

Minutes of 700th SEAC-2 Meeting Dated 10/11/2022

The 700th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 10/11/2022. Following members participated in the meeting:

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

The Chairman welcomed the members to the 700th 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. Building Stone (Gitti, Boulder, Khanda) Sand Stone mine at Araj No./Plot No./Gata No.- 2061, Khand No.-1B, Village – Bhatauti, Tehsil- Meja, District- Prayagraj, M/s Maa Pitambara Traders, Santoshi Singh Area-8.097 ha. 7288/6973/Proposal No. SIA/UP/MIN/402970/2022

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

1. The environmental clearance is sought for Building Stone (Gitti, Boulder, Khanda) Sand Stone mine at Araj No.- 2061, Khand No.-1B, Village – Bhatauti, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 8.097 ha) M/s Maa Pitambara Traders.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 90/Parya/SEIAA/6973/2022, dated 27/05/2022.
3. The Public Hearing was organized on 27/08/2022 at Tehsil-Meja, District-Prayagraj. Final EIA Report was submitted by the Project Proponent on 14/10/2021
4. Salient features of the project as submitted by the project proponent:

1.	File No. allotted by SEIAA, UP	7288/6973
2.	Name of Proponent	M/s Maa Pitambara Traders Santoshi Singh (Prop)
3.	Full correspondence address of proponent and mobile no.	W/o Shri Deepak Kumar Singh R/o: 12, Hanumanbag Colony Mamfordganj Thana- Colonelganj, Tehsil- Sadar, District- Prayagraj-U.P. 211002 Mobile no. – 9415221303 E mail ID - nirmalstone12@gmail.com
4.	Name of Project	Building Stone (Gitti, Boulder, Khanda) Sand Stone mine at Araj No./Plot No./Gata No.- 2061, Khand No.-1B, Area 8.097 ha (20.0 Acres) at Village – Bhatauti, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Maa Pitambara Traders
5.	Project Location (Plot. Khasra/Gata No.)	Gata No.- 2061, Khand No.-1B
6.	Name of River	Building Project Nearest River Tons River- 2.27 km (NW)

7.	Name of Village	Village – Bhatauti			
8.	Tehsil	Meja			
9.	District	Prayagraj			
10.	Name of Minor Mineral	Building Stone (Gitti, Boulder, Khanda) Sand Stone			
11.	Sanctioned Lease Area (in Ha.)	8.097 ha			
12.	Max. & Min mRL within lease area	Highest mRL -108.40 mRL Lowest mRL- 99.20 mRL			
13.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude	
		A	25°09'09.86"N	82° 02'08.02"E	
		B	25°09'08.45"N	82° 02'19.33"E	
		C	25°09'01.62"N	82° 02'17.61"E	
		D	25°09'03.69"N	82° 02'10.76"E	
		E	25°09'00.54"N	82° 02'10.47"E	
		F	25°09'02.83"N	82° 02'04.22"E	
14.	Total Geological Reserves	27,70,229 m ³			
15.	Total Mineable Reserve	15,20,088 m ³			
16.	Total Proposed Production	4,04,850 m ³ (5 years)			
17.	Proposed Production /year (as per LoI)	80,970 m ³ /annum or 2,26,716 TPA			
18.	Sanctioned Period of Mine lease	Plan Period 5 years			
19.	Method of Mining	Opencast, /Semi-mechanized method			
20.	No. of worker	47			
21.	No. of vehicles movement/day	33			
22.	Type of Land	Govt./Non Forest Land			
23.	Depth of Mining	6.0 m			
24.	Nearest metalled road from site	0.15 km			
25.	Water Requirement	PURPOSE			
		Drinking	- 0.47 KLD		
		Suppression of dust	- 1.80 KLD		
		Plantation	- 9.00 KLD		
		Others (if any)	- 0.00 KLD		
		Total	- 11.50 KLD		
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024			
27.	Any litigation pending against the project or land in any court	No			
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 4897/Khanij/2021-22, dated - 04/02/2022			
29.	Details of Lease Area in approved DSR	Serial no. 405, Page no. 39			
30.	Project Cost	1.40 Crore			
31.	Proposed CER cost	2.80 Lacs			
32.	Length and breadth of Haul Road	Length – 0.15 km, Breadth – 6.00 m			
33.	No. of Trees to be Planted	9,000			

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

The consultant (EIA Coordinator) also submitted an affidavit dated 07/11/2022 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA/EMP report for the Building Stone (Gitti, Boulder, Khanda) Sand Stone mine at Araj No.- 2061, Khand No.-1B, Village – Bhatauti, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 8.097 ha) M/s Maa Pitambara Traders, Proposal no. SIA/UP/MIN/402970/2022 with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guideline 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-1 to these minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.

10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
11. The project proponent should explore the possibilities of rainwater harvesting.
12. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
13. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
14. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department

2. Riverbed morrum mining project from Yamuna River of Mohd. Arshad Siddiqui located at Gata No. 649 to 659 (Khand No. 10/10 to 10/13), Village- Kataiya, Tehsil - Chail, District - Kaushambi, Mohd Siddiqui. 7290/Proposal No. SIA/UP/MIN/400832/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) 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 River bed Sand/Morrum mining Project from River Yamuna at Gata No.- 649 to 659 (Khand No.- 10/10 to 10/13), Village- Kataiya, Tehsil - Chail, District - Kaushambi, U.P., (Leased Area : 20.0 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/400832/2022		
2. File No. allotted by SEIAA, UP	7290		
3. Name of Proponent	Mohd. Arshad Siddiqui Authorized Signatory - Mohd. Arshad Siddiqui		
4. Full correspondence address of proponent and mobile no.	Mohd. Arshad Siddiqui Proprietor- Mohd. Arshad Siddiqui S/o Late Akhtar Hussain R/o Ward No. 8, Hazratganj, Chail Khas, Chail, District- Kaushambi, U.P.		
5. Name of Project	Morrum Excavation		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 649 to 659 (Khand No. 10/10 to 10/13)		
7. Name of River	Yamuna River		
8. Name of Village	Kataiya		
9. Tehsil	Chail		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	20.00 ha		
13. Mineable Area (in ha)	8.60 ha		
14. Zero level mRL	74 mRL		
15. Max. & Min mRL within lease area	77 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Pillar	Latitude (N)	Longitude (E)
	A	25°16'41.275"N	81°30'42.044"E
	B	25°16'47.355"N	81°30'58.781"E
	C	25°16'35.395"N	81°31'04.256"E
	D	25°16'28.988"N	81°30'46.595"E
	Workable Area		
	Pillar	Latitude (N)	Longitude (E)
	C	25°16'35.395"N	81°31'04.256"E
	D	25°16'28.988"N	81°30'46.595"E
	E	25°16'33.61"N	81°30'44.89"E
	F	25°16'37.02"N	81°30'48.91"E

	G	25°16'38.84"N	81°30'52.78"E
	H	25°16'36.03"N	81°30'53.62"E
	I	25°16'39.50"N	81°31'2.39"E
	Non-workable Area		
	Pillar	Latitude (N)	Longitude (E)
	A	25°16'41.275"N	81°30'42.044"E
	B	25°16'47.355"N	81°30'58.781"E
	I	25°16'39.50"N	81°31'2.39"E
	H	25°16'36.03"N	81°30'53.62"E
	G	25°16'38.84"N	81°30'52.78"E
	F	25°16'37.02"N	81°30'48.91"E
	E	25°16'33.61"N	81°30'44.89"E
17. Total Geological Reserves	2,93,843 m ³		
18. Total Mineable Reserves in LOI	1,65,000 m ³ /year		
19. Total Proposed Production	1,65,000 m ³ /year (8,25,000 m ³ in 05 years)		
20. Proposed Production/year	1,65,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Method of Mining	Opencast semi-mechanized		
23. No. of working days	275 days		
24. Working hours/day	12 hours		
25. No. of workers	Approximately 52 labours		
26. No. of vehicles movement/day	43 units		
27. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
28. Ultimate Depth of Mining	2.0 m		
29. Nearest metalled road from site	MDR- 5.5 km (N)		
30. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.52
	Suppression of dust		3.84
	Plantation		0.50
	Total		4.86 KLD
	Others (Stored water)		0.10
	Sub-Total		4.96 KLD
31. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/2124/RA 0218 and Valid till 26/02/2024.		
32. Any litigation pending against the project or land in any court	None		
33. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by District Mines Officer, Kaushambi Letter No. 475/ [kuu lgk;d dkS0 dated 27.07.2022		
34. Details of Lease Area in approved DSR	S. No.04 in corrigendum approved vide letter no. 709/M-228/2017 (Khanan Neeti)-DSR dated 29.11.2021		
35. Proposed CER cost	2% of total project cost i.e. Rs. 8,32,470/-		
36. Proposed EMP cost/ Total Project Cost	Rs. 41,79,750/- & 4,16,23,500/- respectively		
37. Length and Width of Haul Road	Unpaved Length 0.32 km and 6 m width		
38. No. of Trees to be Planted	1,000 saplings		

