Minutes of 817th SEAC-1 Meeting Dated 18/12/2023

The 817th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dualmode (physically/virtually) at 10:00 AM on 18/12/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 817th 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, Directorate of Environment.

1. <u>"Sand/Morrum Mining Project" at Gata No. – 1064 (Khand No. 04) located in village – Kahta Hamirpur, Tehsil – Kalpi & District - Jalaun, Shri Devendra Kumar Gupta, Area 12.12 Ha., 8443/7750/SIA/UP/MIN/451320/2023</u>

RESOLUTION AGAINST AGENDA NO. 01

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.

During the presentation the committee noted that Hon'ble NGT has passed an order dated 27/04/2023 in appeal no. 07/2022 Ghanai Vs. SEIAA, U.P. & Ors. regarding crocodile habitate in District-Jalaun. Hence, the committee directed the project proponent to submit NOC from Forest Department/competent authority regarding the crocodile habitate. The SEIAA may request to send a letter to DFO, Jalaun in this regard and copy of the letter also send to District Magistrate, Jalaun and DGM, U.P. for information and necessary action.

2. <u>"Sand/Morrum Mining" on the riverbed of River Dhasan at Gata No.- 908N (Khand 03),</u> <u>Village- Kharwanch, Tehsil- Garautha, District- Jhansi, Shri Mohammad Javed, Area-</u> <u>12.146 Ha., 8445/SIA/UP/MIN/451244/2023</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 Kharwanch Sand/Morrum Mine riverbed of River Dhasan at Gata No.- 908 N, Khand No.- 03, Village- Kharwanch, Tehsil- Garautha, District- Jhansi, U.P., M/s M.P.L. Infra, (Leased Area-12.146 ha).

On-line proposal No.	SIA/UP/MIN/ 451244 /2023
File No. allotted by SEIAA, UP	8445
Name of Proponent	M/s M.P.L. Infra
	Prop. Mohammad Javed
Full correspondence address of proponent and	R/o 41 Village-Raipur, IIM Road, Tehsil- Sadar District -
mobile No.	Lucknow.(U.P.)
	Mobile No-

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

	Email-					
Name of Project	Kharwanch Sand/Morrum Mining project					
Project location (Plot/Khasra/Gata No.)	Gata No. 908 N, Khand No. 03					
Name of Village	Kharwanch	·				
Tehsil	Garautha					
District	Jhansi					
Name of Minor Mineral	Sand/Morrum					
Sanctioned Lease Area (in Ha.)	12.146 ha					
Max & Min mRL within lease area	Max- 142 mR	L & 141 mRL				
Pillar Coordinates (Verified by DMO)	S	anctioned Mi	ning Le	ase Area		
	Pillar No.	Latitud	e	Longitude		
	Α	25°43'09.8	2"N	79°22'26.00"E		
	В	25°43'15.5	3"N	79°22'33.84"E		
	С	25°43'23.3	4"N	79°22'41.52"E		
	D	25°43'17.8	8"N	79°22'45.83"E		
	Е	25°43'02.7	4"N	79°22'32.92"E		
Total Geological Reserves	98,651 Cum		L			
Total Mineable Reserves in LOI	32,000 cum/yr	•				
Total Proposed Production	32,000 cum/yr	•				
Proposed Production/year	32,000 cum					
Sanctioned Period of Mine lease	5 years					
No. of workers	42					
Type of Land	Government w	vaste land				
Ultimate Depth of Mining	0.39					
Nearest metalled road from site	1.50 km					
Water Requirement	Purp	ose	Re	equirement (KLD)		
	Drinking		0.42	-		
	Suppression of	f dust	4.70			
	Plantation		12.15	12.15		
	Others (if any))	0.42			
	Total		17.69			
Name of QCI Accredited Consultant with QCI No	Cognizance R	esearch India	Pvt. Ltd.			
and period of validity.	Certificate No	. NABET/EIA	/1922/S	A 0186,		
	Validity- 10-0	3-2024				
Any litigation pending against the project or land in	No					
any court						
Details of 500 m Cluster Map & certificate issued	Yes, certified					
by Mining Officer	895/30M.M.C	/2023-24 Date	ed-26/08	3/2023		
Details of Lease Area in approved DSR	Yes, given in	the DSR, refe-	1914/M	1.228/2017(Khnan		
	niti-DSR) date	ed 22.03.2023		CED		
Proposed EMP cost	Recurring Cos	st- 10,95,000/-	Includi	ng CER		
Length and breadth of Haul Road	Length: 0.392	km, width: 6	m			
No. of Trees to be Planted	12146 plants					
Monitoring Period	Oct 2023 to D	ec 2023				

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

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

The consultant (EIA Coordinator) also submitted an affidavit dated 14/12/2023 mentioning is as follows:

- 1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
- 2. I have prepared TOR project for the proposal (SIA/UP/MIN/451244/2023), File No. 8445 of Sand/Morrum Mine riverbed of River Dhasan at Gata No.- 908 N, Khand No.- 03, Village-Kharwanch, Tehsil- Garautha, District- Jhansi, U.P., M/s M.P.L. Infra, (Leased Area-12.146 ha) with my team.
- 3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
- 4. I am satisfied with that all the necessary data/information required for TOR project preparation are true and correct.
- 5. I certify that this project has been uploaded for first time on Parivesh portal.
- 6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
- 7. The Form-1, PFR and EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 02

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

Additional TOR:

- 1. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
- 2. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
- 3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
- 4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
- 5. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
- 6. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
- 7. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP and UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
- 8. 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.
- 9. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
- 10. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 11. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 12. 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.

- 13. 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.
- 14. Proposed plantation working with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
- 15. 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.
- 16. 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.
- 17. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
- 18. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

3. <u>Sand/Morrum Mining project at Gata No.- 434, Village- Kharwanch, Tehsil- Garautha,</u> <u>District: Jhansi, Dr. Kunal Singh, M/s Kayden Mines and Minerals Private Limited, Area:</u> <u>24.281 ha., 8447/SIA/UP/MIN/451262/2023</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 Kharwanch Sand/Morrum Mine at Gata No. 434,Village-Kharwanch, Tehsil- Garautha, District- Jhansi, U.P., of M/s Kayden Mines and Minerals Private Limited, (Leased Area- 24.281 ha.)
- 2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/ 451262 /2023						
File No. allotted by SEIAA, UP	8447						
Name of Proponent	M/s Kayden N	lines and Minerals Pr	ivate Limited				
	Prop. Dr. Kun	al Singh					
Full correspondence address of proponent and	R/o 265 Defer	nce Colony, Hissar, Ha	aryana				
mobile No.	Mobile No-						
	Email-						
Name of Project	Kharwanch Sa	and/Morrum Mining p	roject				
Project location (Plot/Khasra/Gata No.)	Gata No. 434						
Name of Village	Kharwanch						
Tehsil	Garautha						
District	Jhansi						
Name of Minor Mineral	Sand/Morrum						
Sanctioned Lease Area (in Ha.)	24.281 ha						
Max & Min mRL within lease area	Max- 145 mR	L & 144.38 mRL					
Pillar Coordinates (Verified by DMO)	S	anctioned Mining Le	ease Area				
	Pillar No.	Latitude	Longitude				
	Α	25°43'47.90"N	79°23'29.80"E				
	В	25°44'15.00"N	79°23'45.80"E				
	C 25°44'32.20"N 79°23'26.00"E						
	D 25°44'32.06"N 79°23'11.30"E						
	Е	25°44'36.70"N	79°23'11.70"E				
	F	25°44'36.20"N	79°23'25.90"E				
	G	25°44'16.40"N	79°23'49.90"E				

