Minutes of 500th SEAC Meeting Dated 08/10/2020

The 500th meeting of SEAC was held through video in view of the Corona Virus Disease (Covid-19)on 08/10/2020. Following members were participating in the online meeting:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. VirendraMisra,	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 MerajUddin,	Member

The Chairman welcomed the members to the 500th SEAC meeting which was conducted online.
The SEAC unanimously took following decisions on the agenda points discussed:

1. Jaypee Greens, Sports City East Part I & II, Sector- 19 & 22 of yamuna Expressway Industrial Area, District-Gautam Buddha Nagar,U.P., Shri Ashok Khera, M/s Jaypee Infratech Limited, File No.- 5887/5528SIA/UP/MIS/57019/2020

RESOLUTION AGAINST AGENDA NO-1

The project proponent/consultant requested to defer the matter in next SEAC meeting. The committee discussed and directed to defer the matter as per request made by the project proponent. The matter will be discussed only after submission of online request on prescribed online portal

2. Expansion of Group Housing " Capital Atherna" at Plot No.- GH-12A-2, Sector 01, Greater Noida, District-Gautam Buddh Nagar,U.P., Shri Awadh Nath Tiwari, M/s Capital Infratechomes Pvt Ltd., File No.-5899/5647SIA/UP/MIS/57106/2020

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

1. The Environmental clearance is sought for Expansion of Group Housing Project "Capital Atherna" at Plot No.- GH-12A-2, Sector-01, Greater Noida, U.P., M/s Capital Infratech Homes Pvt. Ltd.
2. Environmental Clearance for the earlier proposal was issued by SEIAA, U.P 1551/Parya/SEAC/1516/2013/DD(D) dated 7th October, 2013.
3. The Terms of References for the Revision & Expansion project were issued on 18/08/2020.
4. Final EIA Report submitted by the Project Proponent on 30/09/2020.
5. Comparative details for existing and expansion:

S.	Particulars	Area as per EC	Expansion	Area after

No.		accorded (in m^2)	(in m^2)	Expansion (in m^2)
1.	Plot area	33,941.79	-	33,941.79
2.	Permissible ground Coverage (@30%) of Total plot area	11,879.63	-	10,182.54
3	Proposed Ground Coverage (@22.98%) of Total plot area	6,913.34	889.306	7,802.646
4.	Permissible FAR (@3.67)	93,339.923	31,396.155	1,24,736.078
5.	**Proposed FAR** • Towers • Commercial	**93,261.47**	**30,805.686**	**1,24,067.156** 1,22,879.195 11,87.961
6.	Permissible 15% For Facility of Total FAR	--	--	18,737.40
7.	**Achieved 15% for facility proposed area** • Towers • Community	**--**	--	**18,737.40** 17,616.521 1,120.879
9.	**Non-FAR Area**	**--**	**--**	**61,602.211**
11.	**Total Built up area (5+7+9)**	**1,62,110.39**	**42,296.377**	**2,04,406.767**
12.	Proposed Landscape Area (@47.05% of the plot area)	14,743.72	1,227.624	15,971.344
13.	Height of tallest building	77.65 m		81.9 m

6. Salient features of the project (after expansion):

PROJECT FEATURE	DETAILS
Type of Project	Group Housing Colony Project
Total Plot Area	33,941.79 m^2 (8.38 acre)
Built-Up Area	2,04,406.767 m^2
Population	6368 persons
Fresh Water Requirement	329 KLD; Source: GNIDA
Solid Waste	2693 kg/day
Electrical load	5835.67 kVA. ; Source: UPPCL
Power back-up	4 no. of DG sets of total 4040 kVA (4x1010 kVA)
No. of RWH pits	8
Parking Required: **Parking Proposed:**	1247 ECS (As per MoEFCC) 1725 ECS
Project Cost	INR 350 Crores

7. Population breakup details (After Expansion):

S. No.	Description	DU's	PPU	Total Population
1.	**Residential**			
	• Residents	1082	4.5	**4,869**
	• Staff	5% of residential population		**243**
	• Visitors	10% of residential population		**486**
2.	**Commercial**	1187.961 m^2	1 person/ 3 m^2	**396**
	• Staff	@10%		40

	• Visitors	@90%		356
3.	**Community**	1120.879 m^2	1 person/ 3 m^2	**374**
	• Staff	@10%		37
Total Population				**6,368**