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 20/06/2022 mentioning is

as follows:

1. I, Atulesh Kumar, S/o Sri Rajnath am EIA Coordinator of M/s ENV Development Assistance Systems (I) Pvt. Ltd.
2. I have prepared ToR report for the Proposal no. SIA/UP/MIN/400832/2022 & File No. 7290 with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application/EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 02

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

Additional TOR:

1. In compliance of Hon'ble NGT Order dated 06.05.2022, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in for 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.
4. EIA coordinator & FAE should give a photo 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. Combined KML of all mines in a cluster should be submitted at the time of EIA.
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. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
8. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
9. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
10. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.

11. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
12. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

3. Residential Project “Vinayak Platina” at Arazi No. 555, 557 & 557/617, 561 Mauza-Sheopurwa, Pargana-Dehat Amanat, Dist.- Varanasi, M/s Shreenath Ji Dwellings LLP, 7174/Proposal No. SIA/UP/INFRA2/403762/2022

The committee was informed that an application dated 20/05/2022 (Proposal No. SIA/UP/MIS/77067/2022) was made by the project proponent M/s Shreenath Ji Dwellings LLP for environmental clearance of “Group Housing Project “Vinayak Platina” at Arazi No.- 555, 557 & 557/617, 561 Mauza- Sheopurwa, Pargana-Dehat Amanat, District- Varanasi, U.P.” under violation category as per procedure laid down in MoEF&CC, Govt. of India Office Memorandum dated 7th July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

The committee was also informed that approximately 65% of construction work has already been completed by the project proponent without obtaining prior environmental clearance. The Project proponent has submitted project Cost Certificate issued by Chartered Accountants, Shah Mukul & Associates, dated 15/04/2022 stating total project cost incurred is Rs. 46,53,89,260.

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

The committee was informed by the Secretariat that as per records available, no complaint has been received in the Directorate of Environment, UP till this date of meeting against the said project regarding starting of construction work at site without obtaining prior environmental clearance. SEAC-2 during the meeting also informed that they did not receive any complaint regarding the project.

In view of the above, as per violation SoP dated 07/07/2021 the imposed penalty of Rs. 23,26,946/- (Rs. Twenty three lakhs twenty six thousands nine hundred forty six only) (0.5% of total project cost incurred up to 15/04/2022) on project proponent which has to be deposited with UPPCB before filling of EIA Report. In case it comes to notice of SEIAA/ SEAC that any complaint is received from any person/institution/departments/ organization prior to suo-moto declaration of the project proponent then penalty will be increased to 1% as per SoP/OM dated 7th July, 2021.

The committee also directed the project proponent will not start operation at the site until the Environmental Clearance is granted as per section 11 of standard operating procedure (SoP) for identification and handling of violation case under EIA Notification, 2006.

The terms of reference for the project proposal was issued by SEIAA vide letter no. 223/Parya/SEIAA/7112/2022, dated 17/10/2022. EIA report submitted by the project proponent through online Parivesh Portal vide (Proposal no. SIA/UP/INFRA2/403762/2022, SEIAA File No. 7112) on 21/10/2022.

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

1. The environmental clearance is sought for Residential Project “Vinayak Platina” at Arazi No. 555, 557 & 557/617, 561, Mauza- Sheopurwa, Pargana-Dehat Amanat, District- Varanasi, U.P
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 219/Parya/SEIAA/7174/2022, dated 12/10/2022.
3. Area details of the project:

Sl. No	Details	Area
1.	Type of Building	Residential Building
2.	Net Plot Area	10177.85 m ²
3.	Ground Coverage Permissible	4071.14 m ² (40%)
4.	Ground Coverage Proposed	2746.187 m ² (26.98%)
5.	Green area required	1526.67 m ² (15%)
6.	Green area provided	1527.06 m ² (15%)
7.	Permissible FAR	27487.37 m ²
8.	Residential FAR Block-B Block-C Block-D Total	10076.58 m ² 10001.66 m ² 6887.4 m ² 26965.64 m ²
9.	Basement Stilt Services Non Far Area	7154.41 m ² 1377.08 m ² 291.7937.60 m ² 8823.19 m ²
10.	Built Up Area	27,257.34 m ²
11.	No. of Units	196 Units

4. Land use details:

Sl. No	Details	Area (m ²)	Percentage (%)
1.	Ground Coverage	2746.18	26.98
2.	Green area	1527.06	15
3.	Internal road circulation and other services	5904.61	58.02
4.	Total	10,177.85	100

5. Water/ Waste water Details:

Water/ Waste water Details	
Fresh Water	92 KLD (can be increased to 100 KLD)
Flushing	46KLD
Horticulture / Landscape	8 KLD
Total water requirement	146 KLD
Recycled water	54 KLD
Source of water –Municipal supply, and Recycled Water Waste water: Approximately 110 KLD waste water will be produced during operation phase which will be treated in the onsite STP of 135 KLD and re-circulated for the low end uses (Flushing, and horticulture). STP Technology: MBBR Location: Basement	

6. Water Requirement Calculation Details:

S. No.	Water Description	unit/Area (in m ²)	Total Occupancy	Rate of water demand (lpcd)	Total Fresh Water (KLD)	Total Flushing/Recycled water (KLD)	Total Water Requirement (KLD)
1.	Residential	196 units	980	Fresh Water @ 90 LPCD	89	44	133

				Flushing Water @ 45LPCD			
2.	Visitors (10% of total residential population)		98	Fresh Water @ 5 LPCD Flushing Water @ 10 LPCD	0.5	1	1.5
3.	Staff (5% of total residential population) + Staff @ shop	--	60	Fresh Water @ 30 LPCD Flushing Water @ 15 LPCD	2	1	3
Total Domestic water					91.5	46	137.5
4.	Landscape	1527.06 m ²		Non-monsoon@51/m ²		8	8
				Monsoon@ 0.5 LPD/SQM		~1 KLD	
Total Water demand					91.5	54	145.5
					Grand Total ~146 KLD		

7. Solid waste generation details:

Sl.No.	Particulars	Population	Waste generated in kg/day
1	Residential (@0.5kg/day)	980	490
2	Visitors (@0.15kg/day)	98	15
3	Staff (@ 0.25kg/day) including commercial	49	12
Total Solid waste generated			517 kg/day
Horticulture Waste (@ .0037/sq/day)		1527.06 m ²	6 kg/day
E-Waste (0.15 kg/C/Yr)			229kg/yr ~1kg/day
STP sludge (0.04kg/KLD of waste water)			Approx.4kg/day

8. Parking Details:

Parking Required		
	Units	ECS
Residential- @1.25ECS/flat	196	245
Guest Parking- 10% of residential ECS		24.5
Total Parking Required		270
Parking Provided		
	Area	ECS
1. Basement Area- @ 32sqm/ECS	6968.2	217.76
2. Stilt floor- @ 28sqm/ECS	1377.08	49.18
3. Open Area- @ 23sqm/ECS	261.29	11.36
Total Parking Provided		279

9. Expenditure of Proposed Remediation Cost:

Activity	Remark	Total (INR)	First Year (INR)	Second Year (INR)	Third Year (INR)
1. Environmental Management					
Plantation of trees	Plantation of trees near the project site along the roadside area in the Mahmoorganj locality of Rathyatra	4,00,000	2,00,000	1,00,000	1,00,000
2. Community resource development					
Providing Help to Municipal authority in Cleanliness	In and around the Mahmoorganj locality of	3,00,000	1,00,000	1,00,000	1,00,000

	Rathyatra				
3. Natural resources augmentation					
Solar street light /LED	In nearby road side Mahmoorganj area	3,23,891	2,00,000	1,43,891	-
Total remediation cost (1+2+3)		10,23,891	5,00,000	3,43,891	2,00,000

10. The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended) and MoEF&CC, violation SoP/Office Memorandum dated 07/07/2021 for the violation project.

