The 526th meeting of SEAC was held in Directorate of Environment, U.P. on 23/02/2021. Following members were present in the SEAC meeting:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Ranjeet Kumar Dalela,	Member
6.	Dr. Ajoy Kumar Mandal,	Member
7.	Shri Rajive Kumar,	Member
8.	Shri Meraj Uddin,	Member

The Chairman welcomed the members to the 526th SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

1. Formaldehyde Manufacturing Unit-19800 MT/ Annum (60.0 MT/day) at Plot No.-12, Rajapur Industrial Area, District-Lakhimpur Kheri, U.P.,Shri Abhishek Modi, M/s Power Bridge Chemicals. File No. 5731/Proposal No. SIA/UP/IND2/54695/2020

The committee noted that the matter has already been discussed by SEAC in its 519th meeting dated 06/01/2021 and recommended to grant the environmental clearance along with conditions. Hence, no action is required in the matter.

2. <u>Group Housing Project ''SKA Orion'' at Plot No.-GH-01/A2, Sector- 143, Noida, U.P., Shri</u> <u>Sanjay Sharma, M/s Provence Developer Pvt. Ltd. File No. 6120/Proposal No.</u> <u>SIA/UP/MIS/192361/2021</u>

A presentation was made by the project proponent along with their consultant M/s Environmental and Technical Research Centre. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The Environment clearance is sought for Group Housing Project "SKA Orion" at Plot No.-GH-01/A2, Sector- 143, Noida, U.P., M/s Provence Developer Pvt. Ltd.

2. Salient leatures of the project.	
Name and Location of the Project	Group Housing project "SKA ORION" at Plot noGH -01/A2, Sector-143B,
	Noida, Distt Gautam Buddha Nagar (U.P).
Developers of the project	M/s Provence Developers Private Limited
Total Plot Area	13457.92 sq. m. (1.345792 Hectares approx)
Built-up Area	87266.136 sq. m
Fresh Water Requirement	157 KLD (Source – Municipal Supply)
Power Requirement	1750 KVA
Power Backup	2 nos. of DG sets of total capacity 1000 KVA (500 KVA X 02)
Total Parking Proposed	Parking Proposed – 742 ECS
Solid Waste to be Generated	Approx 1165 Kg/Day

2. Salient features of the project:

		Horticulture	re Waste : 18.0 kg /Day				
Total Proj	ect Cost	180 Crores	es estatement of the second seco				
Solar Ligh	nts	ghting will be done through solar lighting system.					
Ready 1	nix concrete plant during	30 Cubic me	ter / hour				
constructi	construction phase						
3. A	Area details of the project:						
S. No.	Particulars						Area (in sq.m)
1.	Total Plot Area	2.5.07 0.1 1					13457.92
2.	Permissible Ground Coverage (.	35 % of the plo	ot area)				4710.272
3.	Proposed Ground Coverage (30.	.9 % of the plo	ot area)				4166.73
4.	Open Area						9291.19
5.	Linner Decement						22802.300
	Upper Basement						10520.245
	Lower basement						1749 88
6	Stilt	· 1 1	.1 1				52921 (9
6a.	Permissible Basic FAR (@ 4.0 (including pure	chase + basic	+ metro)			53831.68
6b.	Permissible FAR (Green Buildin	ng @ 5 % of th	he FAR, 0.2)				2691.58
/.	Proposed FAR (@ 4.199)						56520.20
8.	Proposed Non FAR						22802.366
9.	Proposed 15% prescribed FAR						/943.57
10.	Proposed Total Built Up Area	<u> </u>					8/266.136
11.	Required Green Area (@ 50 % C	of Open Area)				4645.595
12.	Proposed Green Area (50.85 %	of Open Area	1)				4725.248
12.	Maximum height of the building	g (in mtrs)					106 m
13.	Permissible Dwelling unit						518
14.	Proposed Dwelling unit						508
4. I	Land use details:					~ ^	
Sr No	Particulars			Area (So	(m)	% of	Total Plot
01	Covered Area			4166.73		30.9	/
02	Road, Paved and Open Are	a		4565.94		33.9	2
03	Landscape Area			4725.25		35.1	1
I otal Lan	d Area			13457.92	2	100	%
5. N	Water calculation details:						
Total	Domestic Water Requirement			212.0 KLD			
ŀ	resh water			157.0 KLD			
H	Flushing water			50.0 KLD			
H	Horticulture / Landscape				5.0 KLD		
Waste W	ater Generated (@ 80% fresh wate	er + 100% flus	shing water)		177.0 KLD		
Sewage T	reatment Plant (STP) Capacity				220 KLD		
					(20% of ext)	ra cap	eacity as per MOEF &
CC Norms)							
	Vaste water details:		MANAGE				
SOURCE			MANAGE	MENI/N	IIIGAIIVE	VIEAS	UKES
A) DUK	ING CONSTRUCTION PHASE		701			1	
1. Source:	The site drainage is planned in such a way that there is						
2. Approx. Water Demand: 70 KL			no accumulation of wastewater within the project premises or in				
5. waste	water Generation: 10 KLD	the vicinity of the site.					
2.				struction	ahorers	5 10 00	provided
B) DITP	ING OPERATION PHASE		101 001				
	Source: Municipal Water Supply 1 STP of 220 KLD is proposed to treat wastewater						
r I	Total Water Demand – 212 KI D		2 Treated	sewage to	be used for	Hortic	ulture DG cooling $\&$
Domestic water = -157 KLD			2. Treated sewage to be used for norticulture, DG cooling & flushing				
Horti	culture = 5.0 KLD		3. Use of Water efficient fixtures to conserve water.				
Wastewater Generation = 177 KLD							