	Н	25°43'44.30	0"N	79°23'31.90"E				
	A1	25°43'53.78	8"N	79°23'39.76"E				
	B1	25°44'5.65	5"N	79°23'47.00"E				
	C1	25°44'23.3	3"N	79°23'40.33"E				
	F1	25°44'27.0	5"N	79°23'42.46"E				
	G1	25°44'4.54	-"N	79°23'51.12"E				
	H1	25°43'51.10	0"N	79°23'41.39"E				
Total Geological Reserves	1,80,732 Cum							
Total Mineable Reserves in LOI	97,500 cum in	6 months						
Total Proposed Production	97,500 cum in	6 months						
Proposed Production/year	97,500 cum in	6 months						
Sanctioned Period of Mine lease	6 months							
No. of workers	41							
Type of Land	Government w	vaste land						
Ultimate Depth of Mining	.62	.62						
Nearest metalled road from site	0.50 km							
Water Requirement	Purp	ose	Requirement (KLD)					
-	Drinking		0.41					
	Suppression of	f dust	5.76					
	Plantation		5.0					
	Others (if any))	0.41					
	Total		11.58					
Name of QCI Accredited Consultant with QCI No	Cognizance R	esearch India F	vt. Ltd.					
and period of validity.	Certificate No	. NABET/EIA	/1922/S/	A 0186,				
	Validity- 10-0	3-2023						
Any litigation pending against the project or land in	No							
any court								
Details of 500 m Cluster Map & certificate issued	Yes, certified							
by Mining Officer	1379/30M.M.C/2023-24 Dated-21/09/2023							
Details of Lease Area in approved DSR	Yes, given in the DSR, at Page No. 50 Sl. No. 04							
Proposed EMP cost	Recurring Cost- 21,92,000/- including CER							
Length and breadth of Haul Road	Length: 0.480	km, width: 6 r	n					
No. of Trees to be Planted	5000 plants							
Monitoring Period	Oct 2023 to D	ec 2023						

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

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

The consultant (EIA Coordinator) also submitted an affidavit dated 14/12/2023 mentioning is as follows:

- 1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
- 2. I have prepared TOR project for the proposal (SIA/UP/MIN/451262/2023), File No. 8447 of Kharwanch Sand/Morrum Mine at Gata No. 434, Village- Kharwanch, Tehsil- Garautha, District-Jhansi, U.P., of M/s Kayden Mines and Minerals Private Limited, (Leased Area- 24.281 ha.) with my team.
- 3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
- 4. I am satisfied with that all the necessary data/information required for TOR project preparation are true and correct.
- 5. I certify that this project has been uploaded for first time on Parivesh portal.

- 6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
- 7. The Form-1, PFR and EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 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. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
- 2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
- 3. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
- 4. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
- 5. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
- 6. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
- 7. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP and UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
- 8. 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.
- 9. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
- 10. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 11. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 12. 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.
- 13. 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.
- 14. Proposed plantation working with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
- 15. 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.
- 16. 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.

- 17. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
- 18. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

4. <u>Expansion of Existing Sugar unit from 4850 TCD to 8000 TCD along without change in Cogen power – 19.80 MW within existing premises at Village: Parsendi , Tehsil: Kaisarganj, District: Bahraich, Shri Anil Sakhuja, M/s Parle Biscuits Private Limited, Unit: Sugar., 8449/7230/SIA/UP/IND2/ 451357/2023</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 & Technical Research Centre. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

- 1. The environmental clearance is sought for Expansion of Existing Sugar unit from 4850 TCD to 8000 TCD along without change in Co gen power- 19.80 MW within existing premises at Village: Parsendi , Tehsil: Kaisarganj, District: Bahraich, U.P., M/s Parle Biscuits Private Limited.
- 2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 283/Parya/SEIAA/7230-A/2022 Dated 12/09/2022.
- 3. The Public Hearing was organized on 21/07/2023. Final EIA report submitted by the project proponent on 06/11/2023
- 4. Salient features of the project:

Sr. No	Particulars	Details							
		Existing	Proposed expan	sion	After Expansion				
1.	Nature and Size of Project	4850 TCD	3150 TCD		8000 TCD				
2.	Locations Details								
	Village/City	Parsendi							
	Tehsil	Kaiserganj							
	District	Bahraich							
	State	Uttar Pradesh							
3.	Area Details								
	Total Plant Area	Existing Industry: 1	6.03 Hectare (39.	.61 Acre)					
		Proposed Expansion	n: Nil						
		Total After Expansi	on: 16.03 Hectar	e (39.61	Acre)				
		No change in the ar	ea of industry, ex	pansion v	will be done within				
		existing premises.							
	Greenbelt / Plantation Area	$\sim 33\%$ of the project area has been provided as green belt. Same							
		will be maintained after expansion also.							
4.	Cost Details								
	Total Project Cost	Existing Cost : Rs 2	240.0Crore.						
		Cost for proposed e	xpansion: Rs 68.0) Crore.					
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Total project cost a	fter expansion: Rs	s 308.0 C	rore.				
	Cost for Environment	Total EMP Cost: R	s 853 Lakh.						
-	Management Plan	Recurring Cost: Rs	466 Lakh/Annum	1					
5.	Number of Working days	200 Days / Annum							
6.	Basic Requirements for the project				<u> </u>				
	Water Requirement	Existing		After Pro	posed expansion				
	Industrial (Fresh Water)	1885 KLD	• `	1875 KL	D				
		(@ 0.38 KL/T of ca	ine crush)	(@ 0.23	KL/T of cane crush)				
	Domestic (Fresh Water)	60 KLD		70 KLD	_				
	Total Fresh Water requirement	1945 KLD		1945 KL	D				
	Source of Fresh Water	Ground water throu	gh Tube / Bore w	ell.					
	Power Requirement	Existing power requ	uirement – 7.5 M	W,					
		After proposed exp	ansion 11.0 MW,	-					
	Man Power Requirement	Existing manpower	of the plant is 57	3 nos and	tor proposed				
		expansion, existing	employees are ca	pable of 1	running the				