The consultant (EIA Coordinator) also submitted an affidavit dated 02/11/2022 mentioning is as follows:

1. I, Ipsita Pande, W/o Ankit Pande is EIA Coordinator of M/s ENV DAS (India) Pvt. Ltd., Lucknow.
2. I have prepared EIA report for the proposal SIA/UP/INFRA2/403762/2022 and file no. 7301-7112 with my team.
3. I have personally visited the site of project proposal and certify that approx. 65% activity has been completed for the present proposal.
4. I am satisfied with that all the necessary data/information required for EIA preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. I state that this is a violation case submitted as per Standard Operating Procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006 in compliance to order of Hon'ble National Green Tribunal in O.A. No. 34/2020, dated 07/07/2021.
8. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 03

M/s Sreenathji Dwellings LLP, D-59/44, Rathyatra Mahmoorganj Main Road, Varanasi informed that proponent vide letter dated 03/09/2022 in compliance of TOR Reference 223/Parya/SEIAA/7112/2022 dated 17/10/2022 additional TOR conditions serial no 1 deposited the penalty amount through draft for Rs. 23,26,946.30 No. 032376 dated 02/09/2022 in UPPCB.

The committee discussed the matter in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended grant of environmental clearance (subject to submission of bank guarantee of Rs. 10,23,891 /- equivalent to the amount of remediation plan and natural and community resource augmentation plan to UPPCB) on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

1. The project proponent shall be submit a bank guarantee of Rs. 10,23,891 /- equivalent to the amount of remediation plan and natural and community resource augmentation plan to the SPCB. The bank guarantee shall be released after successful implementation of the EMP, and after the recommendations of the concerned Regional Office of the Ministry, the SEAC and approval of the regulatory authority.

2. The State Govt./SPCB to take action against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
6. The proponent should provide the electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
7. The project proponent should develop the green belt as per the plan submitted/Varanasi Development Authority norms in the project.
8. Proponent shall provide the dual pipeline network in the project for utilisation of treated water (STP) for different purposes and also provide the monitoring mechanism for the same.
9. The Project proponent is required to take permission in case of discharging/utilising treated water (STP) outside the premises. The permission shall be obtained from the Competent Authority.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. Statutory compliance:
 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purposes involved in the project.
 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.

3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
4. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
5. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7. Wet jet shall be provided for grinding and stone cutting.
8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
10. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
11. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.

8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
 1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

5. Energy Conservation measures:
 1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 2. Outdoor and common area lighting shall be LED.
 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
 4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
 5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
 6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
 8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
 9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
 10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
 1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).

2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
 1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
 2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
 3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
 1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
 2. For indoor air quality the ventilation provisions as per National Building Code of India.
 3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
 5. Occupational health surveillance of the workers shall be done on a regular basis.
 6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
 1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
 2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined

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

3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

11. Miscellaneous:

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

Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

4. Group Housing Project “Excella Kutumb” located at khasra No. 2678/1, 2688/2, 2692/1, 2695/1, 2677, 2693, 2694, 2677, 2833/2, 2834, 2837 Sa, 2675 Sa, 2677, Village-Bakkas, Tehsil-Mohanlalganj, District- Lucknow, U.P., M/s ABC Infra Promoters Pvt. Ltd /Consortium. 7299/Proposal No. SIA/UP/403062/2022

The Secretariat informed the committee that earlier in 2016 the project proponent M/s ABC Infra Promoters Pvt. Ltd /Consortium submitted an application dated 27/12/2016/2016 (Proposal No. SIA/UP/NCP/61345/2016, File No. 3815) for environmental clearance of “Group Housing Project “Excella Kutumb” at khasra No. 2678/1, 2688/2, 2692/1, 2695/1, 2677, 2693, 2694, 2677, 2833/2, 2834, 2837 Sa, 2675 Sa, 2677, Village-Bakkas, Tehsil-Mohanlalganj, District- Lucknow, U.P.”. The matter was appraised by the SEAC and raised some queries regarding the project proposal. The project proponent did not submit the reply of queries raised by SEAC.

The project proponent again submitted an application dated 19/12/2021 (Proposal No. SIA/UP/NCP/199015/2021, File No. 6210) for environmental clearance of “Group Housing Project “Excella Kutumb” at khasra No. 2678/1, 2688/2, 2692/1, 2695/1, 2677, 2693, 2694, 2677, 2833/2, 2834, 2837 Sa, 2675 Sa, 2677, Village-Bakkas, Tehsil-Mohanlalganj, District- Lucknow, U.P.”. The matter was listed for appraisal in 552nd SEAC meeting dated 23/07/2021 and recommended for grant of environmental clearance along with general and specific conditions. A complaint letter has been received at Govt. of U.P. regarding start of construction work at the site without obtaining prior environmental clearance.

The project proponent submit the withdrawal application to Member Secretary, SEIAA for the earlier environmental clearance application submitted to SEIAA, U.P. vide Proposal No. (Proposal No. SIA/UP/NCP/61345/2016, File No. 3815) and Proposal No. SIA/UP/NCP/199015/2021, File No. 6210) SIA/UP/NCP/55670/2016. Member Secretary, SEIAA allow the withdrawal applications as per rules on 19/09/2022.

Environment Department, Govt. of U.P. sent a letter no. 46/81-6-2022, dated 01/09/2022 mentioned that if the project proponent submit the above project proposal as per MoEF&CC, Govt. of India Office Memorandum dated 7th July, 2021 under violation category then the project may be considered by SEIAA/SEAC as per Office Memorandum dated 7th July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

The project proponent again submitted an application dated 20/10/2022 (Proposal No. SIA/UP/INFRA2/403062/2022) was made by the project proponent M/s ABC Infra Promoters Pvt. Ltd /Consortium for environmental clearance of Proposed “Group Housing Project “Excella Kutumb” at khasra No. 2678/1, 2688/2, 2692/1, 2695/1, 2677, 2693, 2694, 2677, 2833/2, 2834, 2837 Sa, 2675 Sa, 2677, Village-Bakkas, Tehsil-Mohanlalganj, District- Lucknow, U.P.” under violation category as per procedure laid down in MoEF&CC, Govt. of India Office Memorandum dated 7th July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

As per the documents/presentation the committee was informed that 53.11% of construction work has already been completed by the project proponent without obtaining prior environmental

clearance and total project cost incurred as on date certified by the Govt. authorized valuer will be submitted at the time of EIA presentation.

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

The 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 Gaurang Environmental Solutions 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 Group Housing Project “Excella Kutumb” at khasra No. 2678/1, 2688/2, 2692/1, 2695/1, 2677, 2693, 2694, 2677, 2833/2, 2834, 2837 Sa, 2675 Sa, 2677, Village-Bakkas, Tehsil-Mohanlalganj, District- Lucknow, U.P., M/s ABC Infra Promoters Pvt. Ltd /Consortium.
2. Salient features of the project:

Items	Details
Project	Group Housing Project “Excella Kutumb”
Address	Khasra No. 2678/1, 2688/2, 2692/1, 2695/1, 2677, 2693, 2694, 2677, 2833/2, 2834, 2837 Sa, 2675 Sa, 2677, Village-Bakkas, Tehsil-Mohanlalganj, District Lucknow, Uttar Pradesh.
Total Plot area	24,870 sq.m.
Built up area	62,181.80 sq.m.
Ground coverage	Permissible : 35% (8,704.5 sq.m.) Achieved : 17.86% (4,440.94 sq.m.)
FAR	Permissible : 2.5 (62,175 sq.m.) Achieved : 2.247 (55,889.85 sq.m.)
Green Area	4080.90 sq.m (16.40 %)
No of Blocks	3 nos. (A, B & C)
No of Towers	8 nos.
Parking facilities	Required Parking : 468 ECS Proposed Parking : 567 ECS
Project Facilities	Dwelling units : 754 nos. Commercial Shops : 17 nos. Primary School/Institution : 1000 sq.m
Power requirement	Electric load : 2500 KVA Source : UPPCL
Power backup (DG Set)	D.G sets of cumulative capacity 2500 kVA • 1x 500 KVA • 2 x 1000 KVA Fuel : HSD Quantity : 125 lt/hr & 150 lt/hr respectively
Renewable Energy	Grid tied Solar : 100 KW
Water requirement & source	Total Water requirement : 590 KLD Fresh Water : 362 KLD Recycled Water : 228 KLD Source : Ground water
Waste water generation & Treatment	Sewage treatment facility : 500 KLD Waste water Generation : 476 KLD STP Technology : MBBR Technology

