Pvt. Ltd.	

	QCI No and period of validity.	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. 4555/M.M.C.-30/2022-23 Dated on 20.05.2023
30.	Details of Lease Area in approved DSR	Lease area is mentioned at page no. 57, Sl. no. 114 in approved DSR
31.	Proposed CER cost	Rs. 1.68 Lakhs
32.	EMP cost	EMP cost is 7.15 lakhs as capital cost and 4.77 lakhs as recurring cost
33.	Distance of Haul Road	400 m
34.	No. of Trees to be Planted	250

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

The consultant (EIA Coordinator) also submitted an affidavit dated 02/06/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared TOR project report for the “Building stone (Sandstone)” Mine at Araj/Gata no.-185, Village– Kanchanpur, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh, (Leased Area-1.315 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

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

Additional TOR:

1. During the EIA presentation latest KML of site pillar should be presented.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and

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

4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
 5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
 6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
 7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 11. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
 15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
6. **Sand/Morrum Mine from Riverbed of Betwa River, Village- Ichchaura Jhitkari (Khand No. 25/2, Area-18.370 Ha.) Tehsil- Sarila, District- Hamirpur, Shri Tejinder Pal Singh Ghumman, M/s Digiana Industries., File No. 7986/ Proposal No. SIA/UP/MIN/433532/2023**

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. **Building stone (Sandstone)" Mine at Arazi/Gata No.- 1, Lease area- 0.809 ha., Village- Dhuria, Tehsil- Chunar, District- Mirzapur, Shri Surendra Pratap Singh, M/s Yathartha Enterprises, Area- 0.809 Ha., File No. 7996/ Proposal No. SIA/UP/MIN/432368/2023**

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 “Building stone (Sandstone)” Mine at Araj/Gata no.- 1, Village– Dhuria, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh, (Leased Area- 0.809 ha.), M/s Yathartha Enterprises.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/432368/2023																	
2.	File No. allotted by SEIAA, UP	7996																	
3.	Name of Proponent	M/s Yathartha Enterprises (Shri Surendra Pratap Singh)																	
4.	Full correspondence address of proponent and E-mail Id	R/o- Pahadpur, Sahebganj, Chakia, District- Chandauli, Uttar Pradesh Email: surendrapratapsingh5418@gmail.com																	
5.	Name of Project	“Building stone (Sandstone)” Mine at Gata No.- 1, Village– Dhuria, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh.																	
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.-1, Village– Dhuria, Tehsil- Chunar, District– Mirzapur, Uttar Pradesh.																	
7.	Name of River	NA																	
8.	Name of Village	Dhuria																	
9.	Tehsil	Chunar																	
10.	District	Mirzapur																	
11.	Name of Minor Mineral	Building Stone (Sandstone)																	
12.	Sanctioned Lease Area (in Ha.)	0.809 ha.																	
13.	Max. & Min mRL within lease area	Highest mRL is 103.0 & Lowest is 97.0 mRL																	
14.	Pillar Coordinates (Verified by DMO)	GPS Co-ordinates are- <table><tr><td>Pillars</td><td>N</td><td>E</td></tr><tr><td>A</td><td>25°03'42.87"N</td><td>83°02'30.87"E</td></tr><tr><td>B</td><td>25°03'42.59"N</td><td>83°02'34.34"E</td></tr><tr><td>C</td><td>25°03'40.83"N</td><td>83°02'34.12"E</td></tr><tr><td>D</td><td>25°03'37.80"N</td><td>83°02'33.07"E</td></tr></table>			Pillars	N	E	A	25°03'42.87"N	83°02'30.87"E	B	25°03'42.59"N	83°02'34.34"E	C	25°03'40.83"N	83°02'34.12"E	D	25°03'37.80"N	83°02'33.07"E
Pillars	N	E																	
A	25°03'42.87"N	83°02'30.87"E																	
B	25°03'42.59"N	83°02'34.34"E																	
C	25°03'40.83"N	83°02'34.12"E																	
D	25°03'37.80"N	83°02'33.07"E																	
15.	Total Geological Reserves	4,78,299 m ³																	
16.	Total Mineable Reserve (as per Approved Mine Plan)	1,41,774 m ³																	
17.	Total Proposed Production	1,21,350 m ³ in 5 Years																	
18.	Proposed Production/year	24,270 m ³ /year																	
19.	Sanctioned Period of Mine lease	10 years																	
20.	Method of Mining	Opencast, Semi-Mechanized																	
21.	Working hours/day	8																	
22.	No. of worker	52																	
23.	Type of Land	Govt. land																	
24.	Ultimate of Depth of Mining	Upto 60 mRL																	
25.	Nearest metalled road from site	250 km																	
26.	Water Requirement	PURPOSE		PURPOSE															
		Drinking		0.52 KLD															
		Suppression of dust		2.0 KLD															
		Plantation		0.50 KLD															
		Total		3.02 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. 4763/M.M.C.-30/2022-23 Dated on 07.06.2023																	
30.	Details of Lease Area in approved DSR	Lease area is mentioned at page no. 49, Sl no. 73 in approved DSR																	