				com	complete plant after expansion also.						
					The total estimated manpower (indirect employment) after the						
7				prop	proposed expansion shall be 623 Nos during the peak season						
7.	Fuel and its Quantity			Baga	Bagasse is being / will be used as ruel.						
					Existing requirement: 1044 IPD						
0	Stoom roquiromor	.t.		Exic	ting: 87.45	TDU	. 139.	IPD.			
0.	Steam requiremen	IL			Existing: 8/.45 IPH						
	Source			Thre	r proposed (03) numl	pers hoiler	$\frac{105}{0}$	nacity 32 '	ГРН 32 ТРН		
	bouree			& 45	5 TPH is alr	eady insta	lled.	pucity 52	1111, 52 1111		
9.	Product Details			Exis	ting			After Prop	osed Expansion		
					U			1	1		
a.	Sugar			582	MT/Day			960 MT/D	ay		
b.	Molasses (Byprod	luct)		316	MT/Dav			522 MT/D	av		
с.	Bagasse (By prod	uct)		1395	5 MT/Day			2301 MT/I	Day		
d.	Press Mud (By Pr	oduct)		194	MT/Day			320 MT/D	ay		
e.	Power			19.8	0 MW]	No Change	e		
5. La	nd use details:										
Sr. No	Land Use					Area in S	Sqm	Are	a in Percentage		
1.	Roof Top (Bui	lding, (Covered SI	hed)		12000.0		7.5	U		
2.	Green Belt					52897.6	7	33			
3.	Road and pave	d				16029.60	0	10			
4.	Open Area					59309.5	1	37			
5.	Plant and Mach	ninery				20059.20	0	12.	5		
Grand 7	Fotal					160295.9	98	100	%		
6. Pro	oduct details:										
Product	t and its Quantity		Existing	5				After Exp	ansion		
Sugar Ca				ane 485	50 TCD Cru	ıshing		Sugar Car	e 8000 TCD Crushing		
Sugar (Product)		582 MT	/Day				960 MT/E	Day		
Molass	es (By Product)		316 MT	/Day				522 MT/E	Day		
Bagasse	e (By Product)		1395 M	T/Day				2301 M1/	Day		
Press M	Iud (By Product)		194 MT	/Day				320 M1/L	ay		
/. Ra	w material details	:							1		
Sr.	Particulars	Exist	ting	Proposed		Total after		Source of the raw material &			
No.	0 0	4050	T	Expan	ision	expansion		mode of transportations			
1.	Sugar Cane	4850	1	3150	1	8000 1		From reserve area by tractor			
2	Chemicals							trolley /trucks			
2.	Lime	9.80	т	6367	۲	16 16 T	16 16 T		Will be sourced from Lima		
u.	Linte	2.00	1	0.50 1		10.10 1		Stone n	nines and transported by		
								trucks.	lines and d'ansported of		
b.	Sulphur	3.15	Т	2.05 T		5.2 T		Will be	sourced from oil		
	*							refinery	and transported by		
								truck			
8. W	ater requirement d	letails:									
Sr.	Particulars	I	Existing		Proposed		Tota	l After	Source		
No.	(KLD)				(KLD)		expa	unsion			
							(KL	D)			
1	Industrial (Season) 1885			-		187	5	Ground Water			
And	D		10		10		-		through Tube-well		
2	Domestic water	6	0.45		10		70	-	-		
	Grand Total		1945		-		194)	Morrison - Classes		
	waste water		103		418		152	L	viaximum erriuent		
	generation								generation is being and will be $\bigcirc 0.10$		
									KL / Ton of Cane		
									Crushed.		

9. Domestic solid waste details:

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Category	Type of Waste	Colour of Bins	Disposal Method	Total	Waste
			_	(Kg/day)	
Bio Degradable	Organic Waste	Green	Organic waste converter	93.0	
	_		within the project site		
Non-Biodegradable	Recyclable Waste	White	Authorized Recycler	37.2	
Non-Biodegradable	Inert Waste	Black	Nearby Landfill Site	24.8	
	Total			155.0 Kg/	day

10. Industrial/Process waste details:

Name of Solid waste	Existing	Total After Expansion	Management Plan
	capacity		
Boiler ash	19.0 MT/Day	26.0 MT/Day	Boiler ash is being / will be supplied to
			the brick manufacturer.
ETP Sludge	10.97 MT/Day	1.60 MT/Day	ETP Sludge is being / will be given to
-			the farmers.
Press Mud	194 MT/Day	320 MT/Day	Press mud is being / will be given to the
	-		farmers.

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

Sr. No.	Description	Capital Cost	Recurring Cost / Annum						
1.	Air Pollution Control Equipment (APC)	25	50						
2.	Modification Existing Effluent treatment plant	575	331						
3.	Noise Pollution Management	25	20						
4.	Environmental Monitoring and Management	30	5						
5.	Green Belt Development	38	20						
6.	Occupational Health & Safety	60	25						
7.	Others (Miscellaneous)	100	15						
Total		Rs 853 Lakhs	Rs 466 Lakhs						
Note : Th	Note : The above action plan will be implemented during project implementation phase. Zero date will start								

from the date of start for the proposed project.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 04/12/2023 mentioning is as follows:

- 1. I, Manoj Garg, S/o Late Shri Surendra Kumar Garg is EIA Coordinator of M/s Environmental & Technical Research Centre.
- 2. I have prepared EIA/EMP report for the Expansion of Existing Sugar unit from 4850 TCD to 8000 TCD along without change in Co gen power- 19.80 MW within existing premises at Village: Parsendi, Tehsil: Kaisarganj, District: Bahraich, U.P., M/s Parle Biscuits Private Limited with my team.
- 3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
- 4. I am satisfied with that all the necessary data/information submitted along with Application/EIA/EMP are true and correct.
- 5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- 6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
- 7. I state that all the TOR points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
- 8. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 04

The committee discussed the matter and recommended grant of environmental clearance for the project proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional/specific conditions:

Additional/Specific Conditions:

- I. Three tier green belt shall be developed with native species all along the periphery of the project. Site survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years (Miyawaki method to be adopted for plantation)
- II. Performance test shall be conducted on all pollution control system every year and report shall be submitted to Regional office of the MoEF and CC.
- III. Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface. Regular dust suppression should be done in the industry premises to prevent the dust emission due to vehicular movement
- IV. Properly covered vehicles shall be used while transporting material and product.
- V. Allergy test should also be included in health checkup of works.
- VI. Industry should comply with the CPCB charter guidelines for sugar units and treated water shall be used for the different purposes as per the requirement in industry. Compliance of CPCB charter to be submitted regularly to Directorate and UPPCB.

Standard environmental clearance conditions:

I. Statutory compliance:

- I. 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.
- II. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- III. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden, if applicable. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six monthly compliance report. (in case of the presence of schedule-I species in the study area).
- IV. 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.
- V. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- VI. 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

II. 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 recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

- II. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.s 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 12.0° each), covering upwind and downwind direct ions.
- III. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
- IV. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- V. 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 with.
- VI. 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.
- VII. 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.
- VIII. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

III. Water quality monitoring and preservation

- I. For 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 and connected to SPCB and CPCB online servers.
- II. 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.
- III. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- IV. 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.
- V. Generated effluent shall be treated in ETP and treated effluent shall conform the standard under the EP Act, 1986/CPCB/MoEFCC and treated water from ETP shall be used for irrigation.
- VI. 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.

IV. 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

V. Energy Conservation measures

I. The energy sources for lighting purposes shall preferably be LED based.

VI. 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, if hazardous shall be disposed off to the TSDF.
- III. The company shall undertake waste minimization measures wherever feasible 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

VII. Green Belt

I. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.

VIII. 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 PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- III. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- IV. 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.
- V. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- VI. 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

IX. 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 I 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 sixmonthly 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.

X. Miscellaneous

- I. 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.
- II. 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.
- III. 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.
- IV. The project proponent shall monitor the criteria pollutants level namely; PM_{10} , SO_2 , NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- V. 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.

- VI. 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.
- VII. The project proponent shall inform the Regional Office as well as the Minis try, 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.
- VIII. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- IX. 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.
- X. 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).
- XI. 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.
- XII. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- XIII. The Ministry reserves the right to stipulate additional conditions if found necessary.
- XIV. The Company in a time bound manner shall implement these conditions.
- XV. 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.
- XVI. 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.
- XVII. 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.