Rain water harvesting structures	9 nos.
Solid Waste Generation	2379 kg/day
Project Cost	Rs.160.92 Crore

3. Built up area details:

S.No	Particulars	Total BUA (sq.m.)	FAR Area (sq.m.)
1.	Tower 1	10463.484	9509.174
2.	Tower 2	6216.888	5483.488
3.	Tower 3	6586.91	5830.32
4.	Tower 1	6125.591	5623.337
5.	Tower 2	6581.63	5853.47
6.	Tower 1	7840.9	7020.6
7.	Tower 2	8661.93	7809.48
8.	Tower 3	9587.47	8642.98
9.	Primary School	45.00	45.00
10	Institution	72.00	72.00
	Total	62181.80 Sq.m	55889.85 sq.m

4. Population details:

S. No	Particulars	Details	Basis	Population
1.	Residential	754	@5 persons/unit *	3770
2.	Commercial Shops	17 no.		340
a.	Fixed	10%	@ 2person/shop	34
b.	Floating	90%		306
3.	Facilities	1 no.	-	450
4.	Staff			100

5. Water calculation details:

S. No.	Particulars	Population	Fresh water	Treated water	Total water
1.	Residential	3770	@90 LPCD: 340 KLD	@45 LPCD: 170 KLD	510 KLD
2.	Retail shop	340	2.38 say 3 KLD	3.74 say 4 KLD	7 KLD
a	Fixed	@10 % (34)	@25 LPCD: 0.85 KLD	@20 LPCD: 0.68KLD	1.53 say 2 KLD
b	Floating	@ 90% (306)	@5 LPCD: 1.53 KLD	@10LPCD:3.06 KLD	4.56 say 5 KLD
3.	Facilities	450	@25 LPCD: 12 KLD	@20 LPCD: 9 KLD	21 KLD
4.	Staff	100	@25LPCD: 3 KLD	@20 LPCD: 2 KLD	5 KLD
5.	Visitors	377	@5LPCD: 4 KLD	@10LPCD: 2 KLD	6 KLD
6.	Landscaping @10lt/sq.m			41 KLD	41 KLD
Total			362 KLD	228 KLD	590 KLD

6. Waste water details:

- Domestic waste water to the tune of 467 KLD will be treated in STP of 500 KLD Capacity based on MBBR Technology
- Treated water from STP will be reused/ recycled for flushing (187 KLD), landscaping (41 KLD) of water will be supplied to farmer for plantation which will help in reducing the fresh water demand.

7. Solid waste generation details:

Particulars	Population /area	Basis	Quantity of waste generated
Residential	3770	@0.6 kg/day	2262 kg/day
Floating Population	584	@ 0.2 kg/day	117 kg/day
Landscaping	1.00	@0.2kg/acre/day	0.2 kg/day
Total			2379 kg/day

8. The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended) and MoEF&CC, violation SoP/Office Memorandum dated 07/07/2021 for the violation project.

The consultant (EIA Coordinator) also submitted an affidavit dated 03/11/2022 mentioning is as follows:

1. I, Abhishek Gautam, EIA Coordinator for the Group Housing Project “Excella Kutumb” at Gaurang Environmental Solutions Pvt. Ltd.
2. I have prepared the terms of reference application for the proposal in name of “Excella Kutumb” Group Housing Project with my team.
3. I have personally visited the site of project proposal and certify that construction work has been started at the site and approx. 53.11%, 33024.34 sqm built up area out of the total built up area has been constructed at the site.
4. I am satisfied with that all the necessary data/information submitted along with the application are true and correct.
5. I certify that the proposal has been uploaded 3 times on Parivesh Portal and the same was withdrawn from the portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation which will be submitted after acceptance of application.
7. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter in view of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended with the condition (project proponent should submit the cost incurred as on date of filing application to be certified by the Govt. authorized valuer) to issue the standard terms of reference (TOR) for the preparation of Environment Impact Assessment Report. The committee also stipulated following additional TOR points:

Additional TOR:

1. The committee prescribed specific Terms of Reference for the project on the assessment of ecological damage, remediation plan and natural and the community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.
2. For assessment of ecological damage with respect to air, water land and other environmental attributes, the collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
3. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
4. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The Quantum shall be recommended by the SEAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority.
5. Uttar Pradesh Pollution Control Board to take action against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.

6. Status report regarding construction/development work has already taken up by the project proponent shall mentioned with the date and expected time of completion of project in tabular form to be submitted at the time of EIA presentation.
7. Copy of approved plan for the project along with the Permission Letter from Lucknow Development Authority to be submitted at the time of EIA presentation.

Standard terms of reference:

1. Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
3. Examine baseline environmental quality along with projected incremental load due to the project.
4. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
6. Submit the details of the trees to be felled for the project.
7. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
8. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
9. Ground water classification as per the Central Ground Water Authority.
10. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
11. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
12. Examine soil characteristics and depth of ground water table for rainwater harvesting.
13. Examine details of solid waste generation treatment and its disposal.
14. Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
15. DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
16. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. The plan should include the provision of link road from mining area to main road with black topping to prevent air pollution due to dust emission. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
17. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
18. Examine the details of transport of materials for construction which should include source and availability.
19. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
20. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
21. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
22. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

23. Examine the probable displacement/ disturbance of human/wild animal/birds settlement/migration due to impact of proposed project and suggest the suitable mitigation measures
24. There should be provision of temporary shelters for workers with provision of potable drinking water, toilet facility separate for men and women to prevent and stop open defecation at project site.
25. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Townships>".

5. Expansion of Chaudhary Charan Singh International Airport (CCSIA) Lucknow, to enhance the Passenger Handling Capacity up to 39 MPPA & Cargo Handling Capacity up to 0.25 MTPA by M/s Lucknow International Airport Limited (LIAL). 7302/Proposal No. SIA/UP/INFRA/404074/2022

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 Vimta Labs Limited. During the presentation the project proponent/consultant informed the committee is as follows:

- Chaudhary Charan Singh International Airport (CCSIA) is located 11 km south of city centre i.e. from Lucknow Railway station and was commissioned in 1986.
- Chaudhary Charan Singh International Airport (CCSIA) Airport, has been granted Environmental Clearances for “Terminal building (Terminal 2) & New Integrated Terminal Building (Terminal 3) and allied facilities” at Lucknow, Uttar Pradesh, vide dated 23rd May 2012 & 26th September 2018, respectively.
- A Concession Agreement for Operation, Maintenance, Management & Development of CCSIA was signed between Airports Authority of India (AAI) and Lucknow International Airport Limited (LIAL) (earlier known as Adani Lucknow International Airport Limited) on 14th February 2020.
- As per the Concession Agreement, LIAL has been entrusted with the responsibility to operate and manage the existing airport assets and will be responsible for designing, engineering, financing, construction, upgradation, and development of future airside, terminal, city side and landside infrastructure for the airport in phases, and its subsequent operation and management for a 50-Year concession period from the Commercial Date of Operation (COD) 2nd November 2020.
- Transfer of Environment Clearance for New Integrated Terminal Building (Terminal 3) and allied facilities from “Airports Authority of India” (AAI) to “Adani Lucknow International Airport Ltd” (ALIAL) was obtained vide dated 17th June, 2021.
- Certificate of Incorporation upon change of name from Adani Lucknow International Airport Limited to Lucknow International Airport Limited has been issued by Ministry of Corporate Affairs vide document dated 9th November 2021.
- Further Transfer order of Environment Clearance for Terminal building (Terminal 2) from “Airports Authority of India” (AAI) to “Lucknow International Airport Ltd” (LIAL) has been obtained vide dated 16th February 2022 while name change order of Environment Clearance for New Integrated Terminal Building (Terminal 3) and allied facilities, in the name of “Lucknow International Airport Ltd.” has been obtained vide dated 2nd April 2022.
- Lucknow International Airport Limited (LIAL) proposes to enhance the passenger handling capacity to its ultimate phase of 39 MPPA, Cargo Capacity: 0.25 MTPA.
- To ensure efficient aircraft movements, by avoiding back tracking and runway incursion & To enhance runway as well as Airport capacity, full length Double parallel taxiway on North side and

Single parallel taxiway on South side is required to be developed, along with associated RETs and entry/exit.