7. Pa	rking details:					
AREA				PARKING DETAILS		
UP	PER BASEMENT			=	285	ECS
LO	WER BASEMENT			=	285	ECS
ST	ILT PARKING			=	58	ECS
ME	ECHANICAL PARKING	IN UPPER BASEMENT	1	=	57	ECS
ME	ECHANICAL PARKING	IN LOWER BASEMEN	Г	=	57	ECS
PR	OPOSED TOTAL NO	O.OF PARKING SPAC	CE(ECS) FOR	=	742	ECS
GR	OUP HOUSING					
8. Sol	lid waste generation de	etails:				
Solid Waste	Generation Calculation					
S.No.	Particulars	Waste generation	Population (sqm)	Area (sqm)) \	Waste
		Norms per unit			0	Generated
		(kg/capita/day)			ŀ	Kg/Day
1	Residential	0.5	2286		1	143
3	*Community Centre	0.1	165	1051.16	1	6.5
5	*Commercial	0.1	55	472.48	5	5.5
Total Munic	cipal Waste				1	165
* Solid Wa	ste Generation has been	calculated as per as per N	BC 2016			
Horticulture	Waste Generation Calcu	lation				
S.No.	Particulars	Waste generation		Area (sqm)) \	Waste
		Norms per unit (Kg/sq			(Generated
		m/day)			ŀ	Kg/Day
1	Horticulture Waste	0.0037		4725.248	1	.8
* Horticult	ure Waste Generation ha	s been calculated as per as	per NBC 2016			
Electronic V	Vaste Generation Calcula	tion				
S.No.	Particulars	Waste generation	Population			Waste
		Norms per unit			(Jenerated
		(Kg/capita/year)	2506		ł	Kg/Day
	E- Waste	0.15	2506]	.03
* E- Waste	Generation has been cal	culated as per E waste mai	nagement rules 2016			

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

RESOLUTION AGAINST AGENDA NO-02

The committee discussed the matter and directed the project proponent to submit following information:

- 1. Project proponent should provide additional wide entry and exit gate.
- 2. Capacity of STP should be increased from 200 KLD to 220 KLD.
- 3. Provision for disinfectant chemicals in STP.
- 4. Swimming pool, Community hall/club for old age persons should also be provided in EWS section.
- 5. Site photographs with date, time and co-ordinates.
- 6. Quantification of solid waste should be mentioned in the flow chart of the presentation.
- 7. Slide no. 13 is to be modified.

3. <u>Group Housing at Plot No.-GH-09, Sport City, Techzone -IV, Greater Noida., Shri SagarBatra, M/s Sai NamoNamah Construction Pvt. Ltd. File No. 6121/Proposal No. SIA/UP/MIS/192086/2021</u>

RESOLUTION AGAINST AGENDA NO-03

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

4. <u>Construction of Group Housing Project at Pocket-1, Land Developer and GrahthanYojna</u> (Ajantapuram), Loni Road, Ghaziabad, U.P., Shri Devendra Bhandari, M/s Shri Rama Krishna Sehkari Awas Samiti Ltd. File No. 6125/Proposal No. SIA/UP/MIS/192680/2021

A presentation was made by project proponent along with their consultant M/s Environmental and Technical Research Centre. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The Environment clearance is sought for Construction of Group Housing Project at Pocket-1, Land Developer and GrahthanYojna (Ajantapuram), Loni Road, Ghaziabad, U.P., Shri Devendra Bhandari, M/s Shri Rama Krishna Sehkari Awas Samiti Ltd.

Name and Location of the Project	Construction of Proposed Project at Pocket-1 Land Development & Grahthan Voina (Ajantapuram) Loni Road District Ghaziabad (U.P.)
Developers of the project	M/s Shri Rama Krishna Samiti Limited
Total Plot Area	38,955.87 m ² . (3.8955 Ha)
Built-up Area	72,532.17 sq. m
Fresh Water Requirement	149 KLD
Power Requirement	2380 KVA
Power Backup	2 nos. of DG sets of capacity 1250 KVA
Total Parking Proposed	Scooter Parking Area : 540 sqm (270 Scooter for residential area).
	ECS provided : 363 ECS (for commercial area)
Solid Waste to be Generated	Municipal Waste : 1185 Kg/day
	Horticulture Waste : 11 kg /Day
Total Project Cost	INR 104 Crores
Solar Lights	Basement lighting will be done through solar lighting system.

2. Salient features of the project:

3. Area details of the project:

S. No.	Particulars	Area (in sq.m)
1.	Total Plot Area	38,955.87
2.	Permissible Ground Coverage (50 % of the plot area)	19,477.93
3.	Proposed Ground Coverage (45.82 % of the plot area)	17853.33
4.	Open Area	21102.54
5.	Proposed Ground Coverage Breakup : -	17853.33
	• Commercial (Pocket – 1)	9526.55
	Commercial / Residential Area	927.44
	Electric Substation & guard room	50.00
	Kiosk Area	37.50
	Plotted Area	7311.84
6.	Permissible Basic FAR	136345.54

