Minutes of 667th SEAC-1 Meeting Dated 22/06/2022

The 667th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dualmode (physically/virtually) at 10:00 AM on 22/06/2022. Following members participated in the meeting:

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

The Chairman welcomed the members to the 667th SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. <u>Expansion of Panchsheel Primrose Group Housing Complex at Khasra No.804, 805,</u> 806, 807, 808, 809, 812, 813, 814, 815, 816, 817, 819, 820, 821, 838, 839, 840, 851 & 852, Village Harsaon, NH-24, Ghaziabad., M/s Panchsheel Buildtech Pvt.Ltd. File No. 7119/6889/Proposal No. SIA/UP/MIS/77433/2010

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 Ambiental Global Pvt. Ltd. The project proponent informed that the environmental clearance for the existing project was issued by SEIAA, U.P. vide letter no. 1111/SEAC/390/2010/AA(S), dated 10/07/2010 for the plot area 61615.28 sqm and built up area 1,90,774.809 sqm respectively.

The committee discussed the matter and directed the project proponent to submit certified compliance report from IRO, MoEFCC, Lucknow for the existing environmental clearance. The matter shall be discussed after receipt of certified compliance report.

2. <u>Stone (Sand stone) Mining at Arazi No. 484, Village-Devrikalan, Tehsil- Marihan,</u> <u>Mirzapur, Shri Jagadish Chandra Dwivedi., Area -2.02 Ha. File No. 6427/Proposal</u> <u>No. SIA/UP/MIN/64351/2021</u>

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

- 1. The environmental clearance is sought for Stone (Sand stone) Mining at Arazi No. 484, Village-Devrikalan, Tehsil- Marihan, Mirzapur, U.P. (Leased Area -2.02 Ha).
- 2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 414/Parya/SEIAA/6427/2021, dated 07/01/2022.
- 3. The public hearing was organized on 29/04/2022. Final EIA report submitted by the project proponent on 30/05/2022.

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

1.	On-line proposal No.	SIA/UP/MIN/64351/2021					
2.	File No. allotted by SEIAA, UP	6427					
3.	Name of Proponent	Sh. Jagadish Chandra Dwivedi S/O- Sh. Ram Rekha Dwivedi					
4.	Full correspondence address of proponent	R/O- Visundar	pur, Distt-Mi	rzapur (U.P.)		
5	Name of Project	Building Stone	(Sand Stone)	Mining	Project		
5.	Project location (Plot/Khasra/Gata No.)	Arazi No. 484	(Salid Stolle)	winning	110j001		
7	Name of Diver	MAZI NO. 404					
/.	Name of Village	NA Describelen					
8.	Tuluil	Devrikalan					
9.	Tensii	Marinan	、 、				
10.	District	Mirzapur (U.P)		D		
11.	Name of Minor Mineral	Building Stone	e (Sand Stone)	Mining	Project		
12.	Sanctioned Lease Area (in Ha.)	2.02 Ha.	0.411	0.11.)			
13.	Mineable Area (in Ha.)	1.6082 ha.(Saf	ety area 0.411	8 Ha.)			
14.	Zero level mRL	NA					
15.	Max. & Min mrl within lease area	Maximum mR	L 219 mRL N	linimun	n mRL 210 mRL		
16.	Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)		
		A	24°57'18.	1"N	82°40'34.5"E		
		В	24°57'18.0)"N	82°40'38.9"E		
		С	24°57'12.0	5"N	82°40'38.2"E		
		D	24°57'13.0)"N	82°40'33.6"E		
17.	Total Geological Reserves	$5.18.531 \text{ m}^3$					
18	Total Mineable Reserves	$20,200 \text{ m}^3 \text{ per}$	vear as per L(Л			
19	Total Proposed Production (in five year)	$1.01.000 \text{ m}^3$	year as per Ec	<i></i>			
20	Proposed Production/year	$20,200 \text{ m}^3 \text{ per}$	vear				
20.	Sanctioned Period of Mine lesse	10 Vear	year				
21.	Total Production	$\frac{10}{2} \frac{10}{000} \frac{10}{m^3} \frac{1}{fc}$	r 10 year				
22.	Method of Mining	2,02,000 III IC	n 10 year	1			
23.	Ne of working days	Open cast, sen	II-mechanized				
24.	Working hours/day	2.50 8 hours/day					
23.	No. Of working	8 hours/day					
26.	No. Of workers	24 6.7 Vahialas n					
27.	Teme of Lond	0-7 Venicles II	(Sand Stans)	Minina	Dusiant		
20.	Lutimete Douth of Mining	Dullang Stole	(Sand Stone)	ivining Sania ia a	Froject		
29.	Olumate Depth of Mining	9.25 meter ulti	mate depth of	mining	for 5 years as per		
20	Neenest metalled and from site	SIL 5 shout 1	ng pian.	North	West dimention from the		
30.	Nearest metalled road from site	SH-5 about 1.0	55 km towards	sinorin	west direction from the		
21	Watan Daminant	project site.			NUDEMENT (VID)		
31.	water Requirement	PURPUSE		KEU	QUIREMIENT (KLD)		
-		Drinking wate	r 6 1t		0.34 KLD		
-		Suppression of	dust		2.43 KLD		
		Plantation			5.0 KLD		
		Others (if any)			-		
	News COCLAS 19 10 19 19	I otal	Dec. 1		5.8 KLD approx.		
32.	Name of QCI Accredited Consultant with	Environmental	Research and	Analys	sis, Lucknow (U.P)		
	QUI NO	Certificate No.	NABEI/EIA	/1922/F ว	(AU200		
- 22	And period of validity.	and valid up to	30 Dec. 202	2			
33.	Any litigation pending against the project or land in any court	No					
34.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No 59	01/Khanij∕ क∘	स० /202	21-22 date 30/6/2021		
35	Details of Lease Area in approved DSR	Page No. 16. Sr. 141					
36	Proposed EMP cost	Rs. 14.27 140	/_				
37	Total Project cost	Rs. 99 80 000					
38	Length and breadth of Haul Road	270 m length and 6.0 m width					
39	No of Trees to be Planted	3000		**1			
40	Monitoring season	1 October 202	1 to 31 Dece	mher 70)21(nost monsoon)		
1 70.	montoring season	1 0000001 202		111001 ZU	μ_{\perp} (post monsoon)		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 13/06/2022 mentioning is as follows:

- I Dr. Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- NABET/ EIA/ 1922/RA 0200, valid till- 30/12/2022.
- I have prepared EIA/EMP report for the proposal No. SIA/UP/MIN/64351/2021 (File No. 6427), Sh. Jagadish Chandra Dwivedi S/o Sh. Ram Rekha Dwivedi of Stone (Sand stone) Mining at Arazi No. 484, Village-Devrikalan, Tehsil- Marihan, Mirzapur, U.P. (Leased Area -2.02 Ha). with my team.
- 3. I have personally visited the site of proposal.
- 4. I have satisfied with that all the necessary data/information required for EIA/EMP project presentations are true and correct.
- 5. I certify that no mining activity has been undertaken on the project site for the present proposal.
- 6. I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
- 7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
- 8. 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.

RESOLUTION AGAINST AGENDA NO. 02

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

3. <u>Sand Stone Mining at Gata No. 486, Sl. No.-21, Village-Pattikalan, Tehsil- Chunar,</u> <u>District- Mirzapur, Shri Shailendra Kumar Singh, M/s Paranjal Stone works, Area</u> <u>0.8090 ha. File No. 7120/Proposal No. SIA/UP/MIN/77489/2022</u>

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

 The terms of reference is sought for Pattikalan Building Stone Sand Stone Mine at Gata No. 486, Sl. No. 21, in Village- Pattikalan, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area 0.8090 Ha).

1.	On-line proposal No.	SIA/UP/MIN/ 77489 /2022
2.	File No. allotted by SEIAA, UP	7120
3.	Name of Proponent	M/s Parajal Stone works,
	-	Prop. Shri Shailendra Kumar Singh
4.	Full correspondence address of	R/o Rajpur, Post-Adalhat, Pachegda, District: Mirzapur, Uttar
	proponent and mobile No.	Pradesh.
		Mobile No-
		Email-
5.	Name of Project	Pattikalan Building stone Sand Stone Mining project
6.	Project location	Gata No. 486, Sl. No. 21
	(Plot/Khasra/Gata No.)	
7.	Name of River	-
8.	Name of Village	Pattikalan
9.	Tehsil	Chunar
10.	District	Mirzapur
11.	Name of Minor Mineral	Building Stone Sand Stone
12.	Sanctioned Lease Area (in Ha.)	0.8090 ha
13.	Max & Min mRL within lease	Max- 117.0 mRL & 104.0 mRL
	area	
14.	Pillar Coordinates (Verified by	Sanctioned Mining Lease Area

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

	DMO)	Pillar No.	Latitude		Longitude	
		A	25° 00'24.8"	'N	83°01'08.7"E	i
		B	25° 00'25.8"	'N	83°01'10.7"E	
		C	25°00'21.8"	'N	83°01'12.8"E	
		D	25° 00'21.1"	'N	82°01'10.7"E	
15.	Total Geological Reserves	2,47,772 Cum			· · · ·	
16.	Total Mineable Reserves in LOI	24,270 Cum/yea	ar			
17.	Total Proposed Production	24,270 Cum/ye	ear			
18.	Proposed Production/year	24,270 Cum/ye	ear			
19.	Sanctioned Period of Mine lease	20 years				
20.	Method of Mining	Open Cast Semi	i-mechanized Met	thod		
21.	No. of working days	260 days				
22.	Working hours/day	8 hrs				
23.	No. of workers	22				
24.	No. of vehicles movement/day	13				
25.	Type of Land	Government wa	ste land			
26.	Ultimate Depth of Mining	36				
27.	Nearest metalled road from site	0.5 km				
28.	Water Requirement	PURI	POSE	REQ	UIREMENT (KLD)	
		Drin	nking	0.22		
		Suppress	ion of dust	4.98		
		Plan	tation	1.62		
		Others	(if any)	0.22		
_			otal	7.04		
29.	Name of QCI Accredited	Cognizance Res	earch India Pvt. I	Ltd.		
	Consultant with QCI No and	1922, validity=	27-07-2022			
	period of validity.					
30.	Any litigation pending against	No				
	the project or land in any court					
31.	Details of 500 m Cluster Map &	Yes, certified				
	certificate issued by Mining					
22	Officer	· · · · · · · · · · · · · · · · · · ·	Dan			
32.	Details of Lease Area in	Yes, given in th	e DSR			
22	approved DSR	$D_{-1} = 1.1 (0.00)/$				
<u> </u>	Proposed CER cost	KS 1,16,000/-	11.26.900/ in als	din a CED	<u> </u>	
34.	Proposed EMP cost	Capital Cost-Rs	11,36,800/- inclu	iding CER	ξ.	
25	I anoth and breadth of Hayl	Length 0.415 k	4,08,000/-			
55.	Road	Length: 0.415 K	m, width: 6 m			
36.	No. of Trees to be Planted	809 plants				

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 16/06/2022 mentioning is as follows:

1. I Ankur Sharma S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.

- 2. I have prepared TOR project for the Proposal (SIA/UP/MIN/77489/2022) File No. 7120 of Pattikalan Building stone Sand Stone Mining project located at Gata No. 486, Sl. No. 21 Village-Pattikalan, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh. with my team.
- 3. I have personally visited the site of proposal.
- 4. I have satisfied with that all the necessary data/information required for TOR project preparations are true and correct.
- 5. I certify that no mining activity has been undertaken on the project site for the present proposal.
- 6. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
- 7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 03

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

Additional TOR:

- 1. 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.
- 2. 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.
- 3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
- 5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. 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.
- 10. 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.
- 11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

4. <u>Sand Stone Mine at Gata No.- 428, Sl. No.- 33, Village- Dhuria, Tehsil- Chunar,</u> <u>Mirzapur, Mr. Shri Bajrang Bali Singh,M/s Priyanshu Stone works, Area 0.8090</u> <u>ha. File No. 7121/Proposal No. SIA/UP/MIN/77493/2022</u>

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

- 1. The terms of reference is sought for Dhuria Building Stone Sand Stone Mine at Gata No. 428, Sl. No. 33, in Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area 0.8090 Ha).
- 2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/ 77493 /2022				
2. File No. allotted by SEIAA, UP	7121				
3. Name of Proponent	M/s Priyanshu S	tone works			
_	Shri Bajrang Ba	li Singh			
4. Full correspondence address of	R/o Parsiya, Ru	oaudha, District: Mir	zapur, Uttar Pradesh.		
proponent and mobile No.	Mobile No-				
	Email-				
5. Name of Project	Dhuria Building	stone Sand Stone M	lining project		
6. Project location (Plot/Khasra/Gata	Gata No. 428, S	l. No. 33			
No.)					
7. Name of River	-				
8. Name of Village	Dhuria				
9. Tehsil	Chunar				
10. District	Mirzapur				
11. Name of Minor Mineral	Building Stone S	Sand Stone			
12. Sanctioned Lease Area (in Ha.)	0.8090 ha				
13. Max & Min mRL within lease	Max- 112.0 mR	L & 104.0 mRL			
area					
14. Pillar Coordinates (Verified by		Sanctioned Mining	Lease Area		
DMO)					
	Pillar No. Latitude Longitude				
	A 25° 02'38.8"N 83°02'60.0"E				
	В	25° 02'39.31"N	83°03'04.3"E		
	C	25° 02'37.00"N	83°03'04.4"E		
	D	25° 02'36.50"N	83°03'0.50"E		
15. Total Geological Reserves	2,77,434 Cum				
16. Total Mineable Reserves in LOI	24,270 Cum/yea	r			
17. Total Proposed Production	24,270 Cum/ye	ear			
18. Proposed Production/year	24,270 Cum/ye	ear			
19. Sanctioned Period of Mine lease	20 years				
20. Method of Mining	Open Cast Semi	-mechanized Method	d		
21. No. of working days	260 days				
22. Working hours/day	8 hrs				
23. No. of workers	22				
24. No. of vehicles movement/day	13				
25. Type of Land	Government wa	ste land			
26. Ultimate Depth of Mining	30				
27. Nearest metalled road from site	0.5 km				
28. Water Requirement	PURPOSE REQUIREMENT (KLD)				
	Drir	hking	0.22		
	Suppression of dust 1.50		1.50		
	Plantation 1.62				
	Others (if any) 0.22				

		Total	3.56
29.	Name of QCI Accredited	Cognizance Research India Pvt. I	Ltd.
	Consultant with QCI No and	1922, validity= 27-07-2022	
	period of validity.		
30.	Any litigation pending against the	No	
	project or land in any court		
31.	Details of 500 m Cluster Map &	Yes, certified	
	certificate issued by Mining		
	Officer		
32.	Details of Lease Area in approved	Yes, given in the DSR	
	DSR		
33.	Proposed CER cost	Rs 1,16,000/-	
34.	Proposed EMP cost	Capital Cost-Rs 11,36,800/- inclu	iding CER
		Recurring Cost- 4,08,000/-	
35.	Length and breadth of Haul Road	Length: 0.128 km, width: 6 m	
36.	No. of Trees to be Planted	809 plants	

- 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 17/06/2022 mentioning is as follows:

- 1. I Ankur Sharma S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
- I have prepared TOR project for the Proposal (SIA/UP/MIN/77493/2022) File No. 7121 of Dhuria Building stone Sand Stone Mining project located at Gata No. 428, Sl. No. 33 Village- Dhuria, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh. with my team.
- 3. I have personally visited the site of proposal.
- 4. I have satisfied with that all the necessary data/information required for TOR project preparations are true and correct.
- 5. I certify that no mining activity has been undertaken on the project site for the present proposal.
- 6. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
- 7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 04

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

Additional TOR:

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

- 2. 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.
- 3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
- 5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. 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.
- 10. 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.
- 11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

5. <u>Sand Stone Mining at Gata No.626, Sl. No. 19 Village- Bhuili, Tehsil- Chunar,</u> <u>District: Mirzapur, Smt. Gangajali Devi. Area: 0.8090 ha. File No. 7124/Proposal</u> No. SIA/UP/MIN/77563/2022

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

1. The terms of reference is sought for Bhuili Building Stone Sand Stone Mine at Gata No. 626, Sl. No. 19, in Village- Bhuili, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area 0.809 Ha).