5. <u>Building stone Sand Stone Mine at Gata No.- 732, Sl. No.- 43, Village Bhagautidei, Tehsil-</u> <u>Chunar, District- Mirzapur, Smt Sandhya Singh, Area- 0.8090 ha.,</u> <u>8451/SIA/UP/MIN/451426/2023</u>

RESOLUTION AGAINST AGENDA NO. 05

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

6. <u>Reciprocal Warehousing at Village – Benti & Bhokapur, Tehsil- Sarojini Nagar, Lucknow,</u> <u>Shri Jay Ram Jalan, M/s Reciprocal Logistics LLP., 8453/SIA/UP/INFRA2/451434/2023</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 Sawen Consultancy Services Pvt. Ltd. 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 Reciprocal Warehousing at Village – Benti & Bhokapur, Tehsil- Sarojini Nagar, Lucknow, M/s Reciprocal Logistics LLP.
 Project brief:

Descrip	tion	Details					
Total P	ot Area	32181	6.5 sqm.				
Total N	et Plot Area	262160.3sqm.					
Built up	o Area		13004	1.7 sqm.			
Total gr	reen area		68096.	.71sqm.			
Total E	xpected Population		4528N	0.8			
Electric	Load Requirement		2600K	W			
Source	of water supply		Borew	ell			
			(Fresh	Water Requir	ement	-120KLD)	
Total C	onsumption of Water		272KL	D			
Total M	ISW generated		1130K	g/Day			
Propose	a STP capacity		180KL	D			
1 otal Pl	oject Cost		357.92	Crores			
5. PO	DESIGNATION		Domulo	tion			
5. NO.	DESIGNATION		2012	uton			
1	Diffee and Service Staff		3012				
2	Visitors		412				
J Total F	visitors		412 4528N	0.5			
A We	ater calculation details:		+5201	0.3			
ч. та S	Water Use	Populat	ion	Per Capita	Water		Waste Water
No	Water Ose	1 opula	in (LPCD)		Requirement		Generation
1.01				(KLD)			
	RECIPROCAL WAREHOUSING				`	,	
1.	Office and Service Staff	3812	45 171			71.54 137.23	
2.	Permanent Residing Staff	304		86	26.14		20.91
3.	Visitors	412		15 6.18			4.944
					203.	864	163.084
TOTAL	DOMESTIC WATER REQUIREMEN	T					
4.	Gardening/Landscape	68096.7	$71m^2$	1 l/m2	68.0	9	Nil
TOTAL	Area				0.7.1	07	1(2.00
TOTAL	WATER REQUIREMENT				271.	95	163.08
5. Pai	king calculation details:		EGG	<u> </u>		D 11 4	
Descrip Dearlying	tion		ECS	Provided	Parking Area		rea
Parking 4 Whee	W 1.00ECS of covered area		615			12606 420	am
2 Whe	aler Parking (Sacotar/Pikas) @3.0 sam	morking	208			15090.458	sqiii.
2- whe	Parking @1.4sam /parking	/paiking	308				
Cycle –Parking @1.4sqm./parking			1230	FCS			
Description				Provided		Parking A	rea
Parking @ 1.66ECS of covered area				LCS FIOVIDED			
4-Wheeler Parking Area - @ 20sqm./parking						9295.11sq	ım.
2-Whe	eler Parking (Scooter/Bikes) @3.0 sqm.	/parking	185				-
Cycle -	Parking @1.4sqm./parking		185				
-			740F	ECS			
			7 101				

S.nc).]	Description	Population	Per SW gene as p GRI (Kg/	capita eration er HA /day)	Total S generati (Kg/day	 Minimized Biodegradal ion /Compostab ion (Kitchen ar garden wast 		che intervention ind glass, te) paper, plastics)			Non- compostable (inert wastes)	
1	(Office and	3500	0.25		875		437.5			157.5		280
	5	Service											
2	1	Staff Permanent	300	0.65		195		97.5			35.1		62.4
2	1	Residing	500	0.05		1)5		71.5			55.1		02.4
		Staff											
3	`	Visitors	393	0.15		58.95		29.47	5		10.611		18.864
						1128.95	5	564.4	75		203.211		361.264
7.	Lan	dscape plan	:						** *				
Sr. I	NO.	Description	1						Unit	$\frac{160.2}{2}$	~		
2		Total green	area						680	100.38	qm.		
3		Softscaning	area (tree pl	antatio	on)				476	67.69s	am.		
4		Hardscapin	g area (garde	ning)	011)				204	29.013	Bsqm.		
5		Proposed n	umber of tree	s					3,27	7No.s			
8.	Acti	ion Plan as p	per Ministry	's O.I	M. dated	1 30/09/2	020:						
Sr.	Der	mand of	Budget allo	ocatio	n (cost in	INR)	-						
Ν	Vil	lages	1st Year		2nd Ye	ar	3rd	Year		4th	Year	5t	h Year
0	C.		D 25.00.0	001	D 05	00.000/	D			D (25.00.0001	D	25.00.000/
1	Stre	engthening	Rs. 25,00,0	00/-	Rs. 25,	00,000/-	KS.	25,00,0	00/-	KS. J	25,00,000/-	R	5. 25,00,000/-
	Infi	rastructure											
	in r	ural											
	inst	titutions of											
	Ber	nti &											
	Bhe	okapur											
2	Stro LE	eet lights D Bulb	Rs. 10,00,0	00/-	Rs. 10,	00,000/-	Rs.	10,00,0	00/- Rs. 10,00,000/-		Rs	5. 10,00,000/-	
3	Aw	areness	Rs. 25,00,0	000/-	Rs. 25,	00,000/-	Rs.	25,00,0	000/- Rs. 25,0		25,00,000/-	Rs	s. 25,00,000/-
	can	nps, medical											
	can	nps for ular baalth											
	che	ckups in											
	Ber	nti &											
	Bh	okapur											
4	Ski	11	Rs. 47,37,6	500/-	Rs. 47,	37,600/-	Rs.	47,37,6	600/-	Rs. 4	47,37,600/-	Rs	8. 47,37,600/-
	De	velopment											
	Pro	gramin											
	Bei	ill &											
	bat	tle against											
	pov	verty and											
	une	mployment											
	[Sp	onsorship											
	Of	Candidates											
	for	Skill											
		veropment,											
	trai	ning											
	pro	grams,											
	app	renticeships											
	, an	d											
1	ent	repreneurshi								1		1	

6. Municipal Solid Waste Generation details:

	p training]						
	Total	Rs.1,07,37,600	Rs.1,07,37,600	Rs.1,07,37,600	Rs.1,07,37,600	Rs.1,07,37,600	
		/-	/-	/-	/-	/-	
Note : The above action plan will be implemented during project implementation phase. Zero date will start							
from the date of start for the proposed project.							

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

The consultant (EIA Coordinator) also submitted an affidavit dated 16/12/2023 mentioning is as follows:

- 1. I, Satyendra Singh, S/o Late R.P. Singh is EIA Coordinator of M/s Sawen Consultancy Services Pvt. Ltd.
- 2. I have prepared Form-1, Form-1A, Conceptual Plan & EMP report for the Reciprocal Warehousing at Village Benti & Bhokapur, Tehsil- Sarojini Nagar, Lucknow, M/s Reciprocal Logistics LLP with my team.
- 3. I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
- 4. I am satisfied that all the necessary data/information submitted along with application are true and correct.
- 5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- 6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
- 7. The EIA/EMP report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 06

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. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
- 2. Project proponent should ensure that there will be no use of "Single use of Plastic" (SuP).
- 3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
- 4. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
- 5. The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
- 6. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
- 7. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.

- 8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
- 9. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water.
- 10. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
- 11. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
- 12. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.
- 13. The project proponent shall plan for storm water management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time.

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.