8. Water Requirement details:

S. No.	**Description**	**Value as per earlier EC (KLD)**	**After Expansion (KLD)**
1	Total Water Requirement	503.25	494
2	Fresh Water Requirement	321	329
3	STP Capacity	500	600

9. Daily Water Demand Calculation (After Expansion)

S. No.	**Description**	**Occupancy**	**Rate of water demand (lpcd)**		**Total Water Requirement (KLD)**		
A.	**Domestic Water**		**Fresh**	**Flushing**	**Fresh**	**Flushing**	**Total**
	I) Residential						
	• Residents	4,869	65	21	316.48	102.24	**418.72**
	• Staff (Maintenance, Commercial, facilities)	320	25	20	8	6.4	**14.4**
	• Visitors	842	5	10	4.21	8.42	**12.63**
					328.69 say **329 KLD**	117.06 say **117 KLD**	445.75 say **446 KLD**
Total Domestic Water = 446 KLD							
B.	Horticulture	15,971.344 m^2	3 l/m^2				**48**
Grand Total (A+B) = 494 KLD							

10. Waste Water details (after expansion):

Domestic Water Requirement	**446 KLD**
• Fresh	329 KLD
• Flushing	117 KLD
Waste water generated [@80% fresh + 100% flushing]	263.2+117 = 380.2 say **380 KLD**
STP Capacity	**600 KL**

11. Solid waste generation details:

S. No.	**Description**	**Value as per earlier EC (Kg/day)**	**After Expansion (Kg/day)**
1	Solid Waste Generation	2,757.15	2,693

12. Calculation of Solid Waste Generation (After Expansion)

S. No.	Description	Occupancy	Waste Generated (kg/capita/day)	Waste Generated (kg/day)
1.	**Domestic Solid Waste**			
	• Residents	4,869	0.5	2,434.5
	• Staff (Maintenance, Commercial, facilities)	320	0.25	80
	• Visitors	842	0.15	126.3
2.	Horticultural Waste (3.94 acre)		@ 0.2 kg/acre/day	0.788
3.	STP Sludge		Sludge generated x 0 .35 x B.O.D difference/1000	51.87
Total Solid Waste Generation= 2,693.45 kg/day say 2693 kg/day				

13. Total Parking Proposed = 1725 ECS.
14. The project proposal falls under category 8 (b) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-02

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Revised proposed parking should be submitted
2. Due to unavoidable circumstance and covid-19 pandemic, the authority are unable to visit the site therefore, it is not possible to make available the latest certified compliance report. **In view of this the committee decided that the certified compliance report should be submitted within 06 months. Failing which EC will be deemed to be cancelled.**
3. Anti-smog gun should be used during construction/operation phase.
4. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and All the activities proposed by the PP or prescribed by the EAC/SEAC are required to be the part of EMP as per OM 22-65/2017-IA.III dated 30.09.2020. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
5. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
6. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
7. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
8. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
9. Permission from local authority should be taken regarding discharge of excess water into the sewer line.

10. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
11. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
12. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
13. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
14. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
15. 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.
16. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
17. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
18. 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.
19. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
20. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
21. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
22. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
23. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
24. No parking shall be allowed outside the project boundary.
25. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
26. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
27. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.

28. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
29. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
30. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
31. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
32. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
33. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
34. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
35. All the internal drains are to be covered till the disposal point.
36. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
37. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

3. Revision & Expansion of the Group Housing Project "Palm Olympia" at P[lot No.-GH-02, Sector-16 C, Greater Noida, District- Gautam Budha Nagar, U.P., Shri Sachin Garg, M/s Sam India Abhimanyu Housing, File No.- 5900/5771SIA/UP/MIS/57107/2020

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

1. The Environmental clearance is sought for Revision & Expansion of the Group Housing project "Palm Olympia" at Plot No-GH-02, Sec-16 C, Greater Noida, District-Gautam Budh Nagar, Uttar Pradesh by M/s Sam India Abhimanyu Housing.
2. Environmental Clearance for the earlier proposal was issued by SEIAA, U.P 1772/Parya/SEAC/1483/2013/DDY dated 11th November, 2014.
3. The standard Terms of References for the Revision & Expansion project were issued on 28/08/2020.
4. Final EIA Report submitted by the Project Proponent on 30/09/2020.
5. Comparative details for existing and After Revision & Expansion:

S. No.	Particulars	Area (As per EC Accorded) (m^2)	Area under Revision and Expansion (m^2)	Total Area (After Revision and Expansion) (m^2)