1.	On-line proposal No.	SIA/UP/MIN/ 77563 /2022
2.	File No. allotted by SEIAA, UP	7124
3.	Name of Proponent	Prop. Smt Gangajali Devi
4.	Full correspondence address of	R/o Rajupur Pachendega, District: Mirzapur Uttar Pradesh.
	proponent and mobile No.	Mobile No-
		Email-
5.	Name of Project	Bhuili Building stone Sand Stone Mining project
6.	Project location	Gata No. 626, Sl. No. 19
	(Plot/Khasra/Gata No.)	
7.	Name of River	-
8.	Name of Village	Bhuili
9.	Tehsil	Chunar
10.	District	Mirzapur
11.	Name of Minor Mineral	Building Stone Sand Stone
12.	Sanctioned Lease Area (in Ha.)	0.8090 ha

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

13.	Max & Min mRL within lease area	Max- 137.0 mRL & 95.0 mRL					
14.	Pillar Coordinates (Verified by	Sanctioned Mining Lease Area					
	DMO)	Pillar No.	Latitude		Longitude		
		А	25° 05'53.0"	N	83°02'54.3"E		
		B	25° 05'53.2"	N	83°02'56 0"E		
		C	25° 05'47.7"	N	83°02'55.7"E		
		D	25° 05'47.6"	N	83°02'53.9"E		
15.	Total Geological Reserves	4,10,412 Cum					
16.	Total Mineable Reserves in LOI	24,270 Cum/ye	ar				
17.	Total Proposed Production	24,270 Cum/y	ear				
18.	Proposed Production/year	24,270 Cum/y	ear				
19.	Sanctioned Period of Mine lease	20 years					
20.	Method of Mining	Open Cast Sem	i-mechanized Met	hod			
21.	No. of working days	260 days					
22.	Working hours/day	8 hrs					
23.	No. of workers	27					
24.	No. of vehicles movement/day	13					
25.	Type of Land	Government wa	aste land				
26.	Ultimate Depth of Mining	60					
27.	Nearest metalled road from site	0.5 km					
28.	Water Requirement	PUR	POSE	REQ	UIREMENT (KLD)		
		Dri	nking	0.27			
		Suppress	sion of dust	3.05			
		Plai	ntation	1.62			
		Others	s (if any)	0.27			
		Т	otal	5.21			
29.	Name of QCI Accredited	Cognizance Re	search India Pvt. I	.td.			
	Consultant with QCI No and	1922, validity=	27-07-2022				
	period of validity.						
30.	Any litigation pending against	No					
	the project or land in any court						
31.	Details of 500 m Cluster Map &	Yes, certified					
	certificate issued by Mining						
	Officer						
32.	Details of Lease Area in	Yes, given in th	ne DSR				
	approved DSR						
33.	Proposed CER cost	Rs 1,27,000/-					
34.	Proposed EMP cost	Capital Cost-Rs	s 11,47,800/- inclu	ding CER	ł		
		Recurring Cost	- 4,08,000/-				
35.	Length and breadth of Haul Road	Length: 0.128 k	am, width: 6 m				
36.	No. of Trees to be Planted	809 plants					

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 16/06/2022 mentioning is as follows:

- 1. I Ankur Sharma S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
- I have prepared TOR project for the Proposal (SIA/UP/MIN/77563/2022) File No. 7124 of Bhuili Building stone Sand Stone Mining project located at Gata No. 626, Sl. No. 19 Village- Bhuili, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh. with my team.
- 3. I have personally visited the site of proposal.
- 4. I have satisfied with that all the necessary data/information required for TOR project preparations are true and correct.
- 5. I certify that no mining activity has been undertaken on the project site for the present proposal.
- 6. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
- 7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 05

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

Additional TOR:

- 1. To ensure proper monitoring, the project proponent/consultant should provide evidence in 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.
- 2. 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.
- 3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
- 5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. 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.
- 10. 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.
- 11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

6. <u>Common Bio Medical Waste Treatment Facility (CBWTF) at Gata No-663, Village-Dhowadaber, Utraula, Balrampur, M/s Rajveer Ventures India Private Limited.</u> <u>File No. 7125/Proposal No. SIA/UP/MIS/77647/2022</u>

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 Shri Diwakar Singh. 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 Common Bio Medical Waste Treatment Facility (CBWTF) at Gata No-663, Village- Dhowadaber, Utraula, Balrampur, M/s Rajveer Ventures India Private Limited.
- 2. Brief project:

Name of the company	M/s Rajveer Ventures India Private Limited				
Location of Industry	Gata No-663, Village- Dhowadaber, Utraula, Balrampur, Uttar Pradesh-				
	271604				
S.No. In the schedule	7 (da): Common Bio-medical Waste Treatment Facility				
Project Proponent	Mr. Diwakar Singh, Partner				
	1/64A,Sector-1.Gomati Nagar, Vistar, Gomati Nagar, Lucknow				
Proposed plant capacity	Incinerator (Double chambered): 250 Kg/hr				
	Autoclave: 1000 Liters/Batch				
	Shredder: 150 Kg/hr				
	Chemical Disinfection Tank: 1500 Ltr				
	Effluent Treatment Plant: 10 KLD				
Geo-Coordinates	Latitude: 27°21'23.50"N				
	Longitude: 82°19'16.32"E				
Type of Project	New				
Identification of Project	Proposed project of CBWTF falls under Category B-1, schedule 7(da) as				
	per the EIA Notification 14 th Sep, 2006 and subsequent amendment dated				
	1 st December, 2009 & 17 th April, 2015.				
Proposed Treatment Capacity	5 tone per day of Bio Medical Waste				
Forest area/wildlife if any	None				

3. Salient features of the project:

S. No	Parameter	Description				
1.	Identification of	The Proposed project of CBWTF falls under Category B-1, schedule7(da) as				
	project	per the EIA Notification 14th Sep, 2006 and subsequent amendments dated				
		1st December, 2009 & 17th April, 2015.				
2.	Proposed Project	Environment Clearance for Proposed Common Bio Medical Waste Treatment				
		Facility (CBWTF) by M/s Rajveer Ventures India Private Limited				
		Gata No-663, Village- Dhowadaber, Utraula, Balrampur, Uttar Pradesh-				
		271604				
3.	Total area of the	0.4050 ha (1.10 Acre)				
	Plant					
4.	Capital Cost	Rs. 2.80 Crores				
5.	Location	Gata No-663, Village- Dhowadaber, Utraula, Balrampur, Uttar Pradesh-				
		271604				
6.	Coordinates of the	Latitude: 27°21'23.50"N				
	Site	Longitude: 82°19'16.32"E				
7.	Water Requirement/S	ource				
	Water Requirement	Total – 11.00 KLD				
	(KLD)	Fresh – 7.10 KLD				
		Recycled – 3.90 KLD				
	Source of water	Ground water Supply				
S. No	Parameter	Description				
8.	Water Break-up	Incineration Process : 2.40 KLD				
		Steam Generation (Heat Exchanger) : 0.20 KLD				
		Miscellaneous i.e. Floor & Vehicle washing etc. : 3.80 KLD				

		Domestic Purpose	: 0.60 KLD
		Green Belt	: 4.00 KLD
		Total	: 11.00 KLD
9	Waste Water	Proposed ETP (Capacity –10.0 KLD).	
	Management	Ind. Activities: 4.75 KLD, Domestic Purpose:	0.50 KLD.
	Waste water	Treated water from proposed ETP will be ret	used in Green belt for irrigation
	generation	purpose.	-
	Mode of Disposal		
10	Employment	Existing – Nil.	
	generation	Proposed – 20 Nos.	
		Total – 20 Nos.	
11	Power Supply/	Proposed Total – 40 KVA (Sources from UPP)	CL)
	Start up Power		
12	DG sets	Proposed – 35.0 KVA (01 No.)	
		Total – 35.0 KVA (01 No.)	
13	Land form, Land	Private Land	
	use		
	and land ownership		

4. Water requirement details:

S. No.	Requirement for	Water	Process	Waste water	ETP	Recycled/
	_	Consumption	Losses	generation	losses	Reuse
А.	Process (Scrubbing)	2.40	1.40	1.00	0.20	0.80
В.	Steam Generation	0.20	0.05	0.15	0.05	0.10
	(Autoclaving)					
C.	Miscellaneous i.e.,	3.80	0.20	3.60	0.60	3.0
	Floor washing,					
	Vehicle washing etc.					
D.	Domestic Purpose	0.60	0.10	0.50	0.00	0.00
E.	Green Belt	4.0	4.0	0.00	0.00	0.00
Total (KL	/Day)	11.0	5.65	5.25	0.85	3.90
		7.10 (Fresh) +				
		3.90 (Recycle)				

- 5. Waste water (4.75 KLD) is being generated from the Industrial Process and 0.50 KLD of waste water generated from domestic use will be treated in ETP (Capacity- 10.0 KLD). Treated water from (3.90 KLD) will be reused in scrubber for cooling purpose.
- 6. The entire system shall be a zero discharge system in terms of wastewater discharge from the process as the entire wastewater is re-circulated through ETP. Domestic Wastewater shall be treated in a septic tank and shall be collected in separate tank from where it shall be pumped for irrigation of green belt in the facility premises.
- 7. Solid waste details:

Total No. of Employees	20
Assuming per capita solid waste generation rate as 0.2 kg/	capita/day
Quantity of solid waste generated	4.0 kg/day
Organic solid waste : 60 % of the total waste	2.40 kg/day
Inorganic solid waste : 40 % of the total waste	1.60 kg/day
Disposal of domestic solid waste	Domestic wastes are segregated at source, collected
	in bins and composted.

0. Hazardous waste details.						
Sl. No.	Source	Quantity of hazardous	Category according to	o Treatment/ Disposal		
		waste	Schedule I of			
		Generated (Approx.)	hazardous waste			
1.	Spent Oil from DG	5.0 MTPA	5.1	Handed over to		
	set			authorized recyclers/re-		
				processors		
2.	Discarded	100 Nos./Annum	33.1	Handed over to		
	Containers /Barrels			authorized recyclers/re-		

8. Hazardous waste details:

				processors
3.	Sludge from Wet	1.0 MTPA	37.1	Send to TSDF / Co
	Scrubbers			processing industries.
4.	Ash from incinerator	5.0 MTPA	37.2	Send to TSDF / Co
	and flue gas cleaning			processing industries.
	residue			

9. The project proposal falls under category–7(da) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and recommended to issue terms of reference for the preparation of Environment Impact Assessment Report (EIA) regarding the project:

- 1. Project proponent should provide the gap analysis report from UPPCB as per revised CPCB Guideline of CBWTF.
- 2. The project proponent shall submit HCF's beds details and other bio-medical waste sources duly certified by concerning CMOs and other competent authority in the radial distance of 75 kms area of proposed CBWTF at the time of EIA presentation.
- 3. Project proponent shall submit the point wise clarification/ proposal for biomedical waste treatment and disposal with respect to revised guidelines for CBMWTF 2016 of CPCB.
- 4. The proposal should include storage/collection facility at proposed site for biomedical waste as per CBMWTF revised guidelines 2016 of CPCB.
- 5. Common biomedical waste inventory should be provided.
- 6. The EIA report should address regarding the disposal of covid-19 waste as per the latest guidelines.
- 7. Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental damages, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.
- 8. Submit the details of the road/rail connectivity along with the likely impacts and mitigative measures.
- 9. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
- 10. Executive summary of the project giving a prima facie idea of the objectives of the proposal, use of resources, justification, etc. In addition, it should provide EMP.
- 11. Land requirement for the facility including its break up for various purposes, its availability and optimization.
- 12. Details of proposed layout clearly demarcating various activities such as security. Waste Storage Rooms, Waste Treatment Equipment Rooms/Areas, Treated Waste Storage Room, Pollution Control Devices like APCS and ETP, ash storage/disposal area, vehicle washing areas, and others such as admin area, worker's room, health centers, greenbelt, etc.
- 13. Details on collection and transportation of Bio Medical Waste from health care establishments, No. of vehicles and feature of vehicles, etc.
- 14. Details of the treatment equipment's capacity and make. Details of the incineration system a statement on the compliance to the CPCB guidelines for common bio medical waste incinerators in respect of waste feed cutoffs, operating parameters of combustion chambers, flue gas cleaning, ash handling, etc. Details on fuel requirement for incineration. Details on flue gas emissions discharge through stack and proposed pollution control technologies. Details on residue/ash generation and management. Details of waste heat utilization, if any. Details on wastewater management alongwith zero discharge plans as committed by the project proponent.
- 15. Details of the proposed overall safety and health protection measures and submit specific programme.
- 16. Details on source of water and power supply along with solar light provision.