<u>"Building Stone (Granite Khanda, Boulder, Ballast)" Mining Project at Araji No.- 93</u> (Khand No.- 25) Village: Bari, Tehsil: Sadar, District: Mahoba, Smt. Prema Devi, Area: <u>1.012 Ha., 8455/7884/SIA/UP/MIN/451494/2023</u>

RESOLUTION AGAINST AGENDA NO. 07

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

8. <u>Dolostone (Gitti, Boulders) Mining Project at Araji No- 4822, 4825, 4838, 4839, 4840, 4841</u> <u>Kh& 4842 Ka, Village- Billimarkundi, Tehsil- Obra, District-Sonbhadra Shri Naveen</u> Kumar Srivastava, Area- 3.2300 Ha., 8457/SIA/UP/MIN/451207/2023

RESOLUTION AGAINST AGENDA NO. 08

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

9. <u>Building stone Sand Stone Mine at Gata No.- 732, Sl. No.- 44, Village- Bhagautidei, Tehsil-</u> <u>Chunar, District- Mirzapur, Shri Rajesh Bhai Patel, Area 1.01 Ha.,</u> <u>8459/SIA/UP/MIN/451581/2023</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 Bhagautidei Building Stone Sand Stone Mine at Gata No.- 732, Sl. No.- 44, Village- Bhagautidei, Tehsil- Chunar, District- Mirzapur, U.P., of Prop. Shri Rajesh Bhai Patel., (Leased Area- 1.01 ha).
- SIA/UP/MIN/ 451581 /2023 On-line proposal No. 1. File No. allotted by SEIAA, UP 2. 8459 Prop. Shri Rajesh Bhai Patel 3. Name of Proponent Full correspondence address of proponent and R/o Ramrahsi, Patihatha Tehsil-Chunar District: 4. Mirzapur, Uttar Pradesh mobile No. Mobile No-Email-Name of Project Bhagautidei Building stone Sand Stone Mining project 5. Project location (Plot/Khasra/Gata No.) Gata No 732 Sl. No. 44 6. Name of Village 7. Bhagautidei 8. Tehsil Chunar 9. District Mirzapur Name of Minor Mineral Building Stone Sand Stone 10. Sanctioned Lease Area (in Ha.) 1.01 ha 11. Max & Min mRL within lease area Max- 121.0 mRL & 112.0 mRL 12. Pillar Coordinates (Verified by DMO) 13. Sanctioned Mining Lease Area Pillar No. Latitude Longitude 25° 3'12.82"N 82°59'32.40"E А В 25° 3'8.06"N 82°59'27.46"E
- 2. Salient features of the project as submitted by the project proponent:

		C	25° 3'12.65	5"N	82°59'27.39"E	
14.	Total Geological Reserves	1,85,662 Cum				
15.	Total Mineable Reserves in LOI	10,100 Cum/year				
16.	Total Proposed Production	10,100 Cum/y	ear			
17.	Proposed Production/year	10,100 Cum				
18.	Sanctioned Period of Mine lease	20 years				
19.	No. of workers	27				
20.	Type of Land	Government w	aste land			
21.	Ultimate Depth of Mining	30				
22.	Nearest metalled road from site	1.00 km				
23.	Water Requirement	Purpo	ose	Re	quirement (KLD)	
		Drinking		0.27		
		Suppression of dust 4.62				
		Plantation 1.01				
		Others (if any)	1	0.27		
		Total		6.17		
24.	Name of QCI Accredited Consultant with QCI	Cognizance R	esearch India	Pvt. Lt	d.	
	No and period of validity.	Certificate No	. NABET/EIA	x/1922/	/SA 0186,	
		Validity- 10-0	3-2024			
25.	Any litigation pending against the project or	No				
	land in any court					
26.	Details of 500 m Cluster Map & certificate	Yes, certified				
	issued by Mining Officer	6165/M.M.C-	30/2022-23 D	ated-12	2/10/2023	
27.	Details of Lease Area in approved DSR	Yes, given in the DSR				
28.	Proposed EMP cost	Recurring Cost- 6,03,000/- including CER				
29.	Length and breadth of Haul Road	Length: 0.385	km, width: 6	m		
30.	No. of Trees to be Planted	1010 plants				
31.	Monitoring Period	March 2024 to	May 2024			

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

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

The consultant (EIA Coordinator) also submitted an affidavit dated 14/12/2023 mentioning is as follows:

- 1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
- 2. I have prepared TOR project for the proposal (SIA/UP/MIN/451581/2023), File No. 8459 of Building Stone Sand Stone Mine at Gata No.- 732, Sl. No.- 44,Village- Bhagautidei, Tehsil-Chunar, District- Mirzapur, U.P., (Leased Area- 1.01 ha) with my team.
- 3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
- 4. I am satisfied with that all the necessary data/information required for TOR project preparation are true and correct.
- 5. I certify that this project has been uploaded for first time on Parivesh portal.
- 6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
- 7. The Form-1, PFR and EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 09

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

10. <u>"Sand/Morrum Mine" from Riverbed of Yamuna River, at (Gata No. Part of 56, 57, 92/6, 93/1, 94, 95/2, & Part of 60/1/3) Village- Sadimadanpur Tehsil- Pailani, Banda, Shri Ashok Kumar, M/s A.S. Traders, Area -18.50 Ha., 8461/SIA/UP/MIN/439858/2023</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 AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for "Sand/Morrum Mining" from Riverbed of Yamuna River at Gata No.- Part of 56, 57, 92/6, 93/1, 94, 95/2, & Part of 60/1/3, Village- Sadimadanpur, Tehsil-Pailani, District- Banda, Uttar Pradesh, M/s A.S. Traders, (Leased Area- 18.50 ha.).

	sument reatures of the project as suchinte	a of the project proponent.					
1.	On-line proposal No.	SIA/UP/MIN/439858/2023					
2.	File No. allotted by SEIAA, UP	8461					
3.	Name of Proponent	M/s A.S. Traders (Prop. Shri Ashok Kumar)					
4.	Full correspondence address of proponent	R/o- 51 Ka, Kalauliteer Danda, District- Hamirpur, U.P.					
		E-mail Id- ashoksachan1837@	gmail.com				
5.	Name of Project	"Sand/Morrum Mining" from	"Sand/Morrum Mining" from Riverbed of Yamuna River at				
		Village- Sadimadanpur, Gata No Part of 56, 57, 92/6, 93/1,					
		94, 95/2, & Part of 60/1/3, Are	ea- 18.50 Ha., Tehsil- Pailani,				
		District- Banda, Uttar Pradesh	District- Banda, Uttar Pradesh, Project Proponent- M/s A.S.				
		Traders (Prop. Shri Ashok Kun	nar)				
6.	Project Location (Plot/Khasra/Gata No.)	Gata No Part of 56, 57, 92	/6, 93/1, 94, 95/2, & Part of				
		60/1/3, Village- Sadimadanpu	ur, Tehsil- Pailani, District-				
		Banda, Uttar Pradesh					
7.	Name of Village	Sadimadanpur					
8.	Tehsil	Pailani					
9.	District	Banda					
10.	Name of Minor Mineral	Sand/Morrum					
11.	Sanctioned Lease Area (in Ha.)	18.50 ha.					
12.	Max. & Min mRL within lease area	Highest mRL is 117.0 mRL &					
		Lowest mRL is 113.0 mRL					
13.	Pillar Coordinates (Verified by DMO)	Coordinates of the sanctioned lease area-					
		Pillar Latitude (N) Longitude (E)					
		A 25°46'38.91"N	80°34'09.60"E				
		B 25°46'40.60"N	80°34'26.49"E				
		C 25°46'18.17"N	80°34'20.32"E				
		D 25°46'19.26"N	80°34'16.59"E				
14.	Total Geological Reserves	$7,40,000 \text{ m}^3$					
15.	Total Mineable Reserves	$5,55,722 \text{ m}^3$					
16.	Total Proposed Production (in five years)	2,778,610 m ³ in 5 years					
17.	Proposed Production/year	$5,55,722 \text{ m}^3 \text{ per annum}$					
18.	Sanctioned Period of Mine lease	05 years					
19.	No. of workers	52					
20.	Type of Land	Govt. land					
21.	Ultimate Depth of Mining	3.0 m					
22.	Nearest metalled road from site	1.7 km					
23.	Water Requirement	PURPOSE	REQUIREMENT (KLD)				
		Drinking	0.52 KLD				
		Suppression of dust 1.80 KLD					
		Plantation 0.60 KLD					
		Others (if any)	-				
		Total	2.92 KLD				
24.	Name of QCI Accredited Consultant with	AWS Envirotech (OPC) Pvt. L	td.				
	QCI No and period of validity.	Certificate no. NABET/EIA/22	25/IA 0097(Rev.01)				
	-	Valid Till July 14, 2025					