1.	**Total Plot Area**	**1,01,264.00 (25.0 acres)**	**-**	**1,01,264.00 (25.0 acres)**
2.	Total Permissible FAR	3,54,424.00 (@3.5)	-	3,54,424.00
3.	Permissible FAR for Residential	3,50,686.26 (@3.463)	-	-
4.	Total Residential proposed FAR	-		**3,60,755.45**
a).	Proposed Residential FAR	3,50,686.26 (@3.463)	+193.5	3,50,879.76
b).	FAR for Green Building (5% of permissible FAR)	-	+9,875.69	9,875.69
5.	Permissible FAR under Commercial (@ 1% of Permissible Residential FAR)	-	3,544.24	3,544.24
6.	Proposed FAR under Commercial (@ 1% of Permissible Residential FAR)	3,544.24	**-**	**3,544.24**
7.	Permissible Ground Coverage	40,505.60 (40%)	-	40,505.60
8.	Proposed Ground Coverage	23,646.12 (23.35%)	+3,986.31	27,632.43
9.	Area for Community center	-	+3,347.10	3,347.10
10.	Area for Club	-	+4,399.00	4,399.00
11.	Basement Area	1,00,614.43	+50,269.91	1,50,884.34
12.	Stilt Area	18,131.93	-10,069.37	8,062.56
13.	Permissible Ancillary area (15% of permissible FAR)	53,163.60	+3,099.96	-
14.	Proposed Ancillary area	38,545.37 (10.87%)	**+17,718.19**	**56,263.56**
15.	Non FAR Area	1,421.7	+45,976.7	47,398.4
16.	Nursing Home		+1250.00	1250.00
17.	Nursery School		+1250.00	1250.00
18.	**Built Up Area (4+6+9+10+11+12+14+15+16+17)**	**5,12,943.93**	**+1,24,210.72**	**6,37,154.65**
19.	Landscape	38,899.94 (38.4%)	-3349.03	35,550.91 (35.1%)
20.	No. of Units	-	-	3810
21.	No. of Floors	S+G+24	+9	S+G+33
22.	Maximum height of the building	-	-	130 m

5. Salient features of the project (After Revision & Expansion):

S. No.	DESCRIPTION	DETAILS
1.	Plot Area	1,01,264.00 m^2 (25.0 acres)
2.	Built-Up Area	EC Accorded BUA-5,12,943.93 m^2 After Revision & Expansion-6,37,154.65 m^2
3.	Population	19,940 Persons
4.	Total Water Requirement	1696 KLD
5.	Solid Waste	9241 kg/day

6.	Electricity load	11,350 kVA; Source: Noida Power Company Limited
7.	Power back-up	13 DG sets (3*1010 kVA 2*600 kVA + 8*500 kVA)
8.	Rain Water Harvesting Tanks	25 Pits
9.	Landscape Area	35,550.91 (35.1%)
10.	Parking Required Parking Proposed	4735 ECS 4760 ECS
11.	Project Cost	1284.22 Crores

6. Population breakup details:

S. No.	Particular	Population (As per EC Accorded)	Population (After Revision & Expansion)
1.	Population	15,958	19,940

7. Population Breakup (After Revision & Expansion)

S. No.	Unit Type	Unit	Nos./ Area (m^2)	PPU/ Person/m^2 FAR	Total Population
1.	Residential				
	• Main Dwelling Units	3810		4.5	17,145
	• Visitors	10% of the total population			1715
	• Staff	5% of the total population			857
2.	Community Center		3347.10	3 m^2/person	
	• Staff				56
3.	Club		4399.00	3 m^2/person	
	• Staff				8
4.	Commercial		3544.24	3 m^2/person	
	• Staff				118
5.	Nursing Home	10			
	• Patient				10
	• Staff				5
	• Attendant				10
6.	Nursery School		1250	4 m^2/person	
	• Staff				16
	Total				**19,940**

8. Water Requirement details:

S. No.	Particulars	As per EC Accorded	After Revision and Expansion)
1.	Total Water Requirement	1469 KLD	1696 KLD
2.	Total Domestic Water Requirement	1391 KLD	1552 KLD
3.	Total Fresh Water Requirement	974 KLD	1155 KLD
4.	Flushing water	417 KLD	399 KLD
5.	Total Waste Water Generation	1196 KLD	1321 KLD
6.	Total STP Capacity	1440 KL	1590 KL