- To un-lock the benefits of integrated terminal and to enhance the terminal capacity, LIAL has re-visited master planning of NITB (T3) holistically, and has updated/modified the terminal layout and its associated components to accommodate domestic and international operations in single, integrated Terminal T3, thus avoiding the need to retain passenger operations at Terminal T2 as all passenger traffic shall move to Integrated Terminal T3. This will led to capacity enhancement, induced synergy in operations. Additionally New Terminal Building (T4) is proposed to handle the increase passenger handling.
- Relocation, improvement, modification/up-gradation/augmentation and modernization of existing Airside/Landside facilities and infrastructure, to meet operational safety requirements to facilitate the required infrastructure to serve the projected passenger and cargo traffic in ultimate phase.
- The proposed master plan is inclusive of Two integrated terminal buildings, i.e. NITB (T3) (modification) and New Terminal Building (NTB) (T4) with associated infrastructure, support facilities & utilities, to accommodate up to max 39 MPPA (million passengers per annum). The projected Cargo Handling capacity will be 0.25 MTPA (million tons per annum).
- The expansion of project proposal was applied through online Parivesh Portal on 08/04/2022 at Ministry of Environment, Forests and Climate Change, Govt. of India as category “A” project as per EIA Notification, 2006 (as amended).
- The Terms of Reference in the matter was granted by MoEF&CC vide letter No. F.No. 21-49/2022-IA-III dated 30th May, 2022.
- The EAC granted the exemptions of the proposed project from the requirement of public hearing as per para 7(ii) of EIA Notification, 2006 and its subsequent amendments.
- Ministry of Environment, Forests and Climate Change, Govt. of India issued an OM dated 20th April, 2022 and made a provision that the proposed expansion project falls in category ‘B’ under project type 7(a) and requires appraisal through SEIAA/SEAC for issue of Environmental Clearance. As per clause stated in the OM, “All expansions projects, including airstrips, which are for commercial use.” to be considered at the state level.”
- Final EIA report submitted by the project proponent to SEIAA, U.P. through online Parivesh Portal on 22/10/2022 as category “B” project as per MoEF&CC OM dated 20th April, 2022.

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 Expansion of Chaudhary Charan Singh International Airport (CCSIA) Lucknow to enhance the Passenger Handling Capacity up to 39 MPPA & Cargo Handling Capacity up to 0.25 MTPA by M/s Lucknow International Airport Limited (LIAL).
2. The Terms of Reference in the matter was granted by MoEF&CC vide letter No. F.No. 21-49/2022-IA-III dated 30th May, 2022.
3. Certified compliance report for the existing environmental clearance no. 10-18/2007-IA.III, dated 23/05/2012 and EC ref. no. 10-47/2017-IA-III, dated 26/09/2018 has been from IRO, Lucknow, MoEF&CC vide letter no. IV/ENV/UP/Con-165/527/2019/330, dated 07/11/2022.
4. Existing infrastructure details:
 - CCSIA has total land area of 509.41 Ha (1258.80 Acres), making it one of the most land constrained airports in India.
 - Terminal - CCSIA presently has 2 operational passenger terminals: International Terminal (T1) and Domestic Terminal (T2). Terminal T1 is located on north of the runway area. A new integrated terminal building (T3) is under construction, located at west of Terminal T1.
 - Apron -CCSIA has two aprons, the main apron for commercial aircraft operations located on

western side near terminals T1 and T2, and secondary apron for State Government/ General Aviation situated on eastern part of airport near State Govt hangars/ VIP Terminal.

- Runway - Airport includes a single runway (09-27) orientated in east to west direction, with length of 2744 m and width of 45 m. It can handle a wide range of aircrafts, from narrow-body Code C (A320/B737) to wide-body Code E (B787/A350).
- Taxiway - CCSIA has total 7 no. of link taxiways i.e. TWY-A, TWY-B, TWY-C, TWY-D, TWY-E, TWY-L and TWY-M.
- Other Facilities: Other Support facilities and Utilities like ARFF, Fuel Storage, IMD, GSE maintenance, Airport maintenance building, Administrative Building, Airport Health Organization, CISF Housing Barrack etc.

5. Details of present proposal:

- 44.52 ha of land will be considered for City Side development, which will be developed phase wise. 3 Isolated plots with individual area of 6.8 ha (16.812 acre), 0.19 ha (0.47 acre) 0.81 ha (2 acres) are excluded from this Master plan.
- LIAL now proposes expansion of CCSIA within an area of 457.10 ha, which includes land area of 14.34 ha as a Carved Out Area, retained by Airport Authority of India (AAI).

6. Major airside land use breakup:

Sr. No	Landuse (Airside)	Area in Acres	Area in Ha
1	Runway	51.82	20.97
2	Taxiway & Apron	287.43	116.32
3	Hangars	5.57	2.25
4	Terminal	37.30	15.10
5	Cargo	14.52	5.87
6	Support Facilities And Utilities	34.10	13.80
7	Green And Open Area	373.64	151.21
8	Roads & Transportation	30.79	12.46
9	Carved Out Areas	14.27	5.77
	Total – Airside	849.45	343.76

7. Major Landside Landuse Break-up:

Sr. No.	Landuse (Landside)	Area in Acre	Area in Ha
1	Support Facilities And Utilities	52.98	21.44
2	Green Area	71.38	28.89
3	Roads & Transportation	91.88	37.18
4	Carved Out Areas	21.18	8.57
5	Cargo	42.66	17.26
	Total – Landside	280.07	113.34

8. Details of terminal development:

Sr. No	Components	Existing & Approved	Proposed
1	Foot print	Terminal 1, 2 & NITB (T3) – 80,489 sqm	NITB (T3) * modification & NTB (T4) 1,39,020 sqm
2	Built up	Terminal 1, 2 & NITB (T3) 1,52,815 sqm	NITB (T3) * modification & NTB (T4) 4,26,131 sqm

9. Proposed infrastructure:

- Terminal building:
 - The proposed master plan is inclusive of Two integrated terminal buildings, i.e NITB (T3) (modification) and New Terminal Building (NTB) (T4) with associated infrastructure, support facilities & utilities, to accommodate 39 MPPA, with a built up area of approx. 4,26,131 sqm.
- Cargo Complex: Cargo Complex will be developed in a total area of 23.14 Ha (57.17 acre), to handle cargo up to 0.25 MTPA.

- Apron & Taxiway: Apron and taxiways will be developed within an area of 116.32 Ha. North side double parallel taxiway South side Single parallel taxiway will be developed.
- Green Area: The total area under this zone will be approximately 28.89 Ha in landside zone. The proposed green spaces will be developed as per their contextual and functional requirements and overall environmental and landscape planning approach. The proposed Green Space & Landscape development is planned considering key airport related constraints, i.e Bird Menace, height restriction, restriction in open area etc.
- Support Facilities & amenities: General Aviation in an area of 3.707 Ha and VIP terminal in an area of 0.273 Ha along with the other Support facilities such as of ARFF, Fuel Storage, GSE maintenance facility, Flight Kitchen Facility, Police station, Airport maintenance building etc. also proposed to be upgraded or relocated as per the suitability of the CCSIA Master Plan Development.
- A multi-modal transport hub (MMTH):
 - MMTH includes Metro connectivity, multi-level car park (MLCP), city side check-in and self-bag drop (SBD) facility, Curbside facilities for passengers / visitors arriving at the airport from surrounding areas
 - Connected seamlessly to the main levels of the Terminal building, setting a new benchmark for the state and the country offering world class passenger and user experience.
 - LIAL will encourage public transport (metro, airport-based bus service and taxis) for its passengers as well as staff and visitors. Reducing the demand for car parking and also positively impacting carbon footprint of the airport.
- Multilevel Car parking :
 - Based on the expected demand, assumptions & objectives stated above, LIAL has proposed MLCP to accommodate 4000 car spaces.
 - Pedestrian walkways are planned to connect MLCP to Terminal departure & arrival areas, for passengers and meters/greeters to park in MLCP and walk down to the pickup/drop off kerbs.
- Green Area Development:
 - The total area under this zone shall be approximately 28.89 ha in landside and 151.21 ha in airside.
 - The proposed green spaces will be developed as per their contextual and functional requirements and overall environmental and landscape planning approach.
 - Green Space & Landscape development is planned considering key airport related constraints,

10. Salient features of the project:

Sr. No	Components	After Expansion	Source
1	Land	457.10 Ha	
2	Power	41MVA (100% Load)	Electrical Substation
3	Water Requirement	9.6 MLD	~4.5 MLD will be sourced from State Government Water Supply / Bore wells 5.1 MLD will be recycled from STP
4	STP Capacity	5.45 MLD	
5	Manpower	Construction phase- 2000 direct & indirect employment Operational phase- 25,000 direct and indirect employment	
6	Project Cost	Rs. 10700 Crores	

11. Water and waste water details:

- Water Requirement : 9.6 MLD of water would be required for the airport capacity of 39 MPPA.
- Fresh potable water requirement - 4.6 MLD. This will be met from State Govt. water supply/borewells.