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

25.	Any litigation pending against the project	No
	or land in any court	
26.	Details of 500 m Cluster Certificate	vide letter no. 1946/khanij-30, Banda
	verified by Mining Officer	Dated on 16.06.2023
27.	Details of Lease Area in approved DSR	DSR corrigendum Vide letter No. 1204/Khanij-30, Banda,
		dated on 15.12.2023, in approved DSR on Pg. No. 66, at Sl.
		No 86, 87, 88
28.	Proposed EMP cost	Rs.10 Lakhs as Capital cost and Rs. 8 lakhs as recurring cost
29.	Length and breadth of Haul Road	200m & 6m
30.	No. of Trees to be Planted	300
31.	Monitoring Period	October-December, 2023 (Intimation Letter Attached)

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

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

The project proponent also submitted a letter dated 30/09/2023 at the Directorate of Environment through which they have informed that the collection of baseline monitoring data for the said project has already been started for post-monsoon season (October to December, 2023) as per provision of MoEFCC, OM dated 08/06/2022.

The consultant (EIA Coordinator) also submitted an affidavit dated 08/11/2023 mentioning is as follows:

- 1. I Sandeep Kumar S/o Sri R. K. Verma is EIA coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd. Lucknow,
- I have prepared the ToR application report for the Proposal of Riverbed Sand/Morrum Mine, situated in Gata No. Part of 56, 57, 92/6, 93/1, 94, 95/2, & Part of 60/1/3, Village- Sadimadanpur, Tehsil- Pailani, District- Banda, Uttar Pradesh (Project Proponent- Shri Ashok Kumar for M/s A.S. Traders) with my team.
- 3. I have personally visited the site of proposal and certify that no mining/construction activity has been undertaken on the project site for the present proposal.
- 4. I am satisfied that all the necessary data/information submitted along with ToR application 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 submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
- 7. The TOR application for the proposal is prepared by my team as per guidelines laid down by NABET/QCI.

RESOLUTION AGAINST AGENDA NO. 10

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. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.

- 2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
- 3. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
- 4. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
- 5. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
- 6. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
- 7. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP and UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
- 8. 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.
- 9. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
- 10. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 11. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 12. 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.
- 13. 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.
- 14. Proposed plantation working with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
- 15. 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.
- 16. 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.
- 17. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
- 18. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

11. <u>"Sand/Morrum Mining" on the riverbed of River Betwa at Gata No.- 1129,Village- Dikauli,</u> <u>Tehsil- Garautha, District- Jhansi, Shri Ram Singh, Area- 12.140 ha.,</u> <u>8463/SIA/UP/MIN/451737/2023</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 Dikauli Sand/Morrum Mine at Gata No.- 1129,Village-Dikauli, Tehsil- Garautha, District- Jhansi, U.P., (Leased Area- 12.140 ha.).
- 2. Salient features of the project as submitted by the project proponent:

		451727 /000	.			
On-line proposal No.	SIA/UP/MIN/	4517377202.	3			
File No. allotted by SEIAA, UP	8463					
Name of Proponent	Prop. Shri Ram Singh S/o Shri Kriparam					
Full correspondence address of proponent and	R/o Village- V	eerpur, Post-	Bhadarw	alakhurd, Tehsil-		
mobile No.	Garautha, Dist	rict- Jhansi, U	Jttar Prad	lesh		
	Mobile No-	Mobile No-				
	Email-					
Name of Project	Dikauli Sand/	Morrum Mini	ng projec	t		
Project location (Plot/Khasra/Gata No.)	Gata No. 1129					
Name of Village	Dikauli					
Tehsil	Garautha					
District	Jhansi					
Name of Minor Mineral	Sand/Morrum					
Sanctioned Lease Area (in Ha.)	12.140 ha					
Max & Min mRL within lease area	Max- 142 mRI	L & 141 mRL				
Pillar Coordinates (Verified by DMO)		Sanctioned M	ining Lea	se Area		
	Pillar No.	Latitu	de	Longitude		
	A	25°48'25.	80"N	79° 8'30.20"E		
	В	25°48'27.	70"N	79° 8'30.10"E		
	C	25°48'29.	30"N	79° 8'56.90"E		
	D	25°48'24.	30"N	79° 8'56.70"E		
	Е	25°48'21.	80"N	79° 8'44.20"E		
	F 25°48'23.10"N 79° 8'33.20"E			79° 8'33.20"E		
Total Geological Reserves	2.55.664 Cum					
Total Mineable Reserves in LOI	18,000 cum in 6 months					
Total Proposed Production	18,000 cum in 6 months					
Proposed Production/year	18.000 cum in 6 months					
Sanctioned Period of Mine lease	6 months					
No. of workers	41					
Type of Land	Government w	aste land				
Ultimate Depth of Mining	0.245					
Nearest metalled road from site	1.50 km					
Water Requirement	Purp	ose	Requirement (KLD)			
*	Drinking		0.41	• · · · · · · · · · · · · · · · · · · ·		
	Suppression of	f dust	5.10			
	Plantation		2.60			
	Others (if any)		0.41			
	Total 8.52					
Name of OCI Accredited Consultant with OCI No	Cognizance Re	esearch India	Pvt. Ltd.			
and period of validity.	Certificate No.	NABET/EIA	x/1922/S/	A 0186,		
	Validity- 10-03-2024			,		
Any litigation pending against the project or land	No					
in any court						
Details of 500 m Cluster Map & certificate issued	d Yes, certified					
by Mining Officer	895/30M.M.C/2023-24 Dated-26/08/2023					
Details of Lease Area in approved DSR	Yes, given in the DSR, at Table No. 09					
Proposed FMP cost	Becurring Cost_ 4.00.000/_ including CEP					
Length and breadth of Haul Road	Length 0 425	km width 6	m			
No. of Trees to be Planted	Lengin: 0.425 km, width: 0 m					
Monitoring Deriod	2000 plains	ac 2023				
wontoffing renou	Oct 2023 to Dec 2023					

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

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

The consultant (EIA Coordinator) also submitted an affidavit dated 14/12/2023 mentioning is as follows:

- 1. I, Ankur Sharma, S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
- 2. I have prepared TOR project for the proposal (SIA/UP/MIN/451737/2023), File No. 8463 of Dikauli Sand/Morrum Mine at Gata No.- 1129, Village- Dikauli, Tehsil- Garautha, District-Jhansi, U.P., (Leased Area- 12.140 ha.) with my team.
- 3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
- 4. I am satisfied with that all the necessary data/information required for TOR project preparation are true and correct.
- 5. I certify that this project has been uploaded for first time on Parivesh portal.
- 6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
- 7. The Form-1, PFR and EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 11

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. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
- 2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
- 3. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
- 4. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
- 5. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
- 6. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
- 7. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP and UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
- 8. 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.