- 17. Details of the existing access road(s)/walkways to the designed operations in the site and its layout.
- 18. Location of the incineration facility and nearest habitats with distances from the facility to be demarcated on a toposheet (1: 50000 scale).
- 19. Land use map based on satellite imagery including location specific sensitivities such as national parks / wildlife sanctuary, villages, industries, etc.
- 20. Topography details.
- 21. Surface water quality of nearby water bodies.
- 22. Details on proposed groundwater monitoring wells, locations, frequency of monitoring, parameters, etc.
- 23. 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 alongwith list of beneficiaries with their mobile nos./address.
- 24. Action plan for the greenbelt development in accordance to CPCB published guidelines.
- 25. Details on pollution control technologies and online monitoring equipments.
- 26. Details on monitoring of pollutants at source –performance of the incinerator. Including operating hours, fuel consumption, operating parameters (Combustion chamber temperature, pressure, Stack temperature, total particulate matter, HCl, NOx as per Bio Medial Waste (Management & Handling) Rules 1998.
- 27. Stack and fugitive emissions may be monitored for SPM, SO2 & NOx as per Bio Medical Waste (Management & Handling) Rules 2016.
- 28. Details of Administrative and technical organizational structure.
- 29. EMP devised to mitigate the adverse impacts of the project should be provided along with item-wise cost of its implementation (Capital and recurring costs).
- 30. Details of the emergency preparedness plan and on-site & off-site disaster management plan.
- 31. Affidavit to be submitted for the actual surveys done with detailed photographs of monitoring etc.
- 32. Examine the details of transportation of Hazardous wastes, and its safety in handling.
- 33. Examine and submit the details of on line pollutant monitoring.
- 34. Examine the details of monitoring of Dioxin and Furon.
- 35. MoU for disposal of ash through the TSDF.
- 36. MoU for disposal of scrubbing waste water through CETP.
- 37. Examine and submit details of monitoring of water quality around the landfill site.
- 38. Examine and submit details of the odour control measures.
- 39. Examine and submit details of impact on water body and mitigative measures during rainy season.
- 40. Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment. Regular monitoring shall be carried out for odour control.
- 41. Water quality around the landfill site shall be monitored regularly to examine the impact on the ground water.
- 42. The storage and handling of hazardous wastes shall be as per the Hazardous Waste Management Rules.
- 43. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
- 44. Public hearing to be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the ToR letter issued by the SEIAA.
- 45. A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.
- 46. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.

47. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

The final EIA report after incorporation of public hearing observations/comments should be submitted to the committee for further consideration of the matter.

<u>Khanda, Gitty, Boulder, Red Morrum Mining, Gata No. 1078, Khand No-31, at Vill.</u> <u>- Gonda, Tehsil-Karwi, Chitrakoot. Smt. Anita Gupta M/s Sushil Stone Industry,</u> area 3.645 ha. File No. 7126/Proposal No. SIA/UP/MIN/77651/2022

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 terms of reference is sought for Granite-Imarati Patthar (Khanda, Gitty, Boulder, Red Morrum) Mining Project at Gata No-1078, Khand No-31, Village Gonda, Tehsil-Karwi, District-Chitrakoot, U.P., (Leased area 3.645 ha.), M/s Sushil Stone Industry.
- 2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/77651/2022		
2.	File No. allotted by SEIAA, UP	7126		
3.	Name of Proponent	M/s Sushil Stone Industry Smt. Anita Gupta (Prop)		
4.	Full correspondence address of	R/o-Vill Chhaukari, Tehsil- Garotha		
	proponent and mobile no.	District – Jhansi, U. P284128		
		Mobile no. – 9415414108		
		E mail ID - sushilstone2022@gmail.com		
5.	Name of Project	Terms of Reference for Proposed Granite-Imarati Pa	ıtthar	
		(Khanda, Gitty, Boulder, Red Morrum) Mining Proje	ct in	
		Gata No-10/8, Khand No-31, Lease area 3.645 ha	(9.99	
		acre) at Village - Gonda, Tehsil-Karwi, District-Chitra	ikoot,	
6	Project Location (Plat Khasra/Cata	Cata No. 1078. Khand No. 21		
0.	No.)	Gata INO-1078, Kilalid INO-51		
7.	Name of River	Building stone Project Nearest River (Ken River - 3)	0.30*	
		Km (W))		
8.	Name of Village	Village – Gonda		
9.	Tehsil	Karwi		
10.	District	Chitrakoot		
11.	Name of Minor Mineral	Granite-Imarati Patthar (Khanda, Gitty, Boulder, Red		
		Morrum)		
12.	Sanctioned Lease Area (in Ha.)	3.645 ha		
13.	Max. & Min mRL within lease area	Highest mRL - 290.0 mRL		
		Lowest mRL - 204.0 mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar Latitude Longitude		
		Total Area 3.645 ha		
		A 25° 11.705'N 80° 43.955'E		
		B 25° 11.689'N 80° 44.113'E	_	
		C 25° 11.617'N 80° 44.109'E	_	
1.5		D 25° 11.625'N 80° 43.957'E		
15.	I otal Geological Reserves	24,40,704 m ²		
16.	Total Mineable Reserve	21,87,000 m ³		
17.	Total Proposed Production	5,46,750 m ⁻ (5 years)		
18.	Proposed Production /year (as per LoI)	1,09,350 m ³ /annum 2,95,245 tons per annum		
19.	Sanctioned Period of Mine lease	Plan Period 5 years		

20.	Production of mine/day	364 m ³ /day
21.	Method of Mining	Opencast, /Semi-mechanized method
22.	No. of working days	300
23.	Working hours/day	8
24.	No. of worker	54
25.	No. of vehicles movement/day	79
26.	Type of Land	Govt./Non Forest Land
27.	Depth of Mining	6.0 m
28.	Nearest metalled road from site	0.45 km
29.	Water Requirement	PURPOSE
		Drinking - 0.54 KLD
		Suppression of dust - 5.4 KLD
		Plantation - 3.6 KLD
		Others (if any) - 0.00 KLD
		Total - 9.54 KLD
30.	Name of QCI Accredited Consultant	Paramarsh Servicing Environment and development
	with QCI No and period of validity.	NABET/EIA/2124 RA 0224, Valid till –01 May 2024
31.	Any litigation pending against the	No
	project or land in any court	
32.	Details of 500 m Cluster Certificate	Letter No – 85/ Khanij/2022-23 dated - 13/04/2022
	verified by Mining Officer	
33.	Details of Lease Area in approved DSR	Serial no. 02, Page no. 29
34.	Project Cost	97.0 Lacs
35.	Proposed CER cost	1.94 Lacs
36.	Length and breadth of Haul Road	Length -0.45 km, Breadth -6.00 m
37.	No. of Trees to be Planted	3,600

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 20/05/2022 mentioning is as follows:

- 1. I Pankaj Srivastava S/o Shri V.V. Srivastava is EIA Coordinator of M/s PARAMARSH (Servicing Environment and Development, Lucknow).
- I have prepared Form-1, Pre-feasibility report for the proposed Granite-Imarati Patthar (Khanda, Gitty, Boulder, Red Morrum) Mining Project at Gata No-1078, Khand No-31, Village - Gonda, Tehsil-Karwi, District-Chitrakoot, U.P., (Leased area 3.645 ha.), M/s Sushil Stone Industry, Proposal no. SIA/UP/MIN/77651/2022 with my team.
- 3. I have personally visited the site of proposal.
- 4. I have satisfied with that all the necessary data/information required for Form-1, Pre-feasibility report preparation are true and correct.
- 5. I certify that no mining activity has been undertaken on the project site for the present proposal.
- 6. I certify that this project has been uploaded for this first time on Parivesh portal.
- 7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 07

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

Additional TOR:

- 1. To ensure proper monitoring, the project proponent/consultant should provide evidence in 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.
- 2. 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.
- 3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
- 5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. 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.
- 10. 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.
- 11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

8. <u>Residential Group Housing Project "Shree Vinayakam Aradhya" at Vill.-Naraur &</u> <u>Balirampur, Varanasi, U.P., Shri Sharad Agarwal, M/s Shakuntalam</u> <u>Infradevelopers Ltd. File No. 7127/Proposal No. SIA/UP/MIS/275775/2022</u>

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 Developmental 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 environmental clearance is sought for Residential Group Housing Project "Shree Vinayakam Aradhya" at Vill.-Naraur & Balirampur, Varanasi, U.P., M/s Shakuntalam Infradevelopers Ltd.
- 2. Detailed area statement:

Sl. No.	Description	Area (m ²)	Percentage
1.	Plot Area	8915.24	

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2.	Area for Road Widening	245.35	
3.	Net Plot Area	8669.89	100
4.	Land for park (Green Area)	1352.46 (90 nos. of tress	15.59
		proposed to be planted)	
5.	Internal road circulation and other services	5292.89	61.06
6	Proposed Ground Coverage	2024.54	23.35
7	Permissible FAR 2.5 + Paid FAR 1.25	32512.5	@3.75
8	Incentive FAR for EWS & LIG	1900	
9	Total Permissible FAR	34412.05	@3.97
10	Total Proposed FAR	23815.18	@2.75
11	Lower Basement Area	2830.88	
12	Upper Basement Area	2830.83	
13	Stilt	1878.78	
14	Total Non-Far Area	8309.22	
15	Built up Area	34,449.02	
16	Number of floors	S+15	
17	Height of the building	47.95 m	
18	Total no. of Units	248 Flats	
19	Population	@5persons per flat	
		=5 x 248	
		=1240	
3. La	and use details:		

S. No	Details	Area(m ²)	Percentage (%)
1	Ground Coverage	2024.54	23.35
2	Green area	1352.46	15.59
3	Internal road circulation and other	5292.89	61.06
	services		
	Total	8669.89 m ²	100

4. Water calculation details:

Sl.	Water	unit/Area	Total	Rate of	f water	Total	Total	Total Water
No.	Description		Occu-	demand (L	PCD)	Fresh	Flushing/Recycled	Requirement
	_	$(in m^2)$	pancy	Fresh	Flushing	Water	water (KLD)	(KLD)
				Water	Water	(KLD)		
1	Residential	248 units	1240	65	21	81	26	107
2	Visitors(10%		124	5	10	1	1	2
	of total							
	residential							
	population)							
3	Staff(5% of	4 units	70	30	15	2	1	3
	total							
	residential							
	population)							
	+ Staff @							
	shop							
Total	Domestic water		•		•	84	28	112
4	Landscape	1352.46		Non-	5	0	7	7
	(m^2)			monsoon				
				$@5/m^2$				
				Monsoon	0.5	0	1	1
				<i>(a)</i> 0.5				
				$/m^2$				
	Total Water de	emand				84	36	120
						Grand T	otal ~120KLD	

5. Waste water details:

Fresh Water for domestic uses	84 KLD
Flushing	28 KLD
Horticulture / Landscape	8 KLD
Total Water Requirement	120 KLD
Source of water: Ground Water	

(Application for Ground water extraction has been submitted and is under process) Ground water will be used only in operation phase.

Waste water- Approximately 90 KLD waste water will be produced in operation phase of the project which will be treated in the onsite STP of 110 KLD and re-circulated for the low end uses (like Flushing, Car Washing and Horticulture)

STP Capacity-110 KLD

Location-Open

Technology- MBBR

6. 02 nos. of rain water harvesting pits are proposed.

7. Parking details:

Required Parking	
For Residential Area (@ 1 ECS per 80 m ² of permissible FAR)= $(25,495.83/80)$	250 ECS
Total Proposed Parking	
Basement Parking (1 ECS per 32 m ² of parking area)	159 ECS
Stilt Parking (1 ECS per 30 m ² of parking area)	74 ECS
Open Parking (1 ECS per 25 m ² of parking area)	51 ECS
Total Proposed Parking Space	284 ECS

8. Solid waste generation details:

Sr.	Particulars	Population	Waste generated (kg/day)	
No.				
1.	Residential (@0.5kg/day)	1240	620	
2.	Visitors (@ 0.15kg/day)	124	19	
3.	Staff (@0.25 kg/day)	80	20	
Total Solid waste generated		Approx. 659 Kg/day		
Horticulture Waste (0.0037/sq m/day)		10 Kg/Day		
E-Waste (@0.15 kg/C/Yr)		< 1 Kg/Day		
STP Sludge		~6 Kg/Day		
9. Power requirement details:				

Power requirement	1850 KVA
Source of power and supply capacity	UPPCL
Backup power supply arrangement	DG Sets : 2 x 200 KVA
Location of Gensets	Open

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

The consultant (EIA Coordinator) also submitted an affidavit dated 21/06/2022 mentioning 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/EMP report for the proposal SIA/UP/MIS/275775/2022 and file no. 7127 with my team.
- 3. I have personally visited the site of project proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
- 4. I have satisfied with that all the necessary data/information required for EIA/EMP 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.

RESOLUTION AGAINST AGENDA NO-08

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

Additional Conditions:

- 1. 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.
- 2. The proponent should provide the electric vehicle charging points and also allocate the safe and suitable place in the premises for the same.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

- 1. Statutory compliance:
 - 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 - 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
 - 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 - 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - 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 andPM25) covering upwind and downwind directions during the construction period.
 - 4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height).Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
 - 5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
 - 6. Wet jet shall be provided for grinding and stone cutting.
 - 7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.

- 8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- 9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
- 10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- 11. For indoor air quality the ventilation provisions as per National Building Code of India.
- 3. Water quality monitoring and preservation:
 - 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 - 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 - 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 - 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 - 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 - 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 - 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
 - 8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 - 9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 - 10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
 - 11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
 - 12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
 - 13. All recharge should be limited to shallow aquifer.
 - 14. No ground water shall be used during construction phase of the project.

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

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

- 6. Waste Management :
 - 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 - 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 - 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 - 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
 - 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 - 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 - 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
 - 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.

Stone (Gitti, Boulder, Khanda) Sand Stone mine at Araji No./Plot No./Gata No.-1744, Khand No.-59, at Village – Bhatauti, Tehsil- Meja, Prayagraj, Shri Rajeshwar Mishra, M/s Khushi Enterprises, Area 8.097 ha. File No. 6686/Proposal No. SIA/UP/MIN/69239/2021

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: -

 The environmental clearance is sought for Building Stone (Gitti, Boulder, Khanda) Sand Stone mine at Araji No./Plot No./Gata No.- 1744 Khand No.-59, Village – Bhatauti, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 8.097 ha.), M/s Khushi Enterprises.