9. Daily Water Demand Calculation (After Revision & Expansion)

S. No.	Description	Occupancy	Rate of water demand (lpcd)		Total Water Requirement (KLD)		
A.	**Domestic Water**		**Fresh**	**Flushing**	**Fresh**	**Flushing**	**Total**

	Residents	17145	65	21	1114	360	**1474**
	Staff (Residential, Commercial, Club, Community Center, Nursing Home, Nursery School, facilities)	1060	25	20	27	21	**48**
	• Visitors	1715	5	10	9	17	**26**
	• Patients	10	230	110	2	1	**3**
	• Attendants	10	65	21	0.7	0.2	**1**
					1152.7	399.2	**1552**
Total Domestic Water = 1552 KLD							
B.	Horticulture	**35,550.91** m^2	4 l/m^2				142
C.	Make up water for Swimming Pool						2
Grand Total (A+B+C)= 1696 KLD							

10. Waste Water details (After Revision & Expansion):

Domestic Water Requirement	**1552 KLD**
• Fresh	1153 KLD
• Flushing	399 KLD
• Fresh for Swimming pool	2 KLD
Waste water generated [@80% fresh + 100% flushing]	922 + 399 = 1321 KLD
STP Capacity	1590 KL

11. Solid waste generation details:

Description	**As per EC accorded**	**After Revision & Expansion**
Solid Waste Generation	8,364 kg/day	9,241 kg/day

12. Calculation of Solid Waste Generation (After Revision & Expansion)

S. No.	**Description**	**Occupancy**	**Waste Generated (kg/capita/day)**	**Waste Generated (kg/day)**
1.	**Domestic Solid Waste**			
	• Residents + Patients + attendants	17165	0.50	8583
	• Staff	1060	0.25	265
	• Visitors	1715	0.15	257
2.	Horticultural Waste (8.79 acre)		@ 0.2 kg/acre/day	2
3.	STP Sludge		Sludge generated x 0 .35 x B.O.D difference/1000	134
Total Solid Waste Generation= 9,241 kg/day				

13. Total Parking Proposed = 4760 ECS.
14. The project proposal falls under category 8 (b) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-03

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

1. Revised proposed parking should be submitted.
2. Certified compliance report should be submitted.
3. Anti-smog gun should be used during construction/operation phase.
4. Permission for use of CSTP should be obtained.
5. Amount of waste including Solid waste and biological waste should be separated.
6. The case is sub-judice. Clarification along with court order should be provided.

4. Revision & Expansion of Integrated Township "Golf Links" at Village- Mehrauli, Paragna- Dasna, Tehsil & District- Ghaziabad, U.P., Shri Nirmesh Kumar Agarwal, M/s Landcraft Developers (P) Ltd., File No.- 5901/5830SIA/UP/MIS/57121/2020

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

1. The Environmental clearance is sought for Revision & Expansion of Integrated Township "Golf Link" located at Village- Mehrauli, Ghaziabad, Uttar Pradesh by M/s LandCraft Developers (P) Ltd.
2. Environmental Clearance for the earlier proposal was issued by SEIAA, U.P 1809/Parya/SEAC/1734/2013/JDCA(S) dated 12/10/2013.
3. The standard Terms of References for the Revision & Expansion project were issued on 25/09/2020.
4. Final EIA Report submitted by the Project Proponent on 30/09/2020.
5. Comparative details for existing and after Revision & Expansion:

Sr. No.	Particulars	(As per EC Accorded) (m^2)	Area under Revision and Expansion (m^2)	Total area (After Revision and Expansion) (m^2)
1	Plot Area	3,70,894.4 (91.6 acres)	-	3,70,894.4 (91.6 acres)
2	Area under LMC/Govt. land	18,210.80	-	18,210.8
3	Area under other's land	94,696.44	-	69,421.268
4	Area under roads	76,295.97		76,295.97
5	**Residential area**			**1,96,225.1**
	Area under residential plots	75,000.00	-	75,000.00
	Area under Group housing (Pocket P1)	74,763.97	-	74,763.97
	Area under EWS/LIG plots	9,721.70	+3,453.3	13,175.00
	Area under villas (Pocket-P3)	32,286.07	-	32,286.07
6	**Commercial area**			**29,997.00**
a)	Area under Schools			3,500.00
	Primary school (2 no.)	1,000.00	+1,000.00	2,000.00
	Nursery school (3 nos.)	2,500.00	-1,000.00	1,500.00
b)	Area under Inter College (2 nos.)	8060.00	-	8,060.00
c)	Area under zonal shopping			16,837.00