- 9. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
- 10. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 11. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 12. 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.
- 13. 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.
- 14. Proposed plantation working with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
- 15. 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.
- 16. 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.
- 17. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
- 18. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

12. <u>"Sand/ Bajri/ Boulder (RBM) Excavation Project" at Gata No. – 1/1 /1,Village – Nooniyari</u> <u>Aht, Tehsil – Behat & District - Saharanpur, Shri Subhash Tyagi, Area- 19.0 Ha.,</u> <u>8465/SIA/UP/MIN/451762/2023</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.). The committee noted that Hon'ble NGT, New Delhi has passed an order dated 08/11/2023 in original application no. 188/2023 (I.A. No. 76/2023, I.A. No. 91/2023 & I.A. No. 92/2023) Gaurav Kumar Vs. State of Uttar Pradesh & Ors. The operating part of order is as follows:

"...Having regard to the plea raised and argument advanced by the Counsel for the applicant, we are of the view that a case is made out by the applicant for grant of interim relief. Accordingly, we direct that the ECs will not be issued to the above newly added respondents by the competent authority without the leave of the Tribunal."

The committee discussed the matter in view of above Hon'ble NGT order dated 08/11/2023 and the SEAC is of the opinion that the SEIAA may decided that whether the terms of reference (TOR) for the mentioned projects may be granted or not?

13. <u>Sand/Morrum Mine from Riverbed of Yamuna River, Village- Patyora, Khand No.- 31/3,</u> <u>Tehsil- Hamirpur, District– Hamirpur, Shri Sharad Pratap Singh, M/s Sharad Enterprises,</u> <u>Area- 36.437 ha., 8157/SIA/UP/MIN/441455/2023</u>

The Secretariat informed the committee that the matter was earlier discussed in 760th SEIAA meeting dated 29/09/2023 wherein:

"SEIAA noted that SEAC has recommended to issue additional ToR. SEIAA gone through file and document and found that LOI is of 2018 for 5 years. SEIAA opined that the project proponent shall submit validity of LoI from DM Office to SEAC. Hence the project is referred back to SEAC for

review. SEIAA also opined that consultant M/s AWS Envirotech (OPC) Pvt. Ltd should be issued show cause notice regarding the above irregularity."

As per the above decision of SEIAA, the matter was listed in 817th SEAC meeting dated 18/12/2023. The project proponent submit the letter dated 26/10/2023 issued by ADM, Hamirpur through which they informed is as follows:

"...अवगत कराना है कि तहसील हमीरपुर के ग्राम–पत्यौरा के खण्ड संख्या–31/3, रकबा–36.437 हे0 के लिये आपके पक्ष में कार्यालय के पत्र संख्या–711/खनिज–एम0एम0सी0–तीस–विविध (2018–19), दिनांक 30–07–2018 द्वारा लेटर ऑफ इन्टेंट (LOI) निर्गत किया गया है, जो वर्तमान में वैध है, जिस पर किसी संशोध की आवश्यकता नहीं है।"

The committee has gone through the reply submitted by the project proponent and opined that the reply submitted by the project proponent seems to be satisfactory and recommended to issue the terms of reference for the preparation of EIA report as earlier prescribed 780th SEAC meeting dated 01/09/2023.

14. <u>IT SEZ Project on Plot No.- TZ-6, Greater Noida, District- Gautam Budha Nagar, Shri</u> <u>Chanderkant, M/s Ansal IT City and Parks Ltd., 8211/8071/SIA/UP/INFRA2/442944/2023</u>

RESOLUTION AGAINST AGENDA NO. 14

The committee noted that the any responsible person from the project proponent side did not present during the meeting. Hence, the committee directed the project proponent to director/any responsible person should present before the SEAC.

The matter will be discussed after receipt of online request on prescribed portal.

15. <u>"Ordinary Soil Excavation" Project at Gata No.- 934, Village – Siras Kheda, Tehsil &</u> District-Moradabad, Mohd. Rafi, Area: 2.719 Ha., 8235/SIA/UP/MIN/442447/2023

The Secretariat informed the committee that a compliant letter dated 14/12/2023 of Shri Ramswarup, S/o Shri Thaan Singh, Village-Sirsakheda, Tehsil & District-Moradabad has been received through email on 19/12/2023 and the complaint letter put up before SEAC in its 817th meeting dated 18/12/2023.

The committee has gone through the complaint letter dated 14/12/2023 of Shri Ramswarup and decided to share the aforesaid complaint letter with the Project Proponent/Consultant to submit points-wise reply and the complaint letter also send to District Magistrate, Moradabad to provide factual report regarding the complaint letter.

The matter will be discussed after receipt of above information on prescribed portal.

16. <u>Commercial Project "Lotus Nikko Hotel & Convention Centre Unit" at Plot No: 1, Circuit House Road, Padleygunj, Gorakhpur, M/s Lotus Trans Travel Pvt. Ltd., 8057/SIA/UP/INFRA2/439572/2023</u>

The Secretariat informed the committee that the matter was earlier listed in 806th SEAC meeting dated 03/11/2023 and the project proponent/consultant did not appear in the meeting and the committee decided that the project file should be closed and be opened only after request from the project proponent. The project proponent submitted their request through online Parivesh Portal and the matter was listed in 817th SEAC meeting dated 18/12/2023.

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with

their consultant M/s Ind Tech House Consult, Delhi. 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 Commercial Project "Lotus Nikko Hotel & Convention Centre Unit" at Plot No: 1, Circuit House Road, Padleygunj, Gorakhpur, M/s Lotus Trans Travel Pvt. Ltd.
- 2. Total plot area is 20510.28 m2 whereas built-up area will be 32466.13 m².
- 3. Expected population will be 4894.
- 4. Maximum number of floors will be: B+G+5 and maximum height of the building will be 24.3 m.
- 5. Environmental sensitivity surrounding the project site:

S.N.	Particulars	Details		
1.	Geo coordinates of the project	26°44'33.80"N, 83°23'9.45"E		
2.	Nearest National Highway	NH-28-52 m, N		
		NH-24-1.61 KM, W		
		NH-727 BB-2.40 KM, NW		
3.	Nearest Railway Station	Gorakhpur Junction -1.82 km, NW		
		Gorakhpur Cantt Train station- 3.24 km, NE		
		Unaula - Train station -9.57 km, NE		
		Domingarh - Train station- 4.93 km, NW		
4.	Nearest Airport	Gorakhpur Airport-4.73 Km, NE		
5.	Nearest Town/ City	Within the vicinity of Gorakhpur City.		
6.	River Body/ water body	Rohini Nadi -5.45 Km, NW		
		Hasuni Nadi -5.44 Km, SW		
		Gaura Nadi- 4.54 Km, SE		
		Rapti River- 3.7 Km, SE		
		Ramgarh Tal		
7.	Hills/ Valleys	Not within 10 km from the project site		
8.	Site Topography	Plain		
9.	Archaeologically Important Site	Not within 15 km from the project site		
10.	National Parks/ Wildlife Sanctuaries	Not within 15 km from the project site		
11.	Reserve / Protected Forest	Ramgarh R.F -5.85 Km, E.		
		Tilkonia R.F 4.15 Km, NE .		
		Bangain P.F 10.25 Km, N		
12.	State Boundary	Not within 15 km from the project site		
13.	Seismicity	The study area falls under Seismic Zone-IV		