7.	Proposed total FA	\R					517	03.37
	Commercial Area (FAR)				209	35.25		
	Resident	tial Area (FAR)	, ,				307	68.12
8.	Proposed Non FA	R					156	58.80
9.	5 % Prescribed F	AR					258	5.0
10.	5 % Service FAR	<u> </u>					258	5.0
11.	Proposed Total B	uilt Up Area					72.	532.17
12.	Required Green A	Area and open ar	ea (@ 50%	6 of Plot	Area)		194	77.935
13.	Proposed Green	Area and open a	rea (59.14 9	% of Plot	t Area)		194	78.00
14.	Maximum height	of the building ((in mts)				45.	0
15.	Proposed Dwellir	ng unit	()				456	
4 Wa	ter calculation of	letails [.]						
Domest	ic Water Requirer	nent				216 KI	D	
• Fre	sh water	nent				149 KI	D	
• Flu	shing water					64 KU		
• Fiu	sinng water					04 KLI)	
Hot	rticulture / Landsc	cape				3 KLD	D	
waste wate $(@ 80\% of$	r Generated total water deman	ud)				170 KL	D	
STP Capacit	V					200 KI	D	
	5					(Approx	x 20 % of extra	capacity as per
						MOEF	Norms)	
5. Wa	ste water details	3:				•		
SOURCE				MANA	AGEMENT	/ MITIGATI	VE MEASURES	
A) DURIN	G CONSTRUCT	ION PHASE						
1. Source: T	reated water from	STP		The si	te drainage	is planned i	n such a way	that there is no
2. Approx. V	Vater Demand: 75	5 KL		accum	ulation of v	wastewater w	ithin the projec	premises or in
3. Wastewat	er Generation: 12	2 KLD		the vici	inity of the	site.		
				2. Mo	bile type su	labh shaucha	layas to be provi	ded
				for	r constructio	on laborers.		
B) DURIN	G OPERATION I	PHASE						
Sou	rce: Water S	upply from	Ghaziabad	1. STP	of 200 KLI	D is proposed	to treat wastew	ater.
Developmen	t Authority.			2. Trea	ated sewage	e to be used	for Horticulture	, DG cooling &
Tot	al Water Demand	l = 216 KLD		flushin	lg.	~~ · · · ·		
Domest	ic water = 213 K	LD		3. Use	e of Water e	fficient fixture	es to conserve w	ater.
Horticul	ture = 3 KLL)						
Wa	stewater Generati	on = 1/0 KLD						
6. To	tal Parking prop	osed for the pro	oject is 363	BECS.				
7. Sol	id waste genera	tion details:						
MUNICIPA	L SOLID WAST	E GENERATIO	N				1	- <u></u>
S No.	Description	No. of	Population	n Are	ea	Population	Waste	Total Waste
		Dwelling	criteria res	sp.			generation	generated
		Units					Norms pe	ſ
							unit	17 / 1
				(Sq	η M)	(Persons)	(kg/capita	Kg/day
A Desiderti							/day)	
A-Residentia		270	5.0	002	26	1250	0.50	(75
1	Unit Unit	270	5.0	903	50	1550	0.50	0/3
UIIII Sub total(A)						1350		675
R- Commercial						075		
2 Commercial 4.1					935 25	5100	0.10	510
2 Commercial 4.1				202		5100	0.10	510
Sub - Total (A+B)						6450	1185	
* Solid Wa	ste Generation ha	s been calculate	d and consid	lered as 1	per NBC 20	16	1105	
Horticulture	Waste Generation	n Calculation			por rube 20			
inculture	masic Outriation							

S.No.	Particulars		Area (sqm)		Waste	Waste
					generation	Generated
					Norms per	Kg/Day
					unit (Kg/sq	
					m/day)	
1	Horticulture Waste		3076.84		0.0037	11
Electronic Waste Generation Calculation						
S.No.	Particulars			Population	Waste	Waste
					generation	Generated
					Norms per	
					unit	
1	E- Waste			6450	0.15	3
* E- Waste C	feneration has been calculated as	s per E waste M	anagement Rule	es 2016		

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

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and directed the project proponent to submit following information:

- 1. Project proponent should provide additional wide entry and exit gate.
- 2. Capacity of STP should be increased from 200 KLD to 220 KLD.
- 3. Provision for disinfectant chemicals in STP.
- 4. Swimming pool, Community hall/club for old age persons should also be provided in EWS section.
- 5. Site photographs with date, time and co-ordinates.
- 6. Quantification of solid waste should be mentioned in the flow chart of the presentation.
- 7. OWC is to be provided.
- 5. <u>Construction of Group Housing Project at Pocket-2, Land Developer and Grahthan Yojna</u> (Ajantapuram), Loni Road, Ghaziabad, U.P., Shri Devendra Bhandari, M/s Shri Rama Krishna Sehkari Awas Samiti Ltd. File No. 6126/Proposal No. SIA/UP/MIS/192527/2021

A presentation was made by project proponent along with their consultant M/s Environmental and Technical Research Centre. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The Environment clearance is sought for Construction of Group Housing Project at Pocket-2, Land Developer and Grahthan Yojna (Ajantapuram), Loni Road, Ghaziabad, U.P., M/s Shri Rama Krishna Sehkari Awas Samiti Ltd.