31.	Proposed CER cost	Rs. 1.66 Lakhs
32.	EMP cost	EMP cost is 6.25 lakhs as capital cost and 3.87 lakhs as recurring cost
33.	Distance of Haul Road	250 m
34.	No. of Trees to be Planted	250

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 07/06/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared TOR project report for the “Building stone (Sandstone)” Mine at Araji/Gata no.- 1, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area- 0.809 ha.), M/s Yathartha 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 TOR presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 07

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

Additional TOR:

1. During the EIA presentation latest KML of site pillar should be presented.
2. Original Cluster Certificate should be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.

5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
 6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
 7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 11. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
 15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
8. **Building stone or Sand Stone Khanda, Boulder, Gitti Mine at Arazi No 1006, Village-Sariya, Tehsil- Chunar, District- Mirzapur, Shri Akhilesh Kumar Singh, Area 1.21 ha., File No. 7998/ Proposal No. SIA/UP/MIN/433722/2023**

RESOLUTION AGAINST AGENDA NO. 08

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.

9. **Expansion of existing Sugar unit from 10,000 TCD to 12,000 TCD along with expansion of existing co gen power capacity from 20 MW to 32.7 MW within existing industry premises at village-Kumbhi, Tehsil: Gola Gokarannath District- Lakhimpur Kheri, M/s Balrampur Chini Mills Ltd, (Unit: Kumbhi, Division: Sugar), File No. 8000/Proposal No. SIA/UP/IND2/433855/2023**

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

1. The terms of reference is sought for Expansion of existing Sugar unit from 10,000 TCD to 12,000 TCD along with expansion of existing co-gen power capacity from 20 MW to 32.7 MW within existing industry premises at village-Kumbhi, Tehsil: Gola Gokarannath District– Lakhimpur Kheri, U.P., M/s Balrampur Chini Mills Ltd, (Unit: Kumbhi, Division: Sugar).
2. Salient features of the project as submitted by the project proponent:

S.N.	Attributes	Expansion of Existing Sugar		
1.	Proposed capacity of Plant	Expansion of existing Sugar Unit from 10,000 TCD to 12,000 TCD along with expansion of existing co gen power capacity from 20.0 MW to 32.7 MW within existing industry premises at village-Kumbhi, Tehsil-Gola Gokarannath & District– Lakhimpur Kheri, Uttar Pradesh.		
2.	Total project cost	Rs 301.38 Crores (After Expansion)		
3.	Total project area	Existing Land area	Proposed Expansion	Total After expansion
		66.87 Ha (165.270 Acre)	No Change	66.87 Ha (165.270 Acre)
4.	Category of Project	Category : B and Schedule : 5 (j)		
5.	Process Involve	Cane Milling, Steam Generation (Boiler), Juice Clarification, Evaporation, Crystallization and Centrifugation then Packaging and Electricity generation from Steam.		
6.	No of Working Days	Season (Approx : 200 Days)		
7.	Raw material and its Quantity	Existing	Proposed Expansion	After Expansion
		Sugar Cane 10000 TCD Crushing	Sugar Cane 2000 TCD Crushing	Sugar Cane 12000 TCD Crushing
8.	Product and its Quantity	1050 MT/Day	250 MT/Day	1300 MT/Day
9.	Molasses (By Product)	600 MT/Day	120 MT/Day	720 MT/Day
10.	Bagasse (By Product)	2700 MT/Day	540 MT/Day	3240 MT/Day
11.	Press Mud (By Product)	350 MT/Day	70 MT/Day	420 MT/Day
12.	Co gen power generation	20.0 MW	12.7 MW	32.7 MW
13.	Fresh Water Requirement (Industrial)	1700 KLD (@0.17 KL/T of Cane)	-	1700 KLD (@0.14 KL/T of Cane)
14.	Fresh Water Requirement (Domestic)	300 KLD	-	300 KLD
15.	Power requirement	14.0 MW	2.75 MW	16.75 MW
16.	Fuel and its quantity	Bagasse : 2820 TPD (No Change)		
17.	Steam requirement	155 TPH	35 TPH	190 TPH
18.	Number of boiler proposed	Three (03) numbers boiler of capacity 90 TPH, 90 TPH & 55 TPH	Nil	Existing boiler is sufficient to meet the requirement after expansion also.
19.	Air Pollution Control Device	Existing Wet Scrubber (03 Nos) attached to existing boilers	Nil	Existing Wet Scrubbers will be utilised for Air Pollution Control.
20.	Number of Stack	Existing 3 No of stack of height – 72, 72 & 40 meters	-	Existing Stack will be used. No new Stack proposed.
21.	Waste Water Generation	Industrial : After Expansion Approx. : 2400 KLD waste water will be generated and will be treated in adequate ETP. Treated water will be discharge into surface water body. Domestic : Approx. : 180 KLD waste water will be treated in Sewage Treatment Plant of capacity 220 KLD.		
22.	Attributes	Expansion of existing Sugar Unit		
23.	Waste Water treatment	Existing : Effluent is being treated through Activated Sludge Process. After Proposed Expansion : Effluent is being treated through activated sludge process. ETP comprises of Bar Screen, Oil & Grease trap, Chemical		

		mixing, Equalization, primary Clarifier, Aeration, Secondary clarifier, MGE, ACF and Sludge Drying beds.			
24.	Waste Water Discharge	Treated water will be discharge after treatment and also be used for horticulture within premises. Treated water will be comply with the Discharge Standard of MOEF, G.S.R. 35(E), dated 14th January 2016.			
25.	Solid Waste Generation	Name of Solid waste	Existing capacity	Total After Expansion	Management Plan
		Boiler ash	50.76 MT/Day	50.76 MT/Day (No Change)	Boiler ash is being / will be supplied to the brick manufacturer.
		ETP Sludge	1.0 MT/Day	1.2 MT/Day	ETP Sludge is being / will be given to the farmers.
		Press Mud	350 MT/Day	420 MT/Day	Press mud will be given to the farmers
26.	Green Belt Development	Approx. 33 % of total green belt will be development and maintained.			
27.	Total Cost for the proposed project	Existing Cost - Rs 199.83 Cr. Cost for proposed expansion: Rs 101.55 Crores. Total Cost after expansion : Rs 301.38 Crores.			
28.	Cost for Environmental Protection Measures	Capital Cost after proposed expansion : Rs 1000 Lakhs Recurring cost after expansion : Rs 560 Lakhs			
29.	CER expenses	Rs 1.53 Crores proposed against the CER.			

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

The consultant (EIA Coordinator) also submitted an affidavit dated 20/06/2023 mentioning is as follows:

1. I, Anubhav Singh, S/o Sri Bhupendra Pratap Singh is EIA Coordinator of M/s Environmental and Technical Research Centre.
2. I have prepared TOR project report for the Expansion of existing Sugar unit from 10,000 TCD to 12,000 TCD along with expansion of existing co-gen power capacity from 20 MW to 32.7 MW within existing industry premises at village-Kumbhi, Tehsil: Gola Gokarannath District-Lakhimpur Kheri, U.P., M/s Balrampur Chini Mills Ltd, (Unit: Kumbhi, Division: Sugar) with my team.
3. I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for TOR presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The Form-1 and PFR for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO-09