6. Salient features of the project:

Sl. No.	Description	Quantity	Unit		
GENERAL					
1	Net Plot Area	20510.28	SQMT		
2	Proposed Built Up Area	32466.13	SQMT		
3	Number of Building Blocks	2	No.		
4	Proposed No of Hotel Suites	101	No.		
5	Max Height of Building (Up to Terrace)	24.3	М		
6	Max No of Floors	B+G+5	No.		
7	Expected Total Population	4894	No.		
8	Cost of Project	75	CR		
9	Project Detail- 4 Star Hotel, Commercial Retail, Banquet Hall/Convention Cent, Conference Halls,				
	Swimming Pool etc.				
AREAS					
10	Permissible Ground Coverage Area (40%)	8204.11	SQMT		
11	Proposed Ground Coverage Area (16.4%)	3372.536	SQMT		
12	Permissible FAR Area (2)	41020.50	SQMT		
13	Proposed FAR Area (1.02)	20837.39	SQMT		
14	Total Non-FAR areas	11628.74	SQMT		
15	Proposed Total Built Up Area	32466.13	SQMT		
WATER			•		

16	Total Water Requirement		209		
17	Fresh water requirement		131	KLD	
18	Treated Water Requirement		78	KLD	
19	Waste water Generation		168	KLD	
20	Proposed Capacity of STP		205	KLD	
21	Treated Water Available for Reuse		151	KLD	
22	Treated Water Recycled		78	KLD	
23	Surplus treated water to be discharged in N	Junicipal Sewer	73	KLD	
RAIN WA	ATER HARVESTING	•			
24	No of RWH Tank		1	No.	
PARKIN	G			•	
25	Proposed Total Parking		14862.1	SQMT	
GREEN A	AREA				
26	Proposed Green Area (15.1% of plot area)		3097.1	SQMT	
WASTE					
27	Total Solid Waste Generation		0.86	TPD	
28	Organic waste		0.34	TPD	
ENERGY	7				
29	Total Power Requirement		200	KW	
30	DG set backup		400	KVA	
			(200 for standby)		
31	No of DG Sets		2	No.	
14. Lanc	l use details:				
S. No.	Particulars	Area (sqm)	% w r t plot a	rea	
1	Ground Coverage Area	3372.536	16.4		
2	Green Area	3097.1	97.1 15.1		
3	Road/Paved/Parking Area	10320	50.3		
4	Other Open Area	3/20.644	18.1		
J 7 Wet	Total Flot Alea	20310.28	100		
7. Wall				1	
WATER	REQUIREMENT				
		APEA/UNIT		INKI	
HOTELS	SUITES (4 Star or Above)	ARLA/UNIT	215	INKL	
DOMEST		248	260	64 48	
FLUSHIN	NG	248	60	14.88	
NON-RE	SIDENTIAL (Working Population)	2.0		1.100	
DOMEST	FIC	1380	25	34.49	
FLUSHIN	NG	1380	20	27.60	
RESTAU	RANT attached with commercial retail				
DOMEST	FIC	141	1 55		
FLUSHIN	NG	141	15	2.11	
EXTRA	WATER REQUIREMENT FOR BANQUE	ET	LS	5	
HALL/ C	ONVENTION HALL - DOMECTIC (FRES	SH			
WATER)	-				
VISITOR	S				
DOMEST		3044	5	15.22	
FLUSHIN	NG	3044	10	30.44	
TOTAL	OPULATION	4815			
	DV	KG 424	KG 20		
LAUNDA	11 1	454	20	0.00	
		3007	1	2.10	
UANDER	1110	KVA	5097 I		
DGCOC	NINC (Air acold)	200	0.9 0		
	J TNUT CALL-COOLEGT		· · · · · · · · · · · · · · · · · · ·		
SWIMMI	ING POOL	1	0.9	5	

8. Waste water details:

- Estimated waste water Generation: 168 KLD (STP) and 7KLD (ETP).
- ➢ 151 KLD treated water will be generated from on site STP & ETP of 205 KLD and 10 KLD respectively.
- > 78 KLD treated water will be used for flushing & gardening.
- ➢ 73 KLD surplus treated water to be discharged into municipal sewer with prior permission.
- Proposed treatment methodology : MBBR
 Treatment up to tertiary level.
- STP shall have power back-up for uninterrupted operation during power failure.
- 9. Landscape plan:

Plot Area	20510.28 m2
Proposed Green Area (15.1 % of the net plot area)	3097.1 m2
Required No of Trees	256
Proposed No. of trees	260

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

S. No.	Expenditure	Amount	2023	2024	2025	2026	2027
	-	(Lacks)					
1.	Sanitation (preparation of toilets) in	17	3	3	3	3	3
	Village Ajakpur , Gaighat Khurd ,						
	Dangipar						
2.	Health (Medical Camp) in Village	18	4	4	4	4	4
	Ajakpur, Gaighat Khurd, Dangipar						
3.	Development of Smart class in 20	12	2	2	2	2	2
	Government Schools in UP						
4.	Road development and Maintenance in	15	3	3	3	3	3
	Village Ajakpur , Gaighat Khurd ,						
	Dangipar						
5.	Installation of solar lights in Govt.	23	5	5	5	5	5
	schools						
6	Solid waste management facility	12	2	2	2	2	2
	(provision of supply of OWC in schools)						
7	Donation for Scientific Research to	23	5	5	5	5	5
	renowned university						
8	Scholarship to BPL Students	20	4	4	4	4	4
9	Avenue Plantation/ plantation in	12	2	2	2	2	2
	community area in Village Ajakpur,						
	Gaighat Khurd , Dangipar						
	Total	150	30	30	30	30	30

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

The consultant (EIA Coordinator) also submitted an affidavit dated 22/08/2023 mentioning is as follows:

- 1. I, Anand Kumar Dubey, S/o Shri Amar Nath Dubey is EIA Coordinator of M/s Ind Tech House Consult.
- 2. I have prepared Form-1, Form-1A, Conceptual Plan & EMP Report for the Proposal no. SIA/UP/INFRA2/439572/2023) in the name of Commercial Project "Lotus Nikko Hotel & Convention Centre Unit" at Plot No: 1, Circuit House Road, Padleygunj, Gorakhpur, M/s Lotus Trans Travel Pvt. Ltd. with my team.
- 3. I have personally visited the site of proposal and certify that no mining/construction activity has been undertaken on the project site for the present proposal.
- 4. I am satisfied that all the necessary data and information submitted along with Form 1, Form 1(A), conceptual plan and EMP are true and correct.
- 5. I certify that this project has been uploaded for first time on PARIVESH Portal.
- 6. I certify that there is no mismatch between information and data provided on the online application submitted on Parivesh portal & the hard copy/presentation which has been submitted after acceptance of application.

7. The Form-1, Form-1A, Conceptual Plan & EMP report for the above referred proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 16

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

Specific Conditions:

- 1. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
- 2. Project proponent should ensure that there will be no use of "Single use of Plastic" (SuP).
- 3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
- 4. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
- 5. The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
- 6. The project proponent should develop green belt in the said project as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
- 7. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
- 8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
- 9. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water.
- 10. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
- 11. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
- 12. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 05 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.
- 13. The project proponent shall plan for storm water management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time.
- 14. Submit the regularly compliance of CSR and investment incurred in development of adopted village to IRO, Lucknow, MoEF&CC, GoI and Directorate of Environment U.P.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

- 1. Statutory compliance:
 - 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 - 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
 - 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 - 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 - 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 - 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 - 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
 - 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 - 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- 2. Air quality monitoring and preservation:
 - 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 - 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 - 3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 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:
 - 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.
 - 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)

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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.

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

(Om Prakash Srivastava) Member (Ashish Tiwari) Member-Secretary, SEAC (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-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.
- Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 29) Necessary data and documentation in this regard may be provided. In case the working will intersect

groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

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

- d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
- e) Where the documents provided are in a language other than English, an English translation should be provided.
- f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- 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.