- 5.1 MLD of treated wastewater will be reused as non-potable water in Landscaping and flushing etc.
 - The entire sewage that is generated from the campus will be recycled and reused for non-potable purposes.
 - 5.20 MLD of wastewater will be generated from airport operations, which will be treated through STP (MBR, MBBR, SBR etc.)
 - Total STP capacity of 5.45 MLD, will be developed on modular basis
 - The treated wastewater from the STP will be used for landscaping, air conditioning, cooling water make-up and green belt development
12. 34 nos. of groundwater percolation pits/wells are proposed on landside and airside areas. In addition, recharge pits are proposed to manage runoff water near RESA area and at low points.
13. The project proposal falls under category-7(a) of EIA Notification, 2006 (as amended).

The project proponent also submitted a letter no. LIAL/CAO/LKO/EC/Env/1076, dated 10/11/2022 mentioning that they have proposed to install online continuous ambient air quality monitoring stations (CAAQMS) in the airport premises with consultation to State Pollution Control Board, Uttar Pradesh within a period of six month.

The consultant (EIA Coordinator) also submitted an affidavit dated 10/11/2022 mentioning is as follows:

1. I, M. Janardhan, S/o Late M. Narayana, Head & Vice President of M/s Vimta Labs Limited Hyderabad, Telangana.
2. I have prepared EIA/EMP report for the proposal Expansion of Chaudhary Charan Singh International Airport (CCSIA) Lucknow to enhance the Passenger Handling Capacity up to 39 MPPA & Cargo Handling Capacity up to 0.25 MTPA by M/s Lucknow International Airport Limited (LIAL) with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with 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 is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR points have been complied and the proposed project is exempted from Public Hearing as per Para 7(ii) of EIA Notification and its subsequent amendments and the same mentioned in TOR copy granted by MoEF&CC.
8. The TOR was granted by MoEF&CC under category "A". Now the present submission of Environmental Clearance is under category "B", as per latest amendment dated 20/04/2022, the proposed expansion project falls in category "B" under project type 7(a) and requires appraisal through SEIAA/SEAC for issue of Environmental Clearance.
9. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

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

Additional Conditions:

1. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
2. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
3. The proponent should provide the electric vehicle charging facility and also allocate the safe and suitable place in the premises.
4. The project proponent should conduct the latest air quality monitoring and submit the report to the Department of Environment/UPPCB along with a detailed action plan for mitigation/prevention.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

I. Statutory compliance:

1. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
4. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
5. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
6. Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities shall be obtained.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.

II. Air quality monitoring and preservation:

1. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the airport area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
2. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all

proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.

3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
4. Soil and other construction materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty material wet
5. The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.
6. Excavated materials shall be handled and transposed in a manner that they do not cause any problems of air pollution.
7. The soil/construction materials carried by the vehicle should be covered by impervious sheeting to ensure that the dusty materials do not leak from the vehicle.

III. Water quality monitoring and preservation:

1. Run off from chemicals and other contaminants from air quality maintenance and other areas within the airport shall be suitably contained and treated before disposal. A spillage and contaminant containment plan shall be drawn up and implemented to the satisfaction of the State Pollution Control Board.
2. Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc. shall be provided.
3. The runoff from paved structures like Runways, Taxiways, can be routed through drains to oil separation tanks and sedimentation basins before being discharged into rainwater harvesting structures.
4. Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/water logging in project area. Domestic and industrial waste water shall not be allowed to be discharged into storm water drains.
5. Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Rain water harvesting structures shall conform to CGWA designs. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
6. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
7. Sewage Treatment Plant shall be provided to treat the wastewater generated from airport. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression.
8. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
9. A detailed drainage plan for rain water shall be drawn up and implemented.

IV. Noise monitoring and prevention:

1. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance

report.

2. Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipments.
3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
4. During airport operation period, noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
5. Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.

V. Energy Conservation measures:

1. Energy conservation measures like installation of LED/CFLS/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning

VI. Waste management:

1. Soil stockpile shall be managed in such a manner that dust emission and sediment runoff are minimized. Ensure that soil stockpiles are designed with no slope greater than 2:1 (horizontal/vertical).
2. The project activity shall conform to the Fly Ash notification issued under the E.P. Act of 1986.
3. Solid inert waste found on construction sites consists of building rubble, demolition material, concrete; bricks, timber, plastic, glass, metals, bitumen etc shall be reused/recycled or disposed off as per Solid Waste Management Rules, 2016 and Construction and Demolition Waste Rules, 2016.
4. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
5. The project proponents shall implement a management plan duly approved by the State Pollution Control Board and obtain its permissions for the safe handling and disposal of:
 - a. Trash collected in flight and disposed at the airport including segregation, collection and disposed.
 - b. Toilet wastes and sewage collected from aircrafts and disposed at the Airport.
 - c. Wastes arising out of maintenance and workshops
 - d. Wastes arising out of eateries and shops situated inside the airport complex.
 - e. Hazardous and other wastes
6. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016. Recycling of wastes such as paper, glass (produced from terminals and aircraft caterers), metal (at aircraft maintenance site), plastics (from aircrafts, terminals and offices), wood, waste oil and solvents (from maintenance and engineering operations), kitchen wastes and vegetable oils (from caterers) shall be carried out. Solid wastes shall be disposed in accordance to the Solid Waste Management Rules, 2016 as amended.

VII. Green Belt:

1. Green belt shall be developed in area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of

the Air Port.

2. Top soil shall be separately stored and used in the development of green belt.

VIII. Human health issues:

1. Construction site should be adequately barricaded before the construction begins.
2. Traffic congestion near the entry and exit points from the roads adjoining the airport shall be avoided. Parking should be fully internalized and no public space should be utilized.
3. Provision of Electro-mechanical doors for toilets meant for disabled passengers. Children nursing/feeding room to be located conveniently near arrival and departure gates.
4. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis.

IX. Corporate Environment Responsibility:

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

X. Miscellaneous:

1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent 's website permanently.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt. The project proponent shall upload the status of compliance of the stipulated environment Clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
3. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.

5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The criteria pollutant levels namely; PM 10, PM2.5, SO₂, NO_x (ambient levels) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
7. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. No further expansion or modifications in the plant shall be carried out without prior approval Of the Ministry of Environment. Forests and Climate Change (MoEF&CC).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary.
12. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
13. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986. Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts/NGT and any other Court of law relating to the subject matter.
14. Any appeal against this DC shall lie with the National Green Tribunal, if preferred. within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

6. “Ordinary Soil Excavation” Project at Gata No. 77, 76/1, 76/2, 199Mi, 202Mi, 203Mi, 204Mi, 228Mi, in the Village-Baripur, Tehsil & District- Moradabad, U.P.,Naeem Ahmad., 7303/Proposal No. SIA/UP/404376/2022

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

1. The environmental clearance is sought for Ordinary Soil Excavation” Project at Gata No. 77, 76/1, 76/2, 199mi, 202mi, 203mi, 204, 228mi in the Village-Baripur, Tehsil & District- Moradabad, Uttar Pradesh, (Leased Area:1.205 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/404376/2022
2.	File No. allotted by SEIAA, UP	7303
3.	Name of Proponent	Naeem Ahmed S/o Shri Mehfooz Ahmed
4.	Full correspondence address of proponent and mobile no.	R/o- New Basti, Eidgah, Pakbara, Tehsil & District- Moradabad, U.P
5.	Name of Project	Proposed “Ordinary Soil Excavation” Project named Naeem Ahmed at Gata No.-77, 76/1, 76/2, 199mi, 202mi, 203mi, 204, 228mi in the Village-Baripur, Tehsil & District-Moradabad,