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

- 1) Certified compliance report from IRO, MoEFCC, Lucknow for the existing environmental clearance should be provided at the time of EIA presentation.
- 2) Drone photography of the area should be submitted.
- 3) Results of waste water analysis before and after treatment should be submitted.
- 4) Executive Summary
- 5) Introduction:
 - i. Details of the EIA Consultant including NABET accreditation

- ii. Information about the project proponent
 - iii. Importance and benefits of the project
- 6) Project Description:
- i. Cost of project and time of completion.
 - ii. Products with capacities for the proposed project.
 - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
 - iv. List of raw materials required and their source along with mode of transportation.
 - v. Other chemicals and materials required with quantities and storage capacities
 - vi. Details of Emission, effluents, hazardous waste generation and their management.
 - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
 - viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided.
 - ix. Hazard identification and details of proposed safety systems.
 - x. Expansion/modernization proposals:
 - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.
- 7) Site Details:
- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
 - ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
 - iii. Details w.r.t. option analysis for selection of site
 - iv. Co-ordinates (lat-long) of all four corners of the site.
 - v. Google map-Earth downloaded of the project site.
 - vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
 - vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
 - viii. Landuse break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
 - ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
 - x. Geological features and Geo-hydrological status of the study area shall be included.
 - xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field

- projects)
 - xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
 - xiii. R&R details in respect of land in line with state Government policy.
- 8) Forest and wildlife related issues (if applicable):
- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
 - ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha)
 - iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
 - iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon
 - v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule-I fauna, if any exists in the study area
 - vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.
- 9) Environmental Status:
- i. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
 - ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO₂, NO_x, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
 - iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
 - iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
 - v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
 - vi. Ground water monitoring at minimum at 8 locations shall be included.
 - vii. Noise levels monitoring at 8 locations within the study area.
 - viii. Soil Characteristic as per CPCB guidelines.
 - ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
 - x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule- I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
 - xi. Socio-economic status of the study area.
- 10) Impact and Environment Management Plan:
- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation

- nearby, sensitive receptors, if any.
 - ii. Water Quality modelling - in case of discharge in water body
 - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor- cum-rail transport shall be examined.
 - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under EP Rules.
 - v. Details of stack emission and action plan for control of emissions to meet standards.
 - vi. Measures for fugitive emission control
 - vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
 - viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
 - ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
 - x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
 - xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
 - xii. Action plan for post-project environmental monitoring shall be submitted.
 - xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.
- 11) Occupational health:
- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
 - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
 - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
 - iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
- 12) Corporate Environment Policy:
- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
 - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
 - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
 - iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at

- large? This reporting mechanism shall be detailed in the EIA report
- 13) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
 - 14) Enterprise Social Commitment (ESC):
 - i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
 - 15) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
 - 16) A tabular chart with index for point wise compliance of above TOR.
 - 17) Complete process flow diagram describing each unit, its processes and operations in production of sugar, along with material and energy inputs and outputs (material and energy balance).
 - 18) Details on water balance including quantity of effluent generated, recycled & reused. Efforts to minimize effluent is charge and to maintain quality of receiving water body.
 - 19) Details of effluent treatment plant, inlet and treated water quality with specific efficiency of each treatment unit in reduction in respect to fall concerned / regulated environmental parameters.
 - 20) Number of working days of the sugar production unit.
 - 21) Details of the use of steam from the boiler.
 - 22) Details of proposed source-specific pollution control schemes and equipments to meet the national standards.
 - 23) Collection, storage, handling and transportation of molasses,
 - 24) Collection, storage and handling of bagasse and press mud.
 - 25) Fly ash management plan for coal based and bagasse and action plan
 - 26) Details on water quality parameters such as Temperature, Colour, pH, BOD, COD, Total Kjeldhal Nitrogen, Phosphates, Oil & Grease, Total Suspended Solids, Total Coli form bacteria etc.
 - 27) Details on existing ambient air quality and expected, stack and fugitive emissions for PM₁₀, PM_{2.5}, SO₂, NO_x, etc., and evaluation of the adequacy of the proposed pollution control devices to meet standards for point sources and to meet AAQ standards.

(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

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-2

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.