Name and Location of the Project	Construction of Proposed Project at Pocket-2 Land Development & Grahthan
	Yojna (Ajantapuram) Loni Road District Ghaziabad (U.P.)
Developers of the project	M/s Shri Rama Krishna Sehkari Awas Samiti Limited
Total Plot Area	7652.18 Sq. m. (1.89 Acres)
Built-up Area	28,750.89 sq. m
Fresh Water Requirement	254 KLD
Power Requirement	1298 KVA
Power Backup	1 nos. of DG sets of total capacity 1250 KVA
Total Parking Proposed	Parking Proposed –21 ECS
	For scooter parking 1500 sqm area provided in stilt and open
Solid Waste to be Generated	Approx. 1.924 Tons/day
	Horticulture Waste : 7.0 kg /Day
Total Project Cost	INR 44 Crores
Solar Lights	Provision of solar lights to common area and landscape area

2. Salient features of the project:

3. Area details of the project:

S. No.	Particulars	Area (in sq.m)
1.	Total Plot Area	7652.18
2.	Permissible Ground Coverage (50 % of the plot area)	3826.09
3.	Proposed Ground Coverage (28.732 % of the plot area)	2171.14
4.	Open Area	5481.04
5.	Proposed Ground Coverage	2171.14
	• EWS Area	1591.07
	 Nursury / Primary /Aganwadi Area 	530.07
	Electric substation & Guard Room	50.00
6.	Permissible Basic FAR	26782.63
7.	Proposed FAR	25652.89
8.	Proposed Non FAR	3098.00
9.	5 % service FAR	492.65
10.	Proposed Total Built Up Area	28750.89
11.	Required Green Area (@ 10 % of Plot Size)	765.2
12.	Proposed Green Area (23.97 % of Plot Size)	1834.74
12.	Maximum height of the building (in mtrs)	49 m
13.	Proposed Dwelling unit	750
4.	Water calculation details:	
	Domestic Water Requirement	342 KLD
•	Fresh water	254 KLD
•	Flushing water	86 KLD
•	Horticulture / Landscape	2 KLD
	Waste Water Generated	272 KLD
	(@ 80 % of total water demand)	
	STP Capacity	320 KLD
		(Approx. 20 % of extra
		capacity as per MOEF Norms)
5.	Waste water details:	

of thus to that of dotalls.	
SOURCE	MANAGEMENT / MITIGATIVE MEASURES
A) DURING CONSTRUCTION PHASE	
1. Source: Treated water from STP	1. The site drainage is planned in such a way that there is no
2. Approx. Water Demand: 70 KL	accumulation of wastewater within the project premises or in
3. Wastewater Generation: 8 KLD	the vicinity of the site.
	2. Mobile type sulabh shauchalayas to be provided
	for construction laborers.
B) DURING OPERATION PHASE	
Source: Ghaziabad Development Authority.	1. STP of 320 KLD is proposed to treat wastewater.
Total Water Demand = 342 KLD	2. Treated sewage to be used for Horticulture, DG cooling &
Domestic water $= 340$ KLD	flushing.
Horticulture = 2 KLD	3. Use of Water efficient fixtures to conserve water.
Wastewater Generation = 272 KLD	

6. Total Parking proposed for the project is 363 ECS.7. Solid waste generation details:

77 Bolla Music Scheration
MUNICIPAL SOLID WASTE

1010101	CHTHE SOLID	11010					
S No.	Description	No. of	Population	Area	Population	Waste generation	Total Waste
		Dwelling	criteria resp.			Norms per unit	generated
		Units					
				(Sq M)	(Persons)	(kg/capita /day)	Kg/day
A-Resi	dential						
1	EWS	750	5.0	23504	3750	0.50	1875
	Sub-total(A)				3750		1875
B- Sch	ool						
2	SCHOOL		4.1	1999	490	0.10	49
	Sub -Total(B)				490	0.10	49

16	Sub - Total (A+B)	4240	1924						
* Soli	* Solid Waste Generation has been calculated and considered as per NBC 2016								
Horticulture Waste Generation Calculation									
S.No.	Particulars		Area		Waste	generation	Waste	Generated	
			(sqm)		Norms	per unit	Kg/Day		
					(Kg/sq m	/day)			
1	Horticulture Waste		1834.74		0.0037		7		
* Horticulture Waste Generation has been calculated as per MSW Rule 2016									
Electronic Waste Generation Calculation									
S.No.	Particulars			Population	Waste	generation	Waste G	enerated	
					Norms pe	er unit			
1	E- Waste			4240	0.15		2		
* E- Waste Generation has been calculated as per MSW Rule 2016									

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

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter and directed the project proponent to submit following information:

- 1. Project proponent should provide additional wide entry and exit gate.
- 2. Capacity of STP should be increased from 200 KLD to 220 KLD.
- 3. Provision for disinfectant chemicals in STP.
- 4. Swimming pool, Community hall/club for old age persons should also be provided in EWS section.
- 5. Site photographs with date, time and co-ordinates.
- 6. Quantification of solid waste should be mentioned in the flow chart of the presentation.
- 7. OWC should be provided.
- 8. EMP should be revised.
- 9. Baseline data should be provided.
- 10. Details of soft green area should be provided.

6. <u>Hon'ble High Court, Allahabad (Development of Multtilevel Parking & Advocates Chamber)</u> <u>at Prayagraj, U.P. Shri Chotey Lal Kanaujia, Joint Registrar, Infrastructure-High Court,</u> <u>Allahabad. File No. 6132/Proposal No. SIA/UP/MIS/59921/2021</u>

RESOLUTION AGAINST AGENDA NO-06

The committee noted that the standard terms of reference has already been issued through online parivesh portal on 08/02/2021. Hence, no action is required in the matter.