Minutes of 700th SEAC-2 Meeting Dated 10/11/2022

		Uttar Pradesh. (Area:1.205 Ha.)																														
6.	Project Location(Plot.Khsra/Gata No.)	Gata No.- 77, 76/1, 76/2, 199mi, 202mi, 203mi, 204, 228mi																														
7.	Name of Village	Baripur																														
8.	Tehsil	Moradabad																														
9.	District	Moradabad																														
10.	Name of Minor Mineral	Ordinary Soil																														
11.	Sanctioned Lease Area (in Ha.)	1.205 Ha																														
12.	Max. & Min mRL within lease area	202.00 mRL & 200.00mRL																														
13.	Pillar Coordinates (Verified by DMO)	<table><tr><td>GATA NO.</td><td>77</td></tr><tr><td>A</td><td>28°50'29.24"N78°38'52.88"E</td></tr><tr><td>B</td><td>28°50'29.00"N 78°38'53.13"E</td></tr><tr><td>C</td><td>28°50'27.27"N 78°38'52.05"E</td></tr><tr><td>D</td><td>28°50'28.14"N 78°38'50.96"E</td></tr><tr><td>GATA NO.</td><td>76</td></tr><tr><td>A</td><td>28°50'30.69"N78°38'54.16"E</td></tr><tr><td>B</td><td>28°50'30.29"N 78°38'54.63"E</td></tr><tr><td>C</td><td>28°50'28.17"N 78°38'50.93"E</td></tr><tr><td>D</td><td>28°50'28.71"N 78°38'50.24"E</td></tr><tr><td>GATA NO.</td><td>199Mi</td></tr><tr><td>A</td><td>28°50'20.51"N 78°38'43.15"E</td></tr><tr><td>B</td><td>28°50'20.27"N 78°38'43.47"E</td></tr><tr><td>C</td><td>28°50'18.97"N 78°38'41.84"E</td></tr><tr><td>D</td><td>28°50'19.19"N 78°38'41.45"E</td></tr></table>	GATA NO.	77	A	28°50'29.24"N78°38'52.88"E	B	28°50'29.00"N 78°38'53.13"E	C	28°50'27.27"N 78°38'52.05"E	D	28°50'28.14"N 78°38'50.96"E	GATA NO.	76	A	28°50'30.69"N78°38'54.16"E	B	28°50'30.29"N 78°38'54.63"E	C	28°50'28.17"N 78°38'50.93"E	D	28°50'28.71"N 78°38'50.24"E	GATA NO.	199Mi	A	28°50'20.51"N 78°38'43.15"E	B	28°50'20.27"N 78°38'43.47"E	C	28°50'18.97"N 78°38'41.84"E	D	28°50'19.19"N 78°38'41.45"E
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		<table><tr><td>GATA NO.</td><td>202Mi</td></tr><tr><td>A</td><td>28°50'18.21"N 78°38'46.10"E</td></tr><tr><td>B</td><td>28°50'17.81"N 78°38'45.84"E</td></tr><tr><td>C</td><td>28°50'19.18"N 78°38'43.77"E</td></tr><tr><td>D</td><td>28°50'19.62"N 78°38'44.44"E</td></tr><tr><td>E</td><td>28°50'19.20"N 78°38'45.11"E</td></tr><tr><td>F</td><td>28°50'18.90"N 78°38'45.18"E</td></tr></table>	GATA NO.	202Mi	A	28°50'18.21"N 78°38'46.10"E	B	28°50'17.81"N 78°38'45.84"E	C	28°50'19.18"N 78°38'43.77"E	D	28°50'19.62"N 78°38'44.44"E	E	28°50'19.20"N 78°38'45.11"E	F	28°50'18.90"N 78°38'45.18"E																
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		<table><tr><td>GATA NO.</td><td>203Mi</td></tr><tr><td>A</td><td>28°50'17.76"N 78°38'45.79"E</td></tr><tr><td>B</td><td>28°50'17.22"N 78°38'45.33"E</td></tr><tr><td>C</td><td>28°50'18.61"N 78°38'43.04"E</td></tr><tr><td>D</td><td>28°50'19.14"N 78°38'43.75"E</td></tr></table>	GATA NO.	203Mi	A	28°50'17.76"N 78°38'45.79"E	B	28°50'17.22"N 78°38'45.33"E	C	28°50'18.61"N 78°38'43.04"E	D	28°50'19.14"N 78°38'43.75"E																				
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		<table><tr><td>GATA NO.</td><td>204</td></tr><tr><td>A</td><td>28°50'17.05"N 78°38'45.26"E</td></tr><tr><td>B</td><td>28°50'16.08"N 78°38'44.38"E</td></tr><tr><td>C</td><td>28°50'17.39"N 78°38'42.23"E</td></tr><tr><td>D</td><td>28°50'18.50"N 78°38'42.98"E</td></tr></table>	GATA NO.	204	A	28°50'17.05"N 78°38'45.26"E	B	28°50'16.08"N 78°38'44.38"E	C	28°50'17.39"N 78°38'42.23"E	D	28°50'18.50"N 78°38'42.98"E																				
		GATA NO.	204																													
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		<table><tr><td>GATA NO.</td><td>228Mi</td></tr><tr><td>A</td><td>28°50'17.69"N 78°38'42.13"E</td></tr><tr><td>B</td><td>28°50'17.01"N 78°38'41.67"E</td></tr><tr><td>C</td><td>28°50'17.81"N 78°38'40.19"E</td></tr><tr><td>D</td><td>28°50'18.41"N 78°38'40.85"E</td></tr></table>	GATA NO.	228Mi	A	28°50'17.69"N 78°38'42.13"E	B	28°50'17.01"N 78°38'41.67"E	C	28°50'17.81"N 78°38'40.19"E	D	28°50'18.41"N 78°38'40.85"E																				
		GATA NO.	228Mi																													
		A	28°50'17.69"N 78°38'42.13"E																													
		B	28°50'17.01"N 78°38'41.67"E																													
		C	28°50'17.81"N 78°38'40.19"E																													
		D	28°50'18.41"N 78°38'40.85"E																													
		14.	Total Geological Reserves	30,125 m ³																												
		15.	Total Mineable Reserve	21,000 m ³ / 3 months																												
		16.	Proposed Production	21000 m ³ / 3 months																												
		17.	Sanctioned Period of Mine lease	3 months																												
		18.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method																												
		19.	No. of working days	90 Days																												
20.	Working hours/day	8 Hours																														
21.	No. of workers	18 workers																														
22.	No. of vehicles movement/day	26 Trucks / Day																														
23.	Type of Land	Pvt. Land (Uneven Agricultural Land)																														
24.	Ultimate of Depth of Mining	2.5 m																														
25.	Nearest metalled road from site	1.0 Km																														

26.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.18
		Suppression of dust	2.40
		Plantation	0.05
		Others (if any)	-
		Total	2.63 KLD (Approx 3.0 KLD)
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult Certificate No- NABET/EIA/2023/SA 0174 Period of Validity- 29-04-2023	
28.	Any litigation pending against the project or land in any court	No	
29.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No 266/Khanij/2022, Date-16.09.2022	
30.	Proposed EMP cost	1.63 Lakhs	
31.	Proposed total Project cost	12.43 Lakhs	
32.	Length and breadth of Haul Road	400 mtr Length & 6m width haulage road	
33.	No. of Trees to be Planted	25 Trees	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 17/10/2022 mentioning is as follows:

1. I, Umesh Pratap Singh Chauhan, S/o Late Surya Pal Singh Chauhan am EIA Coordinator of Ind Tech House Consult.
2. I have prepared EMP report for the project name : Ordinary Soil Excavation” Project at Gata No. 77, 76/1, 76/2, 199mi, 202mi, 203mi, 204, 228mi in the Village-Baripur, Tehsil & District-Moradabad, Uttar Pradesh, (Leased Area:1.205 Ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with Application/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 06

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

7. Building Stone Gitti/Boulder (Dolostone) Mining Project- Billi Markundi, Village – Billi Markundi, Tehsil – Obra, District – Sonbhadra, Araj No. 5006Ka, Radhe Radhe Enterprises. 7306/7064/Proposal No. SIA/UP/MIN/401742/2022