- 2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 422/Parya/SEIAA/6686/2021, dated 07/01/2022.
- 3. The public hearing was organized on 10/05/2022 at Tehsil Meja, District Prayagraj, UP. Final EIA report submitted by the project proponent on 01/06/2022.

1.	On-line proposal No.	SIA/UP/MIN/69239/2021			
2.	File No. allotted by SEIAA, UP	6686			
3.	Name of Proponent	M/s Khushi Enterprises			
	-	Rajeshwar Mishra (Prop)			
4.	Full correspondence address of	Rajeshwar Mishra (Prop)			
	proponent and mobile no.	R/o: D-168, Gangotri Nagar Dandi, Prayagraj. U.P-211008			
		Mobile no. – 9919945080			
		E mail ID - khu	shistone99@gmail.co	m	
5.	Name of Project	Environment C	learance of Proposed	Building Stone (Gitti,	
		Boulder, Khan	da) Sand Stone mi	ine at Araji No./Plot	
		No./Gata No	1/44 Khand No.–59.	Area 8.097 ha. (20.0	
		Acres) at Village – Bhatauti, Tehsil- Meja, District-			
6	Project Location (Plot Khasra/Gata	Argii No /Plot	Vo 1744 Khand No	50	
0.	No)		vo 1744 Knunu Ivo	J9	
7	Name of River	Tones River – 2	2 50 Km (N)		
7. 8	Name of Village	Rhatauti			
0. 0	Tehsil	Meia			
10	District	Pravagraj			
10.	Name of Minor Mineral	Building Stone	(Gitti Boulder Khan	1a)	
11.	Sanctioned Lease Area (in Ha)	8 007 ha (20 0	(Ontri, Dourder, Kildik		
12.	Max & Min mPL within lease area	8.097 Ila. (20.0 Acres)			
15.	Max. & Min mice within lease area	Lowest mRL 97 90 mRI			
14	Pillar Coordinates (Verified by				
11.	DMO)	Point	Latitude	Longitude	
	,	A	25° 09'35.21"N	82° 03'16.74"E	
		В	25° 09'33.21"N	82° 03'25.14"E	
		C	25° 09'30.95"N	82° 03'28.89"E	
		D	25° 09'22.83''N	82° 03'23.88"E	
		Е	25° 09'29.96"N	82° 03'15.20"E	
15.	Total Geological Reserves	$33.64.420 \text{ m}^3/9$	9420376 Tonnes		
16.	Total Mineable Reserve	$18.11.928 \text{ m}^3$ /	5073398 Tonnes		
17.	Total Proposed Production	4,04,850 m ³ (5	vears)		
18.	Proposed Production /year (as per	80.970 m ³ /annu	um 226716 TPA		
10.	LoI)				
19.	Sanctioned Period of Mine lease	Plan period - 5	years		
20.	Method of Mining	Opencast, /Semi	-mechanized method		
21.	No. of working days	300			
22.	Working hours/day	8			
23.	No. of worker	44			
24.	No. of vehicles movement/day	30			
25.	Type of Land	Govt./Non Fore	est Land		
26.	Depth of Mining	6.0 m			
27.	Nearest metalled road from site	0.60 km			
28	Water Requirement	PURPOSE			
20.		Drinking	- 0.4	44 KLD	
		Suppression of dust - 7.20 KLD			
		Plantation	- 10.	0 KLD	
		Others (if any)	- 0.0	0 KLD	
		Total	- 1	7.64 KLD	

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

29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124/RA 0224 Valid till –May 01, 2022
30.	Any litigation pending against the project or land in any court	No
31.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 2992/Khanij/2021-22, dated - 08/09/2021
32.	Details of Lease Area in approved DSR	Serial no. 403, Page no. 39
33.	Project Cost	1.70 Crore/year
34.	Proposed CER cost	3.34 lacs/annum
35.	Length and breadth of Haul Road	Length -0.60 km, Breadth -6.00 m
36.	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-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 20/05/2022 mentioning is as follows:

- 1. I Pankaj Srivastava S/o Shri V.V. Srivastava is EIA Coordinator of M/s PARAMARSH (Servicing Environment and Development, Lucknow).
- I have prepared EIA/EMP report for the proposed Building Stone (Gitti, Boulder, Khanda) Sand Stone mine at Araji No./Plot No./Gata No.- 1744 Khand No.-59, Village – Bhatauti, Tehsil-Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 8.097 ha.), M/s Khushi Enterprises, proposal no. SIA/UP/MIN/69239/2022 with my team.
- 3. I have personally visited the site of proposal.
- 4. I have satisfied with that all the necessary data/information required for EIA/EMP report preparation are true and correct.
- 5. I certify that no mining activity has been undertaken on the project site for the present proposal.
- 6. I certify that this project has been uploaded for this first time on Parivesh portal.
- 7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
- 8. 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.

RESOLUTION AGAINST AGENDA NO. 09

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.

10. <u>Stone, Khanda /Boulder/ Ballast (Gitti) Mining at Arazi No. 712(Khand 06) Village-</u> <u>Chhikahra, Tehsil-Sadar, Mahoba, Shri Rajendra Kumar Shivhare, Area 1.821 Ha.</u> File No. 7128/6312/Proposal No. SIA/UP/MIN/74745/2021

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

- 1. The environmental clearance is sought for Chhikahra Building Stone, Khanda /Boulder/ Ballast (Gitti) Mine at Arazi No. 712 (Khand 06), Village- Chhikahra, Tehsil- Sadar, District- Mahoba, Uttar Pradesh, (Leased Area 1.821 ha).
- 2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 250/Parya/SEIAA/6312/2021 dated 12.10.2021.
- 3. The public hearing was organized on 23/12/2021. Final EIA report submitted by the project proponent on 01/06/2022.

 On-line proposal No. 	SIA/UP/MIN/74745/2021
2. File No. allotted by SEIAA, UP	7128/6312
3. Name of Proponent	Prop. Shri Rajendra Kumar Shivhare
 Full correspondence address of proponent and mobile No. 	R/o Indranagar, Tehsil- Mahoba, District- Mahoba, State-Uttar Pradesh
	Mobile No-
	Email-
5 Name of Project	Chhikahra Building Stone, Khanda, Boulder Ballast (Gitti)Mining

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

	project			
6. Project location (Plot/Khasra/Gata	Arazi No. 712(Khand 06)			
No.)		,		
7. Name of River	-			
8. Name of Village	Chhikahra			
9. Tehsil	Sadar			
10. District	Mahoba			
11. Name of Minor Mineral	Building Stone	or Khanda, Boulder	, Ballast (Gitty)	
12. Sanctioned Lease Area (in Ha.)	1.821ha			
13. Max & Min mRL within lease area	Max- 205mRL	and Min- 184mRL		
14. Pillar Coordinates (Verified by DMO)		Sanctioned Minin	g Lease Area	
DNO	Pillar No.	Latitude	Long	gitude
	A	25°21'58.16"N	79°52	'48.63''E
	В	25°21'57.30"N	79°52	'53.85''E
	С	25°21'51.86"N	79°52	'52.57''E
	D	25°21'52.27"N	79°52	'50.78''E
	E	25°21'54.11"N	79°52	'50.85"E
	F	25°21'55.52"N	79°52	'49.48''E
	G	25°21'52.75"N	79°52	'47.09''E
15. Total Geological Reserves	10,94,586 m ³			
16. Total Mineable Reserves in LOI	1,12,500 m ³ /Yr			
17. Total Proposed Production	1,12,500 m ³ /Yr			
18. Proposed Production/year	1,12,500 m ³ /Yr			
19. Sanctioned Period of Mine lease	Maximum 10 y	ears		
20. Method of Mining	Open Cast Sem	i-mechanized Metho	od	
21. No. of working days	275 days			
22. Working hours/day	8 hrs			
23. No. of workers	55			
24. No. of vehicles movement/day	58			
25. Type of Land	Government wa	iste land		
26. Ultimate Depth of Mining	42			
27. Nearest metalled road from site	0.8 km			
28. Water Requirement	PUR	POSE	REQUIREMEN	NT (KLD)
	Drinking		0.55	
	For toilets		0.55	
	Suppression o	f dust	9.6	
	Plantation		3.642	
	Others (if any)	-	
	Total		14.342	
29. Name of QCI Accredited	Cognizance Re	search India Pvt. Ltd	l.	
Consultant with QCI No and period	1922, validity=	27-07-2022		
of validity.				
30. Any litigation pending against the project or land in any court	No			
31. Details of 500 m Cluster Map &	Yes, certified			
certificate issued by Mining	,			
Officer				
32. Details of Lease Area in approved DSR	Yes, given in the DSR			
33. Proposed CER cost	Rs 5,90.000/-			
34. Proposed EMP cost	Capital Cost-Rs	24,20,000/- includi	ng CER	
1	Recurring Cost	- Rs 5,90,000/-	0	
35. Length and breadth of Haul Road	Length: 0.8 km	, width: 6 m		
36. No. of Trees to be Planted	1821plants			

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

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

The consultant (EIA Coordinator) also submitted an affidavit dated 22/06/2022 mentioning is as follows:

- 1. I Ankur Sharma S/o Lalit Mohan Sharma am EIA Coordinator of Cognizance Research India Pvt. Ltd.
- I have prepared EIA project for the Proposal (SIA/UP/MIN/74745/2022) File No. 7128/6312 of Chhikahra Building Stone, Khanda /Boulder/ Ballast (Gitti) Mine at Arazi No. 712 (Khand 06), Village- Chhikahra, Tehsil- Sadar, District- Mahoba, Uttar Pradesh, (Leased Area 1.821 ha) with my team.
- 3. I have personally visited the site of proposal.
- 4. I have satisfied with that all the necessary data/information required for EIA project preparations are true and correct.
- 5. I certify that no mining activity has been undertaken on the project site for the present proposal.
- 6. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
- 7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 10

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.

11. Expansion of Group Housing Project at Plot No. 08/GH-01, Sector-08, Siddharth Vihar, Ghaziabad, U.P., M/s T &T Realtech Pvt. Ltd. Shri Nikhil Sisodiya. File No. 7129/Proposal No. SIA/UP/MIS/274583/2022

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 Ambiental Global 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 Expansion of Group Housing Project at Plot No. 08/GH-01, Sector-08, Siddharth Vihar, Ghaziabad, U.P., M/s T &T Realtech Pvt. Ltd.
- 2. The environmental clearance for the existing project was issued by SEIAA, U.P. vide letter no. 145/Parya/SEAC/4067/2018, dated 11/06/2018 for the plot area 29625 sqm and built up area 1,24,206.63 sqm.

S. No.	Description	Area//Details
1.	Plot Area	29,625 Sq.m
2.	Built-up Area	149240.90 Sq.m [1,24,206.63 (Existing as per earlier EC
		dated 11th June,2018) + 25034.27 Sq.m (Newly
		Proposed)]
3.	Geo Co-ordinates	Latitude: 28°39'26.70"N
		Longitude: 77°24'20.72"E
4.	Green Area	6446.24 Sq.m (100 nos. of tree proposed to be plated)
5.	Estimated Water Requirement with	
	source:	2500 KL source :nearby CSTPs
	Construction Phase	315 KLD
	Operational Phase	Fresh water- 204. KLD, source- Municipal Supply
		Flushing water-87 KLD, source- In house STP
6.	Estimated wastewater generation and	250 KLD
	treatment	(STP with capacity of 300 KLD based on MBBR)
7.	Power Demand and Source	2150 kVA by Uttar Pradesh Power Corporation Limited
	Power Back-up	(UPPCL).
		Two Nos. of DG sets of total capacity 1,350 kVA (600
		kVA + 750 kVA)
8.	Solid Waste Generation	1582 Kg/day
9.	Parking Facilities Required	Required: 741 ECS.
	Total Parking required	Provided: 1516 ECS.
	Total Parking Proposed	
10.	RWH Pits	07 pits
11.	Project Cost	94.50 crores
12.	Project Completion Date	December, 2025

3. Salient features of the project:

4. Comparative details of existing and expansion project:

Minutes of 667th SEAC-1 Meeting Dated 22/06/2022

S.No.	Particulars	Area	Total Area after Post
		$(in m^2)$ (As per earlier EC)	Expansion
1.	Total Plot Area	29625	29,625
2.	Permissible Ground Coverage	7,270.20	10,368.75
3.	Proposed Ground Coverage	4,545.79	7304.57
4.	Total Proposed F.A.R	72936.96	86164.41
5.	Total Non F.A.R Area	51,269.67	63076.49
6	Total Built Up Area	1,24,206.63	1,49,240.90

5. Detailed area statement:

•	Total Basement-01 Area	:	24676.47 SQ.MT.
•	Total Basement-02 Area	:	24676.47 SQ.MT.
•	Total residential Area with facility +& Balcony Ar	rea :	91776.84 SQ.MT.
•	Commercial Area	:	393.23 SQ.MT.
•	Community Area	:	1480.40 SQ.MT.
•	Guard Hut Non FAR Area	:	3.20 SQ.MT.
•	E.S.S	:	165.37 SQ.MT.
•	U.G.T	:	94.88 SQ.MT.
•	S.T.P	:	141.96 SQ.MT.
•	Block –A (E.W.S & L.I.G)	:	5810.74 SQ.MT
Т	otal built up Area	:	149240.90 SQ.MT

6. Water calculation details:

			·	-		
S.	Description	Total	Total	Rate o	f water	Total Water Requirement
No.		Area	Occupancy	demand	(lpcd)	(KLD)
		(m ²)				
А.	Domestic Water					
(a)	Residential Water Requirem	ent				
	Residents		2,475500	86		212.85
	General Flats			86		43
	EWS & LIG					
	Maintenance Staff		274	30		8.22
	Visitor/Floating		798	10		7.98
(b)	Commercial and		625	30		18.75
	Community Centre staffs					
	Total Domestic Water Demand					290.80 Says 291 KLD
B.	Horticulture	6,446.24		3 lt./s	qm/day	19.33
C.	Swimming Pool makeup water					5 KLD
Total Water Requirement (A + B + C)					315.13 KLD Says 315 KLD	
7. Waste water details:						
Domes	stic Water Requirement				291 KLD	
Total I	Fresh Water Requirement (@ 7	70 % of don	nestic)		204 KLD	
Flushi	ng (@ 30 % of domestic)				87 KLD	
Wastewater Generated					(163 + 87)= 250 KLD	
(@ 80% fresh domestic water + 100% flushing)						
STP Capacity					300 KLD	
Treated Water Generation				200 KLD		
8. Solid waste generation details:						
S. No.	Category		kg per capita	a per day		Waste generated
				- •		(kg/day)
1	D 11		0.455005	1 / 1		1 007 5