7. <u>Expansion in Production Capacity from 100 TPD to 500 TPD of Cement Grinding Unit at</u> <u>Plot No.-D-15, Ramnagar Industrial Area, Tehsil- BilariDih, Chandauli, Shri Pankaj Kumar</u> <u>Singh, M/s Alaknanda Cement Pvt. Ltd. File No. 6133/Proposal No. SIA/UP/MIS/60022/2021</u>

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

1. The Environment clearance is sought for Expansion in Production Capacity from 100 TPD to 500 TPD of Cement Grinding Unit at Plot No.-D-15, Ramnagar Industrial Area, Tehsil- BilariDih, Chandauli, Shri Pankaj Kumar Singh, M/s Alaknanda Cement Pvt. Ltd.

On-line Proposal No.	SIA/UP/IND/60022/2021		
File No. allotted by SEIAA, UP	6133		
Name of Proponent	M/s Alaknanda Cement Pvt. Ltd.		
	Prop. Shri Pankaj Kumar Singh		
Full correspondence address of proponent	R/o- 13-A, Gilat Bazar,		
	Raj Rajeshwari Nagar Colony,		
	District Varanasi, State Uttar Pradesh (221001)		
Name of Project	Expansion In Production Capacity		
	100 TPD To 500 TPD		
	Cement Grinding Unit of M/s Alaknanda Cement Pvt. Ltd.		
Project location (Plot/Khasra/Gata No.)	Plot No. D-15, Ramnagar Industrial Area,		
	Tehsil: Bilari Dih, District: Chandauli, State: Uttar Pradesh, Pin- 221110		
Sanctioned Lease Area (in Ha)	4,182 sq. mt.		
Schedule (as per EIA notification 2006)	3(b)		
Category of Project	B(1)		
Proposed Production	1,50,000 TPA		
Per day Production	500 TPD		
Total Proposed Project Cost	1688 Lakhs		
Proposed CER cost	33.76 Lakhs (2% of the total Project Cost)		
Proposed EMP cost	20.0 Lakhs (Haulage Road repair, Dust Suppression, Plantation,		
	Plantation Care & Environmental Monitoring)		
Length and breadth of Haul Road	Approach Road Length 500 m & Width 7 m		
Power Requirement & Source	Proposed :600 kVA		
	Source: Supplied by UPRVVNL		
Water Requirement	129 KLD		
Man power requirement	200		
3. Land use details:	· ·		

2. Salient features of the project:

 Land use details.
 Area (m²)

 Image: Land Vse
 Area (m²)

 Total Land/ Plot Area
 4182 m²

 Total Constructed Area
 2700 m²

 Internal Road
 721 m²

 Total Green Area
 761 m²

4. Raw material details: S. No Material Requirement per Annum - Million Ton/Annum Source Transportation 100% OPC 100% 100% per Mode Max PSC PPC Annum Clinker - OPC 1.425 1.425 J.K. Laxmi Road 1 -----Clinker - PPC 0.9 Cement, Rajasthan -----& Chhatishgarh Clinker - PSC -----0.825 K.J.S. Cement Limited Satna M.P. Prism Cement,

								Satna	a M.P.			
2	Gypsum		0.075	0.075	5	0.075	0.075	Raja Marl	sthan & Open ket	Road		
3	Fly Ash			0.525	;		0.525	Hind	alco and	Road		
								NTP	C Renukoot			
4	Slag					0.60	0.60	Near	by Steel	Road		
								plant	S			
5.	Water rec	quireme	nt details:									
S. No.		Particul	ars						Water Consu	umption, (KLD)		
А.		Domest	c						12.0			
В.		Industri	al									
1.		Cooling	Tower	Tower					100			
2.		Dust Su	ppression						10			
		Total In	dustrial						122.0			
С.		Others							7.0			
		Total Fr	esh Water						129 KLD			
6.	Waste wa	ater deta	uls:		-							
S.N.	Particula	urs	Fresh	Water	Total water		Effluent	R	ecycled	Remarks		
		Consumption	on	requirement		generation	w	ater (KLD)				
	(KLD)			(KLD)		(KLD)						
А.	Domesti	с	12.0		12.0		9.6	7.	68	Recycled water		
										will be used for		
D	T 1 4	1								greenbelt		
B.	Industrial 100.0			100					CA VI D			
1.	1. Cooling Tower		100.0		100		-	40	5.0 Blow	54 KLD		
								do	own	evaporation loss,		
										blow down water		
										dust suppression		
										and Greenbelt		
2	Dust		10.0		46.0	(36.0 from	-			-		
2. Suppression		10.0		blow down $+ 10$								
	suppress	1011			KLD	fresh						
					water	·)						
Total Industrial 122		122.0		158.0		-	-		-			
C.	Gardenii	1g	7.0		17.68	3 (10 from	-	-		-		
		0			blow	down +						
					7.68	kld from						
					STP)							
	Total (A	+B+C)	129		175.6	58	-	53	3.68	-		

7. The project proposal falls under category 3 (b) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-07

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

- 1) Wind rose diagram, location of monitoring station and period of monitoring should be provided.
- 2) Executive Summary.
- 3) Introduction:
 - i. Details of the EIA Consultant including NABET accreditation
 - ii. Information about the project proponent
 - iii. Importance and benefits of the project
- 4) Project Description
 - i. Cost of project and time of completion.
 - ii. Products with capacities for the proposed project.

- iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
- iv. List of raw materials required and their source along with mode of transportation.
- v. Other chemicals and materials required with quantities and storage capacities
- vi. Details of Emission, effluents, hazardous waste generation and their management.
- vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, manpower requirement (regular and contract)
- viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
- ix. Hazard identification and details of proposed safety systems.
- x. Expansion/modernization proposals:
 - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 06 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.
- 5) Site Details
 - i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
 - A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
 - iii. Details w.r.t. option analysis for selection of site
 - iv. Co-ordinates (lat-long) of all four corners of the site.
 - v. Google map-Earth downloaded of the project site.
 - vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
 - vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
 - viii. Landuse break-up of total land of the project site (identified and acquired), government/ private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
 - ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
 - x. Geological features and Geo-hydrological status of the study area shall be included.
 - xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the

project site and maximum Flood Level of the river shall also be provided. (mega green field projects)

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

- 8) Impact and Environment Management Plan
 - i. Assessment of ground level concentration of pollutants from the stack emission based on sitespecific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
 - ii. Water Quality modelling in case of discharge in water body
 - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor- cum-rail transport shall be examined.
 - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
 - v. Details of stack emission and action plan for control of emissions to meet standards.
 - vi. Measures for fugitive emission control
 - vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
 - viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
 - ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
 - x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
 - xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
 - xii. Action plan for post-project environmental monitoring shall be submitted.
 - xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.
- 9) Occupational health:
 - i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
 - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
 - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be

preserved,

- iv. Annual report of heath status of workers with special reference to Occupational Health and Safety.
- 10) Corporate Environment Policy:
 - i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
 - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
 - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
 - iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
- 11) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 12) Corporate Environmental Responsibility (CER):
 - i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
 - Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
 - iii. A tabular chart with index for point wise compliance of above TOR.
- 13) Limestone and coal linkage documents along with the status of environmental clearance of limestone and coal mines
- 14) Quantum of production of coal and limestone from coal & limestone mines and the projects they cater to;
- 15) For large Cement Units, a 3-D view i.e. DEM (Digital Elevation Model) for the area in 10 km radius from the proposal site.
- 16) Present land use shall be prepared based on satellite imagery. High-resolution satellite image data having 1m-5m spatial resolution like quick bird, Ikonos, IRS P-6 pan sharpened etc. for the 10 Km radius area from proposed site. The same shall be used for land used/land-cover mapping of the area.
- 17) If the raw materials used have trace elements, an environment management plan shall also be included.
- 18) Plan for the implementation of the recommendations made for the cement plants in the CREP guidelines must be prepared.
- 19) Energy consumption per ton of clinker and cement grinding
- 20) Provision of waste heat recovery boiler
- 21) Arrangement for use of hazardous waste

8. Jaypee International Sports, Sector-25, along Yamuna Expressway in YEIDA., Shri Ajit Kumar, M/s Jaiprakash Associates Ltd. File No. 6147/Proposal No. SIA/UP/MIS/60406/2021

RESOLUTION AGAINST AGENDA NO-08

The committee noted that the standard terms of reference has already been issued through online parivesh portal on 08/02/2021. Hence, no action is required in the matter.

9. <u>Group Housing Project ''Grand Forte Apartments'' at Plot NO.- 76, Sigma-IV, Greater Noida, U.P., Shri Vishnu Lalwani, M/s Satilila Sahkari Awas Samiti. File No. 6155/Proposal No. SIA/UP/MIS/60508/2021</u>

The project proponent informed that they have applied to MoEF&CC, Govt. of India for the grant terms of reference (TOR) vide proposal no. IA/UP/NCP/65886/2017 on 03/07/2017 under violation category due to 100% construction work has already been done without getting prior environmental clearance. The MoEF&CC, Govt. of India vide email dated 06/01/2021informed that the above TOR proposal has already transferred to SEIAA, U.P. in year 2018.

The project proponent vide letter dated 05/01/2021 requested to list the above project proposal in upcoming SEAC meeting for the grant of terms of reference. The matter was discussed by the SEAC in its meeting dated 15/01/2021 in light of MoEF&CC, Govt. of India email dated 06/01/2021 and request letter of the project proponent dated 05/01/2021 and directed the project proponent to apply again through online portal so that the case may be taken as violation case as per MoEF&CC Notification no. S.O. 1030(E), dated 08/03/2018.

The project proponent online apply the above project proposal for the grant of terms of terms of reference on 04/02/2021 under violation category and the matter was listed in 526th SEAC meeting dated 23/02/2021. A presentation was made by project proponent along with their consultant M/s Sawen Consultancy Services Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The terms of reference is sought for Group Housing Project "Grand Forte Apartments" at Plot No.- 76, Sigma-IV, Greater Noida, U.P., M/s Satilila Sahkari Awas Samiti.