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

1. The environmental clearance is sought for Building Stone (Sandstone) Mining Project at Araj No. 5006 Ka, Village- Billi Markundi, Tehsil- Obra, District- Sonbhadra, State- Uttar Pradesh, (Leased Area : 3.40 ha), M/s Radhe Radhe Enterprises.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 121/Parya/SEAC/7064/2022, dated 01/07/2022.
3. The Public Hearing was organized on 31/08/2022. Final EIA Report was submitted by the Project Proponent on 29/10/2022.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/401742/2022		
2. File No. allotted by SEIAA, UP	7306-7064		
3. Name of Applicant	M/s Radhe Radhe Enterprises Shri Ram Asrey Agrahari S/o Late Hariram Agrahari		
4. Full correspondence address of proponent and mobile no.	R/o: 79, Chudi Gali, Ward-3, Parshoi, Tehsil- Obra, District- Sonbhadra, U.P. (231219)		
5. Name of Project	Billi Markundi Dolostone Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Village Billi Markundi, Araj No. 5006 KA, Tehsil- Obra, District- Sonbhadra, State- Uttar Pradesh.		
7. Name of Minor Mineral	Minor Mineral – Building Stone Gitti/Boulder (Dolostone)		
8. Sanctioned Lease Area (in Ha.)	3.40 Ha.		
9. Mineable Area (in Ha.)	3.40 Ha.		
10. Capacity of the project	1,12,000 cum / year		
11. Max. & Min mRL within lease area	204-162 mRL.		
12. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	Total Lease Area Coordinate (3.40 ha)		
	A	24°28'50.91"N	83° 0'53.34"E
	B	24°28'47.06"N	83° 0'55.08"E
	C	24°28'43.78"N	83° 0'53.35"E
	D	24°28'44.70"N	83° 0'47.65"E
	E	24°28'46.01"N	83° 0'47.75"E
	F	24°28'46.61"N	83° 0'48.30"E
	G	24°28'48.94"N	83° 0'48.62"E
	H	24°28'50.51"N	83° 0'49.22"E
	I	24°28'50.46"N	83° 0'50.24"E
	J	24°28'51.26"N	83° 0'51.42"E
13. Total Geological Reserves	18,27,118 m ³		
14. Total Mineable Reserves	6,95,898 m ³		
15. Proposed Production/year (as per LoI)	1,12,000 m ³		
16. Total Production (5 Years)	5,60,000 m ³		
17. Proposed Production / year	Year	Production	
	1 st	1,12,000 m ³	
	2 nd	1,12,000 m ³	
	3 rd	1,12,000 m ³	
	4 th	1,12,000 m ³	
	5 th	1,12,000 m ³	
	Total	5,60,000 m ³	
	18. Sanctioned Period of Mine lease	10 Years	

19. Method of Mining	Open cast Semi-mechanized mining	
20. No. of working days	250 days/ Year	
21. Working hours/day	12 Hours	
22. No. Of workers	55	
23. No. Of vehicles movement/day	50	
24. Type of Land	Govt. Revenue Land	
25. Depth of Mining as per approved Mine Plan	42.00 m	
26. Nearest metaled road from site	300 m (NE)	
27. Water Requirement	Purposes	Requirement (KLD)
	Drinking	0.55
	Suppression of dust	0.84
	Plantation	6.05
	Others (if any)	0.00
	Total	7.44
28. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/2023/SA0155 valid till 22/02/2023	
29. Any litigation pending against the project or land in any court	No	
30. Details of 500 m Cluster Map & certificate verified by Mining Officer	6090/Khanij /2022 dated 10 th Feb, 2022	
31. Details of Lease Area in approved DSR	Sudhi Patra No. – Letter no. 872/khanij/press vigyapti/2021 Dated 15-03-2021 at Annexure – 1, Sl no 03	
32. Length and breadth of Haul Road	Length 200 m, Width 6.0 m	
33. Proposed CER Cost	Rs. 2,18,000/-	
34. Proposed Project Cost	Rs. 1,09,15,525/-	
35. No. of Trees to be planted	4000 Saplings	

- 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 09/11/2022 mentioning is as follows:

- I, Brij Mohan Singh, S/o K.S. Negi is EIA Coordinator of M/s GreencIndia Consulting Pvt. Ltd..
- I have prepared EIA report for the proposal no. (SIA/UP/MIN/76396/2022), Project Name: Building Stone (Sandstone) Mining Project at Arajai No. 5006 Ka, Village- Billi Markundi, Tehsil- Obra, District- Sonbhadra, State- Uttar Pradesh, (Leased Area : 3.40 ha), M/s Radhe Radhe Enterprises with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information submitted required for EIA are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivash Portal.
- I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
- I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
- The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 07

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

1. The project proponent shall install solar light in their site office.
 2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
 3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
 4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
 5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
 6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
 7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
 8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
 9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
 10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
 11. The project proponent should explore the possibilities of rainwater harvesting.
 12. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
 13. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
 14. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department
8. **Common Bio-medical Waste Treatment Facility (CBWTF) Khasra No.-1035, Village-Bharsar, Pargana-Kada, Tehsil- Sirathu, District- Kausambi, M/s Topsy Turvy Retail Pvt. Ltd. Shri Samridhi Karvariya, Director. 5801/Proposal No. SIA/UP/5613/2020**

The Secretariat informed the committee that the above letter discussed in 659th SEIAA meeting dated 14/10/2022 and decided is as follows:

"SEIAA noted that SEAC-2 has forwarded the response without their comments. SEIAA opined that SEAC-2 should examined the response and give their recommendation to SEIAA."

As per the direction of SEIAA, the matter was listed in 700th SEAC meeting dated 10/11/2022. In view of the various complaints against the new CBWTF, the committee discussed the matter and further request to SEIAA that regarding the verification of said CBWTF site as per CPCB site guidelines and also gap analysis reports to be sought from State Pollution Control Board for further action because under Bio-Medical Waste Management Rules, 2016 'The State Pollution Control Board is the prescribed authority.' The committee opined that after getting the factual report on above points from UPPCB final decision will be taken.

9. Letter of Mr. Gaurav Kumar Srivastava received on 08-09-2022 कन्सल्टेंट ग्लोबस इनवायरमेंट इंजीनियरिंग सर्विसेज, लखनऊ, उत्तर प्रदेश द्वारा दिये गये उत्तर में पुनः झूठी जानकारी दिये जाने के संबंध में।

The Secretariat informed the committee that the above letter discussed in 659th SEIAA meeting dated 14/10/2022 and decided is as follows:

"SEIAA gone through the letter of Shri Gaurav Srivastav 26-07-2022 addressed to senior Director, NABET, New Delhi and endorsed to Chairman/members of SEIAA/SEAC. SEIAA opined to refer the letter to SEAC-1 and SEAC-2 for review/comments."

As per the direction of SEIAA, the matter was listed in 700th SEAC meeting dated 10/11/2022. The committee discussed the complaint letter and opined that it is essential to verify the correctness of the facts given in the complaint. The Secretariat should check the online details on the portal, other records and provide it to the SEAC. The committee also requested SEIAA to direct the complainant and the concerned person of Secretariat to be present before SEAC along with relevant documents/file for verification of facts to dispose the complaint.

**(Prof. Jaswant Singh)
Member, SEAC-2**

**(Dr. Amrit Lal Halder)
Member, SEAC-2**

**(Dr. Dineshwar Prasad Singh)
Member, SEAC-2**

**(Tanzar Ullah Khan)
Member, SEAC-2**

**(Dr. Shiv Om Singh)
Member, SEAC-2**

**(Dr. Harikesh Bahadur Singh)
Chairman, SEAC-2**

**(Ashish Tiwari)
Member-Secretary**

Nodal, SEAC-2

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

Annexure-1

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

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. The location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board

19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

B. Specific Conditions:

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

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

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

- be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
 39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
 40. Project Proponent shall explore the possibility of using solar energy where ever possible.
 41. Commitment towards CER has to be followed strictly.
 42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
 43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
 44. The blasting will be done only after getting permission from the Mining Department.

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

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

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

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

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

were collected and the sources should be indicated.

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

Annexure-3

General and Specific Conditions for Soil Earth Mining Projects:-

General condition:

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

Specific Conditions:

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

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