S. No.	Category	kg per capita per day	Waste generated
			(kg/day)
1.	Residents	2,475@ 0.5 kg/day	1,237.5
2.	Staff (Maintenance +	899@ 0.25 kg/day	224.75
	Convenient shops +		
	Community Centre)		
3.	Visitors	798@ 0.15 kg/day	119.7
4.	Landscape waste	@ 0.2 kg/acre/day	0.318
	(1.59 acres)		
	TOTAL SOLID WASTE GENER	ATED	1,582.26 say
			1,582 kg/day

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

The consultant (EIA Coordinator) submitted an affidavit dated 11/05/2022 mentioning is as follows:

- 1. I, Laxmi Singh D/o Ram Murti Singh is EIA Coordinator of Ambiental Global Pvt. Ltd.
- 2. I have prepared EIA/EMP report for the File No. 7129, Proposal No. SIA/UP/MIS/274583/2022, Name- Expansion of Group Housing Project at Plot No. 08/GH-01, Sector-08, Siddharth Vihar, Ghaziabad, U.P., M/s T &T Realtech Pvt. Ltd 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 have satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
- 5. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
- 6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO-11

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

Additional Conditions:

- 1. 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.
- 2. The project proponent shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR", directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.
- 3. The proponent should provide the electric vehicle charging points and also allocate the safe and suitable place in the premises for the same.
- 4. Project Proponent should adopt 01 villages & develop them as model village.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

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

- 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
- 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
- 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- 2. Air quality monitoring and preservation:
 - 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 - 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 - 3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 andPM25) covering upwind and downwind directions during the construction period.
 - 4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height).Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
 - 5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
 - 6. Wet jet shall be provided for grinding and stone cutting.
 - 7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
 - 8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
 - 9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
 - 10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
 - 11. For indoor air quality the ventilation provisions as per National Building Code of India.
- 3. Water quality monitoring and preservation:
 - 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 - 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 - 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 - 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record

shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.

- 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
- 8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- 9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- 10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- 11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- 12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- 13. All recharge should be limited to shallow aquifer.
- 14. No ground water shall be used during construction phase of the project.
- 15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- 16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- 17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
- 18. No sewage or untreated effluent water would be discharged through storm water drains.
- 19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- 20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
- 21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
- 4. Noise monitoring and prevention:
- 1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
- 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
- 5. Energy Conservation measures:
 - 1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 - 2. Outdoor and common area lighting shall be LED.
 - 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
 - 4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
 - 5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
 - 6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
- 6. Waste Management :
 - 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 - 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 - 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 - 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
 - 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 - 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 - 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.

- 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.

12. <u>Silica Sand Mining at Araji No./Plot No./Gata No.- part of 207 and part of 56,</u> <u>Village – Bankipur, Tehsil- Bara, District- Prayagraj, Smt . Santoshi Singh, M/s</u> <u>Maa Pitambara Traders, Area 23.50 ha. File No. 7130/Proposal No.</u> <u>SIA/UP/MIN/77695/2022</u>

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: -

 The terms of reference is sought for "Silica Sand Mine" at Araji No./Plot No./Gata No.- part of 207 and part of 56, Village – Bankipur, Tehsil- Bara, District- Prayagraj, Uttar Pradesh, (Leased Area 23.50 ha.), M/s Maa Pitambara Traders.

1.	On-line proposal No.	SIA/UP/MIN/7/695/2022
2.	File No. allotted by SEIAA, UP	7130
3.	Name of Proponent	M/s Maa Pitambara Traders
		Smt. Santoshi Singh (prop.)
		W/o Shri Deepak Kumar singh
		R/o – 12 Hanumanbag Colony, Mumfordganj
		Tehsil – Sadar, District – Prayagraj, UP
4.	Full correspondence address of	khushidksingh@gmail.com
	proponent and mobile no.	9415221303
5.	Name of Project	"Silica Sand Mine" at Araji No./Plot No./Gata No part of
		207 and part of 56, Area 23.50 ha at Village – Bankipur,
		Tehsil- Bara, District- Prayagraj, Uttar Pradesh of M/s Maa
		Pitambara Traders
6.	Project Location (Plot. Khasra/Gata	Gata No part of 207 and part of 56, Area 23.50 ha at
	No.)	Village- Bankipur
7.	Name of River	Silica Sand Mine Project (Nearest River Yamuna – 6.67 Km
		(NW))
8.	Name of Village	Bankipur
9.	Tehsil	Bara
10.	District	Prayagraj
11.	Name of Minor Mineral	Silica Sand Mine
12.	Sanctioned Lease Area (in Ha.)	Area- 23.50 ha
13.	Max. & Min mRL within lease area	Highest mRL 119.60 mRL & Lowest mRL 101.10 mRL
14.	Pillar Coordinates (Verified by	Point Latitude Longitude

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

	DMO)	A 25°16'59.10"N 81°39'46.83"E
		B 25°17'14.81"N 81°39'50.00"E
		C 25°17'21.71"N 81°40'58.83"E
		D 25°17'20.44"N 81°40'3.95"E
		E 25°17'17.81"N 81°40'2.59"E
		F 25°17'13.91"N 81°40'6.64"E
		G 25°17'6.42"N 81°40'3.34"E
		H 25°16'59.86"N 81°39'54.14"E
15.	Total Geological Reserves	Silica sand – 67, 89,141 m3 (60%)
		Stone – 45, 26,094 m3 (40 %)
16.	Total Mineable Reserve	Silica sand – 59, 29,140 m3 (60%)
		Stone – 39, 52,760 m3 (40 %)
17.	Total Proposed Production	Silica sand $-3,67,960$ m ³ (5 years)
		Stone $-2,45,310 \text{ m}^{\circ}$ (5 years)
18.	Proposed Production /year (as per	Silica sand 73,592 m3 /annum (60 %)
1.0	Lol)	Stone 49,062 m3 /annum (40 %)
19.	Sanctioned Period of Mine lease	5 years
20.	Production of mine/day	Silica sand - 245 m ³ /day
		Stone- 163 m ³ /day
21.	Method of Mining	Opencast, /Semi-mechanized method
22.	No. of working days	300
23.	Working hours/day	8
24.	No. of worker	117
25.	No. of vehicles movement/day	24
26.	Type of Land	Govt./Non Forest Land
27.	Depth of Mining	20.0 m
28.	Nearest metalled road from site	0.10 km
29.	Water Requirement	PURPOSE
		Drinking - 1.17 KLD
		Suppression of dust - 1.2 KLD
		Plantation - 23.0 KLD
		Others (if any) - 0.00 KLD
		Total ~ 25.0 KLD
30.	Name of QCI Accredited	Paramarsh Servicing Environment and development
	Consultant with QCI No and period	NABET/EIA/2124 RA 0224, Valid till –01 May 2024
	of validity.	
31.	Any litigation pending against the	No
	project or land in any court	
32.	Details of 500 m Cluster Certificate	Letter No –4896/Khanij/2021-22, dated - 04/02/2022
	verified by Mining Officer	
33.	Details of Lease Area in approved	Serial no.04
24		100 Course
34.	Project Cost	1.90 Crore
35.	Proposed CER cost	3.80 lacs
36.	Length and breadth of Haul Road	Length -0.10 km, Breadth -6.00 m
37.	No. of Trees to be Planted	23,000

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 20/05/2022 mentioning is

as follows:

- 1. I Pankaj Srivastava S/o Shri V.V. Srivastava is EIA Coordinator of M/s PARAMARSH (Servicing Environment and Development, Lucknow).
- 2. I have prepared Form-1, Pre-feasibility report for the proposed "Silica Sand Mine" at Araji No./Plot No./Gata No.- part of 207 and part of 56, Village Bankipur, Tehsil- Bara, District- Prayagraj, Uttar Pradesh, (Leased Area 23.50 ha.), M/s Maa Pitambara Traders, proposal no. SIA/UP/MIN/77695/2022 with my team.
- 3. I have personally visited the site of proposal.
- 4. I have satisfied with that all the necessary data/information required for Form-1, Pre-feasibility report preparation are true and correct.
- 5. I certify that no mining activity has been undertaken on the project site for the present proposal.
- 6. I certify that this project has been uploaded for this first time on Parivesh portal.
- 7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 12

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

Additional TOR:

- 1. To ensure proper monitoring, the project proponent/consultant should provide evidence in 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.
- 2. 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.
- 3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
- 5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. 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.
- 10. 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.
- 11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

13. Expansion of Group Housing Project at Plot No. 3/SP-03, Sector-03, Siddharth Vihar, Ghaziabad, U.P. Shri Nikhil Sisodiya, M/s T&T Infrazone Pvt. Ltd. File No. 7101/Proposal No. SIA/UP/MIS/273951/2022

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 Ambiental Global 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 Expansion of Group Housing Project at Plot No. 3/SP-03, Sector-03, Siddharth Vihar, Ghaziabad, U.P. M/s T&T Infrazone Pvt. Ltd.
- 2. The environmental clearance for the existing project was issued by SEIAA, U.P. vide letter no. 285/Parya/SEAC/3911/2017, dated 31/03/2018 for the plot area 20,494.00 sqm and built up area 1,11,813.54 sqm.

S.N.	Description	Area//Details
1.	Plot Area	20,494 Sq.m
2.	Built-up Area	1,42,178.35 Sq.m [1,11,813.54 (Existing as per earlier EC
		dated 31st March,2018) + 30364.81 Sq.m (Newly
		Proposed)]
3.	Green Area	5624.16 Sq.m (16.71% of the total plot area of the
		proposed project.)
4.	Estimated Water Requirement with	
	source:	2087 KL source :nearby CSTPs
	Construction Phase	436 KLD
	Operational Phase	Fresh water- 300 KLD, source- Municipal Supply
		Flushing water-100 KLD, source- In house STP
5.	Estimated wastewater generation and	340 KLD (STP with capacity of 415 KLD based on
	treatment	MBBR)
6.	Power Demand and Source	2290 kVA by Uttar Pradesh Power Corporation Limited
	Power Back-up	(UPPCL).
		4 Nos. of DG sets of total capacity 3110 kVA (1x1010 kVA
		$+2x750+1 \times 600 \text{ kVA})$
7.	Solid Waste Generation	2417 Kg/day
8.	Parking Facilities Required	Required :960 ECS.
	Total Parking required	Provided: 1464 ECS.
	Total Parking Proposed	
9.	RWH Pits	05 pits
10.	Project Cost	228 crores
11.	Project Completion Date	December, 2025

3. Salient features of the project:

12. Comparative details of existing and expansion project:

			1
S.No.	Particulars	As per EC	Expansion Area
		Accorded	(m^2)
		Area(m ²)	
1.	Total Plot Area	20,494.00	20,494.00
2.	Permissible Ground Coverage (@ 35% of Total Plot	7,172.9	7172.90
	Area)		
3.	Proposed Ground Coverage	4,108.57	4601.35
		(@ 20.05% Plot	(@ 22.45% Plot
		Area)	Area)
4.	Total Permissible F.A.R	58660.75	90085.75
	a. Total Permissible F.A.R as per for housing (@2.5)	51,235.00	51,235.00
	b. Additional FAR Area for Purchase	-	25617.5
	c. Required Incentive F.A.R for EWS and LIG (Area of	4864	5548
	EWS units + Area of LIG units)		
	d. Permissible F.A.R for commercial	512.35	412