Water I	Demand and Source	55 KLD	55 KLD				
Waste V	Water	60 KLD	60 KLD				
STP Ca	pacity	75KLD	75KLD				
Power I	Demand	280 kVA	280 kVA				
Backup	Power	DG sets of total capacity of 250kV	A (1*250)				
Solid W	Vaste Generation and Management	400kg/day	400kg/day				
Rain W	ater Harvesting	03 nos. of RWH of 36 cum capacit	03 nos. of RWH of 36 cum capacity each pit				
Green E	Belt and Horticultural development	9562.2209 sq.m.	9562.2209 sq.m.				
Parking	Facilities	427 ECS 307 for two wheelers					
3.	Area details of the project:						
S. No	Particular	Area (Meter sq.)	Percentage				
1	Total Plot Area	26560.56					
2	Permissible Ground Coverage	10624.224	40% of total Plot area				
3	Achieved Ground Coverage	9122.142	34.34% of plot area				
4	Permissible FAR	39840.84	150 % Plot Area				
5 Purchasable FAR		3187.2672	12% of Plot area				
6 Total Permissible FAR		43028.1072	162 % of Plot area				
7 Achieved FAR		41732.32	157 % of Plot Area				
8 Non FAR Area (Basement)		1238.432	4.7 % of plot area				
9	Facility Area	1315	4.5 % of plot area				
10	Built-up Area	44285.75					
11	Open Area	17438.4	65.65 % of plot area				
12	Landscape Area	Green area - 9562.2	36.00 % of open area				
		Soft green - 4781.1	No of trees required :175				
		Hard green - 4781.1	Trees				
		No of trees – 195nos					
13	Height of the highest Tower	12.58 m					
14 Proposed Units		180nos					

2. Salient features of the project:

4. The project proposal fall under category 8(a) of EIA Notification, 2006 (as amended) and MoEFCC, Notification dated 08/03/2018.

RESOLUTION AGAINST AGENDA NO-09

The committee discussed the matter in light of MoEF&CC Notification dated 08/03/2018 (Violation) and recommended to issue the terms of reference (TOR) for the preparation of EIA for the project:

- 1. The committee prescribed specific terms of reference for the project on the assessment of ecological damage, remediation plan and natural and the community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment as per MoEF Notification dated 08/03/2018.
- 2. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The Quantum shall be recommended by the SEAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority.
- 3. Status report regarding construction/development work already taken up.
- 4. All registry documents, Approved layout plan by the competent authority and all building plans.
- 5. All services plan is to be submitted like sewerage, drainage, external electrification, rain water harvesting, landscape plan with list of trees, water supply, OHT for firefighting etc.
- 6. Details of land use with area and percentage.
- 7. Discharge point of Sewerage and drainage.
- 8. Plan for use of reflecting paints on roof top and all side walls.
- 9. Provide Geo- coordinates of the project site.
- 10. Analyze the surface water quality including chemical and Biological parameters.
- 11. Ambient air monitoring to be carried out.
- 12. Project description, its importance and the benefits,
- 13. Project site details (location, top sheet of the study area of 10 km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage)
- 14. Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board, etc.
- 15. Land acquisition status, R & R details.
- 16. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection)Act, 1972 and/or the Environment(Protection) Act, 1986,
- 17. Baseline environmental study for ambient air(PM₁₀, PM_{2.5}, SO₂, NO_x & CO), water(both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/ CPCB guidelines at minimum 5 location in the study area of 10 km,
- 18. Details on flora and fauna and socio-economic aspects in the study area
- 19. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land flora and fauna and socio-economic, etc.)
- 20. Source of water different identified purposes with the permissions required from the concerned authorities both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc,
- 21. Waste water management (treatment, reuse and disposal) for the project and also the study area,

- 22. Management of solid Waste and the construction & demolition waste for the project vis-a-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016
- 23. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project,
- 24. Assessment of ecological damage with respect to air, water land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- 25. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- 26. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- 27. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
- 28. Allotment letter from concerned development authority.
- 29. All approved drawings/maps alongwith approved services plans.
- 30. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
- 31. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
- 32. Physical features within 30 m of the project sites with their ownership.
- 33. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
- 34. Use of reflecting paints on roof top and side walls.
- 35. Details of rain water harvesting are to be given.
- 36. Provision of 100% solar lighting along the road site, stair cases, common places.
- 37. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
- 38. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and utilization of rainwater.
- 39. Water requirement and its management plan along with necessary permissions for discharge.
- 40. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
- 41. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
- 42. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
- 43. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
- 44. Landscape plan, green belts and open spaces may be described separately.
- 45. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
- 46. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out Page 17 of 24

should be shown.

- 47. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
- 48. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
- 49. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
- 50. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
- 51. Identification of recyclable wastes and waste utilization arrangements may be made.
- 52. Explore possibility of generating biogas from biodegradable wastes.
- 53. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
- 54. Provisions made for safety in storage of materials, products and wastes may be described.
- 55. Disaster management plan should be prepared.
- 56. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
- 57. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
- 58. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
- 59. Provide service road for entry and exit to project site.
- 60. Use of local building materials should be described.
- 61. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
- 62. Work out MGLC for the combined capacity of DG sets.
- 63. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
- 64. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
- 65. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
- 66. Corporate Environmental Responsibility (CER) plan along with budgetary provision amounting to 2% of project cost shall be prepared and approved by Board of Directors of the company.
- 67. Required no of trees should be proposed @ 01 tree/80 m², submit plan.
- 68. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.
- 69. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green area Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
- 70. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

10. <u>FWS Logistic Park at Gata No.- 847 and 848, Village- Sikandrabad Dehat, Tehsil-Sikandrabad, Bulandshahar., M/s VRY Logistic Park LLP. File No. 4436/Proposal No. SIA/UP/MIS/191406/2021</u>

The committee noted that the environmental clearance for the "FWS Logistic Park at Gata No.- 847 and 848, Village- Sikandrabad Dehat, Tehsil-Sikandrabad, Bulandshahar, U.P., M/s VRY Logistic Park LLP" was issued by SEIAA, U.P. vide letter no. 646/Parya/SEAC/4436/2018 dated 23/01/2019 for plot area 79,476.63 m² & built-up area 38,961.16 m².