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					(@. 1% of	(@ 0.5% of
					Permissible	Permissible
					F.A.R)	F.A.R)
	e. Permissibl	e 5% for Fa	cility		2561.75	3842.63
	f. Additional	FAR area of	of Green Building (@5%)		-	3842.63
5.	Total Propose	d F.A.R Ar	ea		57,818.01	89772.85
	Resid	lential F.A.	R Area		55062.19	85008.34
	FAR	Area for co	ommercial		231.41	411.81
	Extr	a facilities A	Area in FAR Area		2524.41	-
	Perm	issible 5%	for facility of FAR Area		-	4352.7
6.	Total Non F.A	.R Area	•		45,215.51	52,405.5
	Base	ment 01			16859.24	16694.72
	Base	ment 02			16859.24	16694.72
	Base	ment 03			-	13390.47
	Com	munity Are	a		713.78	1319.90
	Gua	rd Hut			3.20	6.4
	ESS	Area			174.67	235.43
	U.G.	T. Area			85.16	267.67
	Resid	lential Non	far		10254.72	3681.39
	STP	area			122.66	95.1
	Stairs	s to Baseme	nt		142.84	19.7
7.	EWS /LIG AF	REA (Free	from FAR)		8,780.02	-
8.	Built Up Area	(5+6+7)	/		1.11.813.54	1.42.178.35
9	Proposed Lan	dscape Area			4.771.66	5624.16
-	110posta Lan	aboupernee	-		(@23.28%of Plot	(27.44 % Total
					Area)	Area)
10	Permissible N	o of Dwell	ing Units		676 Units	1014 453 Units
11	Proposed No	of Dwelling	T Units		633 Units	727 Units
11.	Population	of Dwening	3 0 11 3		4600	5154
12.	ater calculation d	etaile			4070	5154
15	3. water calculation details:					
C Ma	Description	Tatal				Tatal Watan
S.No.	Description	Total	Total Occupancy	D	ata of water	Total Water
S.No.	Description	Total Area (m^2)	Total Occupancy	Ra	ate of water	Total Water Requirement
S.No.	Description	Total Area (m ²)	Total Occupancy	Ra de	ate of water emand(lpd)	Total Water Requirement (KLD)
S.No.	Description Domestic Water Residential Wate	Total Area (m ²)	Total Occupancy	Ra de	ate of water emand(lpd)	Total Water Requirement (KLD)
S.No. A. (a)	Description Domestic Water Residential Wate	Total Area (m ²) r Requirem	Total Occupancy	Ra de	ate of water emand(lpd)	Total Water Requirement (KLD)
S.No. A. (a)	Description Domestic Water Residential Wate General Flats	Total Area (m ²) r Requirem Fresh	Total Occupancy ent 3635	Ra de	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.24
S.No. A. (a)	Description Domestic Water Residential Wate General Flats	Total Area (m ²) r Requirem Fresh Flushing	Total Occupancy ent 3635 3635	Ra de 65	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34
S.No. A. (a)	Description Domestic Water Residential Wate General Flats	Total Area (m ²) r Requireme Fresh Flushing	Total Occupancy ent 3635 3635	Ra de 65 21	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26
S.No. A. (a) ·	Description Domestic Water Residential Wate General Flats Other	Total Area (m ²) r Requireme Fresh Flushing Fresh	Total Occupancy ent 3635 3635 727 727	Ra de 65 21	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27
S.No. A. (a) ·	Description Domestic Water Residential Wate General Flats Other	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing	Total Occupancy ent 3635 3635 727 727	Ra de 65 21 65 21	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27
S.No. A. (a) ·	Description Domestic Water Residential Wate General Flats Other	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing	Total Occupancy ent 3635 3635 727 727 727 218	Ra de 65 21 65 21	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4 36 15.27
S.No. A. (a) ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh	Total Occupancy ent 3635 3635 727 727 727 218 218	Ra de 65 21 65 21 20 20	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18
S.No. A. (a) ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy ent 3635 3635 727 727 727 218 218	Ra de 65 21 65 21 20 10	ate of water emand(lpd) 5 1 5 1 5 1 5	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18
S.No. A. (a) ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy ent 3635 3635 727 727 727 218 218 218 436	Ra de 65 21 65 21 20 10	ate of water emand(lpd) 5 1 5 1 5 1 1 5 1 1 5	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 2.18
S.No. A. (a) ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing Fresh	Total Occupancy ent 3635 3635 727 727 727 218 218 218 436 436	Ra de 65 21 65 21 20 10 5 10	ate of water emand(lpd) 5 1 5 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36
S.No. A. (a) ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy ent 3635 3635 727 727 727 218 218 218 436 436	Ra de 65 21 65 21 20 10 5 10	ate of water emand(lpd) 5 1 5 1 5 1 1 5 1 1 5 1 1 5 1 1 1 1 1	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36
S.No. A. (a) ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial &	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy anti-action 3635 3635 727 727 218 218 436 436	Ra de 65 21 65 21 20 10 5 10	ate of water emand(lpd) 5 1 5 1 5 1 1 5 1 1 5 1 1 5 1 1 1 1 1	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36
S.No. A. (a) · ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial & Community	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy anti-action 3635 3635 727 727 218 218 436 436 436	Ra de 65 21 65 21 20 10 5 10	ate of water emand(lpd) 5 1 5 1 5 1 1 5 1 1 5 1 1 5 1 1 1 1 1	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36
S.No. A. (a) · ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial & Community Centre	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy anti-action 3635 3635 727 727 218 218 436 436 436	Ra de 65 21 65 21 20 10 5 10	ate of water emand(lpd) 5 1 5 1))	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36
S.No. A. (a) · · · (b) ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial & Community Centre Staffs	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy ent 3635 3635 727 727 727 218 218 436 436 436	Ra de 65 21 65 21 20 10 5 10 20 10	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36 0.28 0.28
S.No. A. (a) · · · (b) ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial & Community Centre Staffs	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy ent 3635 3635 727 727 218 218 436 436 436 14 14 14	Ra de 65 21 65 21 20 10 5 10 20 10 20 10	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36 0.28 0.14
S.No. A. (a) · · · (b) ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial & Community Centre Staffs	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy ant 3635 3635 727 727 727 218 218 436 436 14 14 14	Ra de 65 21 65 21 20 10 5 5 10 20 10 20 10	ate of water emand(lpd) 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36 0.28 0.14
S.No. A. (a) · · · (b) ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial & Community Centre Staffs Visitors	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy ent 3635 3635 727 727 727 218 218 218 436 436 436 436	Ra de 65 21 65 21 20 10 5 10 20 10 5 5 5	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36 0.28 0.14 0.62 0.62
S.No. A. (a) · · · (b) · ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial & Community Centre Staffs Visitors	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy ent 3635 3635 727 727 727 218 218 436 436 436 14 14 14 14 124 124	Ra de 65 21 65 21 20 10 5 10 20 10 5 10 5 10	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36 0.28 0.14 0.62 1.24
S.No. A. (a) · · · (b) ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial & Community Centre Staffs Visitors	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing	Total Occupancy ant 3635 3635 3635 727 727 727 218 218 436 436 14 14 124 124	Ra de 65 21 65 21 20 10 5 10 20 10 5 10 5 10	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36 0.28 0.14 0.62 1.24
S.No. A. (a) · · · (b) · B.	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial & Community Centre Staffs Visitors Horticulture	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing 5403.4	Total Occupancy anti-action 3635 3635 3635 727 727 727 727 218 218 436 436 14 14 124 124	Ra de 65 21 65 21 20 10 5 10 5 10 5 10 5 10 6	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36 0.28 0.14 0.62 1.24 20.55 0.55
S.No. A. (a) · · · (b) · B. C.	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial & Community Centre Staffs Visitors Horticulture Filter	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing 5403.4	Total Occupancy 3635 3635 727 727 727 218 218 436 436 436 14 14 124 124 124	Ra de 65 21 65 21 20 10 5 10 5 10 5 10 6	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36 0.28 0.14 0.62 1.24 20.55 15
S.No. A. (a) · · · · · · · · · · · · ·	Description Domestic Water Residential Wate General Flats Other Maintenance Staff Visitor/Floating Commercial & Community Centre Staffs Visitors Horticulture Filter Backwash	Total Area (m ²) r Requirem Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing Fresh Flushing 5403.4	Total Occupancy 3635 3635 727 727 727 728 218 436 436 436 14 14 124 124 124	Ra de 65 21 65 21 20 10 5 10 5 10 5 6	ate of water emand(lpd)	Total Water Requirement (KLD) 236.28 76.34 47.26 15.27 4.36 2.18 2.18 4.36 0.28 0.14 0.62 1.24 20.55 15

	Pool					
14. Wa	14. Waste water details:					
Domestic	c Water Requirement			436 KLD		
Total Fre	esh Water Requirement			300 KLD		
Flushing	Water Requirement			100 KLD		
Horticult	ure, Filter Backwash & Swimming Po	ol		36 KLD		
Wastewa	iter Generated			340 KLD		
(@ 80%	fresh domestic water + 100% flushing)					
STP Cap	acity			415 KLD		
Treated V	Water Generation			306 KLD		
15. Soli	d waste generation details:					
S. No.	Category	Occupancy		kg per capita per	Waste	generated
				day	(kg/day)	-
1.	Residents	4362		@ 0.5 kg/day	2181	
2.	Staff (Maintenance + Commercial +	310		@ 0.25 kg/day	77.5	
	Community Centre)					
3.	Visitors	560		@ 0.15 kg/day	128.7	
3.	Landscape waste	0.84		<i>a</i> 0.2	0.168	

		kg/acre/day	
4.	STP Sludge		29.84
	TOTAL SOLID WASTE GENERAT	ED	2417.20 says 2417
			kg/day

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

The consultant (EIA Coordinator) submitted an affidavit dated 21/06/2022 mentioning is as follows:

- 1. I, Laxmi Singh D/o Ram Murti Singh is EIA Coordinator of Ambiental Global Pvt. Ltd.
- I have prepared EIA/EMP report for the File No. 7101, Proposal No. SIA/UP/MIS/73951/2022, Name- Expansion of Group Housing Project at Plot No. 3/SP-03, Sector-03, Siddharth Vihar, Ghaziabad, U.P. M/s T&T Infrazone Pvt. Ltd. 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 have satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
- 5. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
- 6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO-13

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

Additional Conditions:

1. 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.

- 2. The project proponent shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR", directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.
- 3. The proponent should provide the electric vehicle charging points and also allocate the safe and suitable place in the premises for the same.
- 4. Project Proponent should adopt 02 villages & develop them as model village.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

- 1. Statutory compliance:
 - 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 - 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
 - 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 - 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - 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 andPM25) covering upwind and downwind directions during the construction period.
 - 4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height).Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
 - 5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
 - 6. Wet jet shall be provided for grinding and stone cutting.
 - 7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.

- 8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- 9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
- 10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- 11. For indoor air quality the ventilation provisions as per National Building Code of India.
- 3. Water quality monitoring and preservation:
 - 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 - 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 - 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 - 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 - 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 - 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 - 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
 - 8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 - 9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 - 10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
 - 11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
 - 12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
 - 13. All recharge should be limited to shallow aquifer.
 - 14. No ground water shall be used during construction phase of the project.

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

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

- 6. Waste Management :
 - 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 - 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 - 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 - 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
 - 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 - 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 - 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
 - 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.

14. <u>Commercial (Trehan-IRIS) Project at Plot No.C-02, Sector-Ecotech-12, Greater</u> <u>Noida, U.P., Shri Aditya Yadav, M/s Ruvik Build Tech Private Ltd. File No.</u> <u>7038/Proposal No. SIA/UP/MIS/265557/2022</u>

The committee noted that the matter was earlier discussed in 622^{nd} SEAC meeting dated 11/05/2022 and directed is as follows:

"The committee discussed the matter and directed that the EIA coordinator personally visit the site and send recent photographs of the project site. They should also recalculate the water balance including estimation of population and present it again. It will be appropriate that director of the company should come before the committee and explain the project."

The project proponent submitted their replies vide letter dated 01/06/2022 and the matter was listed in 667^{th} SEAC meeting dated 22/06/2022. 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 Ambiental Global 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 Proposed Commercial Project (Trehan-IRIS) at Plot No.C-02, Sector-Ecotech- 12, Greater Noida, U.P., M/s Ruvik Build Tech Private Ltd.

1.	Plot Area	14000 m2			
2.	Built-up Area	87616.650 m2			
3.	Green Area	4391.87 m2			
4.	Estimated Water Requirement with	Total water requirement	nt for the project	will be 444 KLD.	
	source	Out of the total wate	r requirement, 20	02 KLD will be	
	Operational Phase	fresh water met from	the Noida author	rity water supply	
		department, and the ba	alance 242 KLD	will be met from	
		recycle of treated wast	tewater from the	on-site STP. No	
-		groundwater will be us	ed.		
5.	Estimated wastewater generation and	The sewage generated	during the oper	ation phase (328	
	treatment	KLD) will be treated	up to the terti	ary level in the	
		KID consolition. The tr	ige Treatment Pla	(STP) of 394	
		reused for cooling toil	let flushing and h	orticulture in the	
		project site	iet nusning and n	orticulture in the	
6	Power Demand and Source	Total Power Requirem	ent · 10500 kVA	Grid supply of	
	Power Back-up	Uttar Pradesh Corporat	tion Ltd	, one supply of	
	1 I	7 no. of DG set of total	capacity		
		1500 kVA (7 x 1500 k	(VÁ)		
7.	Solid Waste Generation	In construction phase-3	328 Kg/day		
		In operation phase- 417	76 Kg/day		
8.	Parking Facilities	Total Required E.C.S.	- 1042		
-		Total Proposed E.C.S.	- 1048		
9.	RWH Pits	4 pits			
10.	Maximum Building Height	205.18 m			
11.	Project Cost	December 2024			
12. 2 Dete	Project Completion Date	December, 2024			
5. Deta					
Area Ana	alysis- Irehan IRIS (Units in Sq.m)		14,000,00		
Total Plo	ol Area		14,000.00		
Dormissi	ble Ground Coverage	40%	5 600 00		
Proposed	Ground Coverage	30 006%	5,000.00		
TToposee		59.99070	5,577.55		
Permissil	ble FAR (A)	4	56.000.00		
Proposed	1 FAR	3.931	55.029.93		
Addition	al 15% FAR Area (15% of Permissible		8.400.00		
FAR)	× ×		,		
Proposed	115% FAR Area	16.07%	8,997.82		
Exceeded	d 15% FAR Area	1.07%	597.82		
So Propo	sed FAR with Exceeded 15% FAR Area	3.973	55,627.76	372.25	
Proposed	Additional 15% of FAR Area				
Particula	rs		Area		
15% FA	R Area of Building (From Detailed Area		8997.823		
Chart)					
Total			8997.823		
Proposed	Ground Coverage Calculation			D	
Particula	rs		Area	Percentage	
FAR Are	ea of Ground Floor		5,096.13		
15% FAI	K Area on Ground Floor		335.228		

2. Salient features of the project:

Minutes of 667th SEAC-1 Meeting Dated 22/06/2022

Building Projection Area		150.015	
Area of Guard Room		9	
After of Meter Room		9	
Total		5,599.38	40.00%

Required Parking Calculation				
Particulars	Area	Space / Car	Parking	
			Required	
Retail	29,577.43	50	592	
Office	13,830.49	50	277	
Hotel	96 Nos	Per Room On	e 96	
	Rooms			
Multiplex / Cinema (Seats)	1169	15	78	
Total			1042	
Proposed Parking Calculation				
Particulars	Parking Area	Space / Car	No. of Parkin	ng Parking Provided
Basement-2 (Mechanical Parking)	9339.339	18	518.852	518
Basement-3 (Mechanical Parking)	9549.456	18	530.525	530
Total	18888.795			1048
Proposed Landscape Area Calculation				
Open Area = Total Plot Area = Total Ground G	Coverage =			8,400.00
Required Landscape Area (50% of Open Area) =			4,200.00
Proposed Landscape Area =	/			4,391.87
No of Tree Required (One Tree per 100sqm. C	Of open area) =			84.00
No. of Trees Proposed =				85.00
Proposed Built-up Area Calculation				
Built-up Area Calculation	FAR Area	Service Are	a Non FA	AR Total
1		(15% FA	R Area	Built-up
		Area)		Area
	55627.755	8,400.00	23,588.90	87616.65
4. Landscape area details:	•			
Proposed Landscape Area Calculation				
Open Area = Total Plot Area = Total Ground G	Coverage =			8,400.00
Required Landscape Area (50% of Open Area) =			4.200.00
Proposed Landscape Area =)			4.391.87
No of Tree Required (One Tree per 100sam, C)f open area) =			84
No of Trees Proposed =	or open area)			85
5 Water requirement details:				00
Description	Occurrence	I Pata of	Domestic	Fluching
	Occupancy		Water	Watar
		water	water	water
		demand	Requirement	Requirement
		(LPD)	(KLD)	(KLD)
1 Total Population- [87616.650 Sq.m (@	0 10			
sqm/person)]		8762 Perso	ons	
1(a) Staffs @ 90% of Total population	7886	45	197	158
1(b) Visitors/Floating@ 10% of T	Total 876	15	4	9
population				
Total			202	166
Total 2 Capacity of STP (80 % of Dome	estic		202 328	166 KLD

3

5 6

7

Add 20% as environmental

Total Treated Water Generation

Proposed capacity of STP

Horticulture/ Gardening

requirement

norms

4391.872

KLD

KLD

KLD

KLD

66

394

295

26

@6

		ltr/Sqm		
8 HVAC Cooling		5	0	KLD
6. Parking Details:	·	· · ·		
Required Parking Calculation				
Particulars	Area	Space / Car	Parking	
			Required	
Retail	29,577.43	50	592	
Office	13,830.49	50	277	
Hotel	96 Nos Rooms	Per Room One	96	
Multiplex / Cinema (Seats)	1169	15	78	
Total			1042	
Proposed Parking Calculation				
Particulars	Parking Area	Space / Car	No. of Parkin	g Parking
				Provided
Basement-2 (Mechanical Parking)	9339.339	18	518.852	518
Basement-3 (Mechanical Parking)	9549.456	18	530.525	530
Total	18888.795			1048

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

The consultant (EIA Coordinator) submitted an affidavit dated 06/06/2022 mentioning is as follows:

- 1. I, Laxmi Singh D/o Ram Murti Singh is EIA Coordinator of Ambiental Global Pvt. Ltd.
- I have prepared EIA/EMP report for the File No. 7038, Proposal No. SIA/UP/MIS/265557/2022, Name- Commercial Project (Trehan-IRIS) at Plot No.C-02, Sector-Ecotech- 12, Greater Noida, U.P., M/s Ruvik Build Tech Private Ltd. 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 have satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
- 5. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
- 6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO-14

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

Additional Conditions:

- 1. 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.
- 2. The project proponent shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR", directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.