The project proponent vide letter dated 06/01/2021 informed that during the filing of application gata no. 836 & 838 were mistakenly missed in the form and gata no. 836 & 838 has already been included in total plot area 79,476.63 m² for which environmental clearance earlier issued by SEIAA, U.P. vide letter no. 646/Parya/SEAC/4436/2018 dated 23/01/2019. The project proponent submit the shijra map showing all the gata numbers and building layout plan. The project proponent requested to include the gata no. 836 & 838 in environmental clearance letter dated 23/01/2019.

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

1. Details of earlier proposal and proposed amendment in E.C letter dated 23/01/2019:

Details mentioned in EC	Proposed amendment in EC				
FWS Logistic Park at Gata No 847 and 848,	FWS Logistic Park at Gata No 836, 838, 847 and				
Village- Sikandrabad Dehat, Tehsil-Sikandrabad,	848, Village- Sikandrabad Dehat, Tehsil-				
Bulandshahar., M/s VRY Logistic Park LLP.	Sikandrabad, Bulandshahar, U.P., M/s VRY Logistic				
	Park LLP.				

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter and recommended to amend the environmental clearance letter no. 646/Parya/SEAC/4436/2018 dated 23/01/2019 as per above project details. The committee also directed the project proponent that all the contents mentioned in Environmental Clearance letter no. 646/Parya/SEAC/4436/2018 dated 23/01/2019 shall remain same.

11. <u>Sand Mining from Ghaghara Riverbed at Gata No.-391ka/67, Village-Mahuapar Khurd,</u> <u>Tehsil- & Disst.- Basti., M/s Syed Sahil Ali., Area -10 Ha. File No. 3914/Proposal No.</u> <u>SIA/UP/MIN/ 71631/2017</u>

The committee noted that the matter was earlier discussed in 427th SEIAA meeting dated 17/12/2020 and directed as follows:

"SEIAA gone through the letter of Raghvendra Pal dated 15.09.2020regardingwrong methodology adopted for the preparation of DSR, Basti and hence requested for cancellation of the EC of the above area. SEIAA opined that the above letter shall be send to SEAC for review/comments. SEIAA also opined to refer the matter to DM Basti for necessary action and to intimate to SEIAA."

RESOLUTION AGAINST AGENDA NO-11

As per the direction of SEIAA, the matter was listed in 526th SEAC meeting dated 23/02/2021. The committee discussed the complaint letter dated 13/10/2020 of Shri Raghvendra Pal and opined that the complaint has to be disposed at the level of District Magistrate, Basti and DGM, U.P. No action is required at the level of SEAC.

(Dr. Virendra Misra) Member

(Dr. Pramod Kumar Mishra) Member (Dr. Ranjeet Kumar Dalela) Member

(Shri Meraj Uddin) Member (Dr. Ajoy Mandal) Member (Shri Rajiv Kumar) Member

(Dr. Sarita Sinha) Member (Dr. (Prof.) S. N. Singh) Chairman

Annexure-1

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

A. General Conditions:

- 1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
- 2. Forest clearance shall be taken by the proponent as necessary under law.
- 3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization and scope of working shall again required prior environmental clearance as per EIA notification, 2006.
- 4. No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
- 5. Mining will be carried out as per the approved mining plan. In case of any violation of mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
- 6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly up loaded on the company's website and also displayed at website.
- 7. Data on ambient air quality (RPM, SPM, SO_2 , NO_x) should be regularly submitted to the Regional office, MoEF, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
- 8. Ambient air quality at the boundary of the mine premises shall confirm to the norms prescribed in MoEF notification no. GSR/826(E) dt. 16.11.09.
- 9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
- 10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health records of the workers shall be maintained.
- 11. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
- 12. Personnel working in areas shall be provided with protective respiratory devices like mask and they shall also be imparted adequate training and information on safety and health aspects.
- 13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
- 14. The transportation of the materials shall be limited to day hours time only.
- 15. Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- 16. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 17. The Project Proponent shall inform to the Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- 18. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board

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

B. Specific Conditions:

- 1. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
- 2. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
- 3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05ha, the E.C issued will stand revoked.
- 4. This environmental clearance shall be subject to valid lease in favour of project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
- 5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan.
- 6. Explosive cannot be stored on the site.
- 7. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.
- 8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
- 9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.
- 10. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
- 11. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
- 12. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programmebesides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknowevery year.
- 13. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoE&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for prevention of blasting associated impact on nearby houses and agricultural fields.

- 14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
- 15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
- 16. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
- 17. Rain water harvesting shall be undertaken to recharge the ground water source.
- 18. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
- 19. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- 20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
- 21. Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the ML area and silts arrested. De- silting at regular intervals shall be carried out.
- 22. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de- silted at regular intervals.
- 23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.
- 24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
- 25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
- 26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
- 27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
- 28. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.

- 29. The project proponent will ensure for providing employment to local people as per requirement, necessary protection measures around the mine pit and waste dump and garland drain around the mine pit and waste dump.
- 30. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
- 31. Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.
- 32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
- 33. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
- 34. Permission for abstraction of ground water shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority and Regional Director, Central Ground Water Board.
- 35. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, Central Pollution Control Board and the State Pollution Control Board.
- 36. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.
- 37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.
- 38. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
- 39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Regional office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
- 40. Project Proponent shall explore the possibility of using solar energy where ever possible.
- 41. Commitment towards CER has to be followed strictly.
- 42. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
- 43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
- 44. The blasting will be done only after getting the permission from the Mining Department.