- 3. The proponent should provide the electric vehicle charging points and also allocate the safe and suitable place in the premises for the same.
- 4. Project Proponent should adopt 02 villages & develop them as model village.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

- 1. Statutory compliance:
 - 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 - 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
 - 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 - 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 - 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 - 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 - 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
 - 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 - 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- 2. Air quality monitoring and preservation:
 - 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 - 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 - 3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 andPM25) covering upwind and downwind directions during the construction period.
 - 4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height).Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
 - 5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
 - 6. Wet jet shall be provided for grinding and stone cutting.
 - 7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
 - 8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.

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

shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.

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

- 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg/person/day must be installed.
- 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- 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.

15. Existing Formaldehyde Manufacturing Unit with the Production Capacity of 160 <u>TPD At Plot No. C-8, UPSIDC Industrial Area, Khalilabad, District -Sant Kabir</u> <u>Nagar, U.P., Shri Amit Gupta, M/s Gorakhnath Formulations Pvt. Ltd. File No.</u> <u>6436/Proposal No. SIA/UP/IND3/64317/2021</u>

The committee was informed that an application dated 06/07/2021 (Proposal No. SIA/UP/IND3/64317/2021) was made by the project proponent M/s Gorakhnath Formulations Pvt. Ltd. for environmental clearance of Formaldehyde Manufacturing Unit with the Production Capacity of 160 TPD at Plot No. C-8, UPSIDC Industrial Area, Khalilabad, District -Sant Kabir Nagar, U.P. under violation category as per procedure laid down in MoEF&CC, Govt. of India Office Memorandum dated 7^a July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

The standard terms of reference in the matter were issued through online Parivesh portal on 12/07/2021 and additional terms of reference issued by SEIAA, U.P. vide letter no. 88/Parya/SEIAA/6436/2022, dated 27/05/2022. EIA report submitted by the project proponent through Parivesh Portal on 18/06/2022.

The matter was scheduled for EIA appraisal in 667th SEAC meeting dated 22/06/2022. 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 Vardan Environet.

The project proponent informed the committee that 100% construction work has been completed and operation of the unit has already been started since year 2012 without obtaining prior environmental clearance from competent authority and total project cost Rs. 5.82 Crore has been invested in the project. The project proponent also informed that after operation of Existing facility; 2,01,900 Tonns of Formaldehyde has been manufactured and total turn over of the unit during violation period (2012-13 to 2021-22) is 30,366.44 Lakhs as per the Chartered Accountant Certificate submitted by the project proponent.

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

The committee was informed by the Secretariat that as per records available with Directorate and written communication by all concerned in the directorate, 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.

The committee recommended to impose a penalty of 0.5% of total project cost (Rs. 5.82 Crore) i.e. Rs. 2.91 Lakhs and 0.25% of the total turnover (Rs. 30,366.44 Lakhs) during the period of violation i.e. Rs. 75.9161 Lakhs. Total penalty impose by the committee is Rs. 78.8261 Lakh on project proponent which has to be deposited with UPPCB before issuance of environmental clearance. In case it comes to notice of SEIAA/ SEAC that any complaint is received from any person/institution/departments/organization prior to suo-moto declaration of the project proponent then penalty will be increased to 1% as per SoP/OM dated 7^a July, 2021.

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 Existing Formaldehyde Manufacturing Unit with the Production Capacity of 160 TPD At Plot No. C-8, UPSIDC Industrial Area, Khalilabad, District Sant Kabir Nagar, U.P., M/s Gorakhnath Formulations Pvt. Ltd.
- The terms of reference in the matter were issued by SEIAA vide letter no. 88/Parya/SEIAA/6436/2022, dated 27/05/2022 in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021.

S.	Particulars	Details
No.		
1.	Nature and size of the Project	Formaldehyde Manufacturing Unit with the production Capacity of
		160 TPD
2.	Location details	
	Plot/Survey/Khasra No.	C-8, UPSIDC Industrial Area, Khalilabad
	Tehsil	Khalilabad
	District	Sant Kabir Nagar
	State	Uttar Pradesh

3. Salient features of the project:

Image: Construct is 30° 51/2.60°F. Total Details Total Project Area 4. Environmental Setting Details (with approximate aerial distance and direction from the project site) Nearest mainy stations Nearest Highway NH 28 at 550 M from project site Nearest Airport Kuda Ghat Airport, Gorakhpur at 39 Km National Parks/ Wild Longentation of the project site National Parks/ National Parks/ Not within 10 km radius area from project site Defense Installations Not within 10 km radius area from project site Seismic Zone Zone III (Source-as per IS 1893 – 2002) 5. Cost Details Project Cost Rs. 4.13 Cr Cost for Environmental 37.26 Lakhs Management Plan (EMP) 6. Basic Requirement Manpower Total: 160 KLD Source: Coal from Local Market					
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Raw Water required for domestic purpose : 1.5 KLD					
Raw Water used for product dilution : 4.27 KLD					
Raw Water needed for sprinklers (Gardening and					
Underground Methanol tanks cooling) · 10 KI D					
Raw Water requirement : 147.87 KLD					
Taking certain margin keeping evaporation losses and RO performance variation.					
Taking certain margin keeping evaporation losses and RO performance variation.					

6. Land use details:

Minutes of 667th SEAC-1 Meeting Dated 22/06/2022

S. No.	Type of Use	Area (Sq. m)	Percentage (%)
1	Plant area, Office Area	1615.2	40.38
2	Road area	520	13.00
3	Land scape area	1360	34.00
4.	Open area	504.8	12.62
Total		4000.00	100

7. Details of Remediation Plan, Natural Resource Augmentation Plan and Community Resource Augmentation Plan:

C		
S.No.	Aspects	Budget (Rs. in Lakhs)
1	Estimated Cost on remediation plan based on the damage assessment	31.19
	due to violation	
2	Natural resource augmentation plan for 3 years	34.53
Total		65.73 Lakhs
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8. The project proposal falls under category–5(f) of EIA Notification, 2006 (as amended) and MoEF&CC, SoP/Office Memorandum dated 07/07/2021 for the violation project).

RESOLUTION AGAINST AGENDA NO. 15

The committee discussed the matter in depth in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended grant of environmental clearance (subject to submission of penalty of Rs. 78.8261 Lakhs and bank guarantee of Rs. 65.73 Lakhs 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. 65.73 Lakhs 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. Explore the possibilities of use of various by-products.
- 4. Development of spectrophotometric method for detection of formaldehyde in air and HPLC method for detection of formaldehyde in water.
- 5. Project Proponent should adopt 02 villages & develop them as model village.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

- 1. Statutory compliance:
 - i. The project proponent should obtain necessary permission from Drug Controller, Govt. of India, within time frame.
 - ii. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 - iii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - iv. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule species in the study area).
 - v. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
 - vii. The Company shall strictly comply with the rules and guidelines under Manufacture,

Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

- 2. Air quality monitoring and preservation:
 - i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
 - iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM_{10} and $PM_{2.5}$ in reference to PM emission, and SO₂ and NOx in reference to SO₂ and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
 - iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
 - v. Storage of raw materials, coal etc, shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
 - vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
 - vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied.
- 3. Water quality monitoring and preservation:
 - i. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
 - ii. The project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. The project proponent shall ensure the Zero Liquid Discharge and no waste/treated water shall be discharge outside the premises
 - iii. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
 - iv. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
 - v. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
 - vi. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
 - vii. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 - viii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 - ix. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 - x. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 - xi. A certificate shall be obtained from the local body supplying water, specifying the total

annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.

- xii. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- xiii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
- xiv. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- xv. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- xvi. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xvii. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xviii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xix. All recharge should be limited to shallow aquifer.
- xx. No ground water shall be used during construction phase of the project.
- xxi. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xxii. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- xxiii. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. Dual pipelines plan for reuse of treated water on campus should be implemented.
- xxiv. No sewage or untreated effluent water would be discharged through storm water drains.
- xxv. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change.
- xxvi. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
- xxvii. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
- 4. Noise monitoring and prevention:
 - i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
 - ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
 - iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- 5. Energy Conservation measures:
 - i. The energy sources for lighting purposes shall preferably be LED based.
- 6. Waste management:

- i. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- ii. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- iii. The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation
- 7. Green Belt:
 - i. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- 8. Safety, Public hearing and Human health issues:
 - i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 - ii. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
 - iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
 - iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Preemployment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
 - v. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
 - vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
 - vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
- 9. Corporate Environment Responsibility:
 - i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
 - ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation /violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
 - iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
 - iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six Monthly Compliance Report.
 - v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- 10. Miscellaneous:
 - i. Environment Clearance subjected to condition of necessary permission from Drug Controller and Department of Industry.
 - ii. Monitoring of dioxin and furon from biomass fueled boiler should be done.
 - iii. Agreement with TSDF vendors shall be submitted.

- iv. 100% waste water is to be treated in ETP conforming to prescribed standards of receiving body for designated use.
- v. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- vi. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- vii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- viii. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- ix. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- x. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- xi. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- xii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xiii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xiv. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xvi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xviii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xix. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xx. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

16. <u>Gitti Boulder (Dolo Stone) Mining at Araji No-4478 Chha, Village-Billimarkundi,</u> <u>Tehsil –Obra District-Sonbhadra, Shri Rajeev Kumar Sharma,Area 1.80 ha. File</u> <u>No. 7062/6749/Proposal No. SIA/UP/MIN/ 76421/2021</u>

RESOLUTION AGAINST AGENDA NO. 16

During the preparation of minutes it has been observed that the environmental clearance for the above project has already been issued by SEIAA, U.P. through EC identification no. EC22B001UP123805, dated 01/07/2022. Hence, no action is required in the matter.

17. Hotel Project at Plot No.- TC-25 V & 26 V, Vibhuti Khand, Gomti Nagar, District-Lucknow, U.P. M/s Luxus Hospitality Pvt. Ltd. File No. 6509 Proposal No. SIA/UP/MIS/ 66785/2021

The committee was informed by the Project Proponent that initially an application vide Proposal No. SIA/UP/MIS/206423/2021; dated 07/04/2021 was made in the name of construction of Proposed Hotel Project at Plot No. TC - 25V & 26 V, Vibhuti Khand, Gomti Nagar, Distt – Lucknow (UP) by M/s Luxus Hospitality Pvt. Ltd. for environmental clearance. The case was considered in 548th SEAC (joint meeting of SECA-1 & SEAC-2) dated 09-07-2021 wherein the committee deliberated that:

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

The Project Proponent further informed the committee that due to some technical reasons and prevalence of some unavoidable circumstances they were unable to present their case before the committee in 548th SEAC (joint meeting of SECA-1 & SEAC-2) dated 09-07-2021 nor they were able to explain before the committee regarding the ongoing activities and construction status of the aforesaid project.

The Project Proponent also informed the committee that on 20-08-2021, they came to the knowledge of the violation window of Parivesh portal of MoEF&CC and is opened to accept all the cases under violation category, immediately they applied for the grant of ToR under violation category for the same project vide Proposal no. SIA/UP/MIS/66785/2021 dated 20/08/2021and thereafter they made an online request to withdraw the previous application Proposal No. SIA/UP/MIS/206423/2021, dated 07/04/2021 which was accepted by SEIAA, UP on 25-08-20221 & is exhibited on Parivesh portal.

The case of Proposal no. SIA/UP/MIS/66785/2021 was considered in the 575th SEAC-1 meeting on 24-09-2021 wherein, the Project proponent informed the committee about the ongoing construction activities and the status of the project.

The committee was informed by the Project Proponent that approximately 89% of construction work has already been completed without obtaining prior environmental clearance and Rs. 27,04,99,600/- has been incurred in the project as per the Chartered Accountant Certificate dated: 14/08/2021 submitted by the project proponent.

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

The committee was informed by the Nodal Officer that as per records available with Directorate and written communication by all concerned in the directorate, 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.

The Project proponent has submitted Project Cost Certificate issued by Chartered Accountants, Prabhat Kumar Tandon dated 14/08/2021 stating the total estimated project cost is Rs. 180.00 Crores and the total expense incurred as of date 14/08/2021 is 27,04,99,600/-

In view of the above, Committee recommended to impose a penalty of Rs. 13,52,498/- (0.5% of total project cost incurred up to 14/08/2021) 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 the suo-moto declaration of the project proponent then penalty will be increased to 1% as per SoP/OM dated 7th July 2021.

<u>The committee also directed the project proponent to stop the operation at the site with</u> immediate effect until the Environment Clearance is granted.

The terms of reference in the matter was issued by SEIAA vide letter no. 38/Parya/SEIAA/6509/2021, dated 04/05/2022. EIA report submitted by the project proponent through Parivesh Portal (Proposal no. SIA/UP/MIS/66785/2021) on 10/06/2022.

The matter was scheduled for EIA appraisal in 667th SEAC meeting dated 22/06/2022. 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 Environmental & Technical Research Centre.

<u>The project proponent informed that during the submission of "Consent to Establish"</u> (CTE) application, UP Pollution Control Board refused the CTE application vide letter no. 125548/UPPCB/Lucknow(UPPCBRO) /CTE/Lucknow/2021, dated 05/07/2021 due to non submission of environmental clearance letter.

The committee again 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 Project Proponent suo-moto reports such violation without such violations coming to the knowledge of the Government either on inquiry or complaint.

In view of the above, the committee deliberated that during the presentation of terms of reference (ToR) application, the committee imposed the penalty of Rs. 13,52,498/- as per clause 12.2 of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021, but the "Consent to Establish" (CTE) application refused by UP Pollution Control Board and in this situation clause 12 a (i) of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021 shall be applicable on the project proposal.

In the light of above observations, the committee withdraws its recommendation to imposed the penalty of Rs. 13,52,498/- and decided to impose the penalty of Rs. 27,04,996/- (1% of total project cost incurred up to 14/08/2021) as per clause 12 a (i) of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021.

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 Hotel Project at Plot No. TC-25V & 26V, Vibhuti Khand, Gomti Nagar, District- Lucknow, U.P., M/s Luxus Hospitality Pvt. Ltd.
- The terms of reference in the matter were issued by SEIAA vide letter no. 38/Parya/SEIAA/6509/2021, dated 04/05/2022 in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021.

Item	Details
Name and Location of the Project	Construction of Proposed Hotel Project at Plot No. TC - 25V &
	26V, Vibhuti Khand, Gomti Nagar, District – Lucknow (U.P).
Developers of the project	M/s Luxus Hospitality Private Limited
Facilities	Hotel Rooms
	Banquet hall / Conference Hall
	Restaurant
Total Plot Area	7517.78 sqm (0.751778 Hectares approx)
Built-up Area	39040.64 sq. m
Total Water Requirement	205 KLD
Power Requirement	3200 KVA (Source: Uttar Pradesh Power Corporation Limited)

3. Salient features of the project:

Power Backup		DG sets of total capacity 1500 KVA (2 nos.).		
Total Parking Proposed		259 ECS proposed against requirement of 235 ECS		
Solid Waste to be Generated		241 Kg / Day – Municipal waste & Horticulture waste will be		
		generated		
Total Pro	oject Cost	180.0 Crores		
Total Inc	curred Cost	27.05 Crores Till 14 th August 2021		
Solar Lig	ghts	23 KW Solar Panel		
Sewage	treatment & disposal	The waste water generated from	Hotel (i.e. 170 KLD) would be	
		treated in the STP capacity 210	KLD. After treatment Surplus	
		treated water will be discharge int	to Sewer.	
Maximu	m Height	Approx.43 m		
Total nu	mber of Rooms	180 Nos		
Rain wat	er harvesting pits	01		
4. Deta	ailed area statement:			
S. No.	Particulars		Area (Sqm)	
Α	Total Land		7517.78 m2	
В	Permissible Ground Coverage (@	40% of plot area)	3007.11 m2	
С	Achieved Ground Coverage (@ 37.74 % of plot area)		2837.35 m2	
D	Total permissible FAR (including purchasable FAR @ 2.66)		19997.295 m2	
E	Total Proposed FAR		19625.18 m2	
F	Non-FAR Area (Basement + Service Floor + Mumty / Machine room + Fire tower)		19415.46 m2	
G	Number of basements		03 nos	
Н	Basement Area		16249.455 m2	
Ι	Service floor area		2611.980 m2	
J	Required Parking		235 ECS	
K	Proposed Parking		259 ECS	
L	Required Landscape Area		751.78 Sqm	
М	Proposed Landscape Area		1118.36 Sqm	
N	Total Built-up Area		39040.64 sqm	
0	Number of rooms		180 nos	
Р	Banquet and conference room area	1	1666.80 sqm	
Q	Total Expected Population		1041 Nos + Staff (325 nos)	
			Total – 1366 Nos	

5. Total water requirement during construction phase is 20 KLD, which procured by STP and CSTP. During operation, phase total water requirement will be 205 KLD, which is sourced from municipal water supply for drinking and recycled water from STP for flushing, green belt and Cooling tower. Approx.: 170 KLD of waste water will be generated from the project which shall be treated in a Sewage Treatment Plant of capacity 210 KLD. Recycled water received from STP shall be used after tertiary treatment i.e., 38 KLD water for flushing, cooling tower – 75 KLD and 2.0 KLD water for the horticulture uses. Water & Waste Water details are given in the table below:

Water/ Waste water Details * *	Quantity in KLD
Fresh water	165.0 KLD
Flushing water	38.0 KLD
Horticulture / Landscape	2.0 KLD
Total Water Requirement	205.0 KLD
Waste Water Generated	170.0 KLD
(@ 80% fresh water + 100% flushing water)	
Sewage Treatment Plant (STP) Capacity	210 KLD (20 % of extra capacity as per MOEF
	& CC Norms)

6. Parking	g details:			
S.NO	PROPOSED TOTAL NO. OF PARKING (ECS) :-	BASED ON AREA		
1.	1 st BASEMENT	=	90	ECS
2.	2 nd BASEMENT	=	59	ECS
3.	3 rd BASEMENT	=	108	ECS
4.	SURFACE PLAN	=	2	ECS
	GRAND TOTAL	=	259	ECS

Sr No	Particulars	No of Rooms /	Population	Solic	ł Waste	Solid	Waste
		Area	(nos)	gene	ration	(kg)	
				rate ((kg)		
1	Hotel Rooms	180	360	0.25		90	
2	Banquet and	1666.8	556	0.15		83.34	
	Conference Hall						
3	Restaurant	2	125	0.15		18.75	
4	Staff		325	0.15		48.75	
Grand	Total					240.84	
5	Green Belt	1127.6 sqm		0.003	37	4.17212	
8. Co	mposition of solid waste:						
Sr. No.	Type of Waste				Quant	ity of Wast	e
					Kg/Da	ay	
1	Total Waste				240.8	4	
2	Bio-degradable Waste(@60 % of the dom	estic waste)		144.5)	
3	Recyclable Waste (@3	0% of the domestic	waste)		72.25		
4	Inert Waste(@10% of	the domestic waste	:)		24.08		
5	Hazardous Waste Gene	eration (DG Waste	Oil)		1		
9. To	tal budget proposed for re	mediation, natura	l and communit	ty resour	ce augment	ation plan	:
S.No.	No. Activity Proposed Budget (INR)					R)	
1	Permediation Plan	amediation Dlan 28				$\overline{)}$,

7.	Solid	waste	generation	details:
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 S.No.
 Activity
 Proposed Budget (INR)

 1
 Remediation Plan
 28,06,470.0 /

 2
 Natural Resource Augmentation Plan
 1,65,000.0 /

 3
 Community Resource Augmentation Plan
 8,45,000.0 /

 Total Budget for Remediation Natural & Community Resources
 38,16,470.0 /

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

RESOLUTION AGAINST AGENDA NO. 17

The committee discussed the matter in depth in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended grant of environmental clearance (subject to submission of penalty of Rs. 27,04,996/- and bank guarantee of Rs. 38,16,470/- 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. 38,16,470/- 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. The project proponent should develop 03 tier plantations to all around the boundary of hotel.
- 5. Project Proponent should adopt 02 villages & develop them as model village.

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 andPM25) 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 a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
 - 16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 - 17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
 - 18. No sewage or untreated effluent water would be discharged through storm water drains.

- 19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- 20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
- 21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
- 4. Noise monitoring and prevention:
 - 1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
 - 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
 - 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
- 5. Energy Conservation measures:
 - 1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 - 2. Outdoor and common area lighting shall be LED.
 - 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
 - 4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
 - 5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
 - 6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
- 6. Waste Management :
 - 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 - 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.

- 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
- 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- 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.

<u>Stone Khanda,Boulder, Bailast (Gitti)</u>" <u>Mining at Gata No.-841Mi (Khand No.-01),</u> <u>Village- Paswara, Tehsil- & District- Mahoba, U.P. Shri Dhaneswar Rai., Area :</u> 4.00 ha. File No. 7082/Proposal No. SIA/UP/MIN/76901/2022

The committee noted that the matter was earlier listed in 661^{st} SEAC meeting dated 07/06/2022 and the project proponent did not appear in the meeting. The project proponent requested to list the matter in next SEAC meeting and the matter was listed in 667^{th} SEAC meeting dated 22/06/2022.

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

 The terms of reference is sought for Building Stone Khanda, Boulder, Bailast (Gitti) Mining at Gata No. 841Mi (Khand No.-01), Village- Paswara, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 4.0 ha.), M/s Dev Enterprises.

1.	On-line proposal No.	SIA/UP/MIN//6901/2022
2.	File No. allotted by SEIAA, UP	7082
3.	Name of Proponent	M/s Dev Enterprises,
		Prop Shri Dhaneshwar Rai S/o Late Shri Anirudha
		Rai
4.	Full correspondence address of proponent	R/o- 8/43 Yaman, Sahara State, Kuda Gaht, Khorabar
		Urf Suba Bazar, Tehsil-Sadar, District- Gorakhpur,

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

5.	Name of Project	U.P. Building Stone Khanda, Boulder, Bailast (Gitti)					
		Mining Project					
6.	Project location (Plot/ Khasra /Gata No.)	Gata No	841Mi (Khand I	No01)		
7.	Name of Village	Paswara					
8.	Tehsil	Mahoba					
9.	District	Mahoba					
10.	Name of Minor Mineral	Building Stone Khanda, Boulder, Bailast (Gitti)					
11.	Sanctioned Lease Area (in Ha.)	4.0 ha.					
12.	Max.& Min mRL within lease area	240 mRL- 198 mRL					
13.	Pillar Coordinates(Verified by DMO)	Pillars	Pillars Latitude (N)		Longitude (E)		
		A	A 25° 17' 51.063		79° 57' 52.745"		
		B 25° 17' 49.661		51"	79° 57' 56.387"		
		C 25° 17' 41.207)7"	79° 57' 54.907"		
		D	25° 17' 43.37	76"	79° 57' 49.250"		
		E 25° 17' 47.923		23"	79° 57' 49.682"		
14.	Total Geological Reserves	4078492 m ³					
15.	Total Mineable Reserves	1604778 m ³					
16.	Total Proposed Production (in five year)	620000 m ³					
17.	Proposed Production / year		Year		Production		
			1 st		124000 m ³		
			2 nd		124000 m ³		
		3 rd			124000 m^3		
			4 th		124000 m^3		
			5 th		124000 m^3		
		Total			620000 m^3		
18.	Sanctioned Period of Mine lease	10 Years					
19.	Method of Mining	Opencast Semi-Mechanized					
20.	No.of working days	300 days					
21.	Working hours/day	8 Hours/Day					
22.	No.Of workers	40 (approx.)					
23.	No.Of vehicle movement /day	42 (approx.)					
24.	Type of Land	Govt. revenue land					
25.	Ultimate Depth of Mining	8 meter (average)					
26.	Nearest metalled road from site	500m					
27.	Water Requirement	PURPOSE REQUIREMENT (KLD)					
		Drinking & Others 0.40					
		Suppress	ion of dust	3.00			
		Plantation 4.00					
		Others(if any)					
		Total	Total 7.40				
28.	Name of QCI Accredited Consultant with QCI	M/s Paramarsh (Servicing Environment and					
	No and period of validity.	Development)., Lucknow, U.P.					
		NABET/EIA/2124/RA 0224					
		Validity- N	Validity- May 01, 2024				
29.	Any litigation pending against the project or land in any court	No					
30.	Details of 500 m Cluster certificate Verified by	DMO (Mi	DMO (Mining Section), Mahoba vide Letter No.				
	Mining Officer	3322/MMC-30/2021-22, Dated 18 th January, 2022					
31.	Details of Lease Area in approved DSR	Page No 02, Sr. No 23					
32.	Proposed CER cost	1.80 Lakh					
33.	Proposed EMP cost	27.10 Lakh					
34.	Length and breadth of Haul Road.	Length- 500m, Width- more than 6.0 m					
35.	No. of Trees to be Planted	4000					

^{3.} The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

^{4.} This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

- 5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6. There is no litigation pending in any court regarding this project.
- 7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 02/06/2022 mentioning is as follows:

- 1. I, Dr. Abdul Rahman S/o Sri Mohammad Khalid am EIA Coordinator of Paramarsh Servicing Environment and Development.
- I have prepared EIA report for the File No. 7082, Proposal No.- SIA/UP/MIN/76901/2022, of the client M/s Dev Enterprises, Prop.- Shri Dhaneswar Rai S/O Late Anirudha Rai for "Building Stone Khanda, Boulder, Bailast (Gitti)" Project at Gata No.-841Mi(Khand No.-01),Village-Paswara, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 4.00 ha.) with my team.
- 3. I have personally visited the site of proposal.
- 4. I have satisfied with that all the necessary data/information required for EIA preparations are true and correct.
- 5. I certify that no mining activity has been undertaken on the project site for the present proposal.
- 6. I certify that this project has been uploaded for the first time on Parivesh Portal.
- 7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
- 8. 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.

RESOLUTION AGAINST AGENDA NO. 17

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. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
- 2. 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.
- 3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
- 5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 6. 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.
- 7. 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.
- 8. 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.

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- 9. 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.
- 10. 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.

(Dr. Brij Bihari Awasthi) Member (Umesh Chandra Sharma) Member (Dr. Ratan Kar) Member

(Om Prakash Srivastava) Member (Ashish Tiwari) Member-Secretary, SEAC-1 (Rajive Kumar) Chairman

Nodal, SEAC-1

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

Annexure-1

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

A. <u>General Conditions:</u>

- 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.
- 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 workrelated 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 (AprilMay), 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.

Annexure-2

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

- 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.
- 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.
 - 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.