	Zonal shopping-1	11,738.00	-	11,738.00
	Zonal shopping-2	3,170.00	-	3,170.00
	Zonal shopping-3	1,929.00	-	1,929.00
d)	Area under health centre (2 nos)	800.00	+800.00	1600.00
7	**Amenities**			
	Area under petrol pump	1,500.00	-	1,500.00
8	**Proposed Ground coverage**	**36,806.1**	**+1,155.28**	**38,812.12**
	For Group housing	11,986.34	+1,155.28	13,155.072
	For commercial (under stilt, tower no. D)	927.963	+837.287	1765.25
	For Villas	19,814.80	-	19,814.8
	For Schools	910.00	-	910.00
	For club	469.00	-	469.00
	Health center	280.00	-	280.00
	Inter college	2,418.00	-	2,418.00
9	**Proposed FAR**	**4,79,769.06**	**+68,426.41**	**5,48,195.47**
a)	For plots	1,24,258.75	-	1,24,258.754
b)	For Group Housing (@ 3.78)	2,25,216.49	+57,420.05	2,82,636.542
c)	For EWS/LIG (@ 2.0)	17,243.64	+9,106.36	26,350.00
d)	For Villas	61,529.45	-	61,529.453
e)	For Club	1,621.96	-	1,621.962
f)	For Primary & Nursery schools (@ 0.8)	2,800.00	+700.00	3,500.00
g)	For Health center (@ 1.5)	1,200.00	+1,200.00	2,400
h)	For Inter college (@ 1.20)	9,672.00	-	9,672.00
i)	For Petrol pump (@ 0.15)	225.00	-	225.00
j)	For zonal shopping (1,2,3) (@ 1.5)	25,255.50	-	25,255.5
k)	For services (ATM, post office, kiosk)	700.00	-	700.00
l)	For services (Mumty area + Machine room area + Fire Stair area)	10,046.26	-	10,046.26
10	**Basement Area**	**1,06,418.36**	**+11,661.248**	**1,18,079.608**
a)	Upper Basement	**79,672.50**	**-8,761.62**	**70,910.88**
b)	Lower Basement	**26,745.85**	**+20,422.878**	**47,168.728**
11	Stilt Area	2,491.30	**+461.31**	2,952.61
12	Built-up Area (9+10+11)	**5,88,678.71**	**+80,548.98**	**6,69,227.69**
13	Total Landscape area (@ 15% of plot area)	68,021.00	-15,318.00	52,703.00
14	Height of tallest building	82.875 m	+37.125 m	120 m

15. Salient features of the project (After Revision & Expansion):

S. No.	DESCRIPTION	DETAILS
1.	**Plot Area**	3,70,894.4 m^2 (91.6 acres)

2.	**Built-Up Area**	EC Accorded BUA-5,88,678.71 m^2 After Revision & Expansion-6,69,227.69 m^2
3.	**Population**	38,954 Persons
4.	**Total Water Requirement**	2781 KLD (Fresh Water from CGWA)
5.	**Solid Waste**	15,233 kg/day
6.	**Electricity load**	18 MVA. ; Source: Uttar Pradesh Power Corporation Limited (UPPCL).
7.	**Power back-up**	26 DG sets (1*1010 kVA, 5*1000 kVA, 3*750 kVA, 7*500 kVA, 1*380 kVA, 2*320 kVA, 5*250 kVA, 2*200 kVA)
8.	**Rain Water Harvesting Tanks**	15 Pits
9.	**Landscape Area**	52,703.00 (15%)
10.	**Parking Required** **Parking Proposed**	3628 ECS 3912 ECS
11.	**Project Cost**	1130 crores

16. Population breakup details:

S. No.	**Particular**	**Population (As per EC Accorded)**	**Population (After Revision & Expansion)**
1.	Population	**31,612**	**38,954**

17. Population Calculation (After Revision & Expansion)

S. No.	**Unit Type**	**No. of Plots/DUs/ Area**	**Density**	**(As per EC Accorded)**	**Under Revision and Expansion**	**After Revision and Expansion**
		(m^2)	(person/ plot/DU)			
1	Plotted	414	@ 12.5	5,175	-	5,175
2	Group Housing	2698	@ 5	10270 (2054 DU)	3220 (644 DU)	13,490 (2698 DU)
	Staff	@ 5% of Group Housing population		-	-	675
	Visitors	@ 10% of Group Housing population		-	-	1349
3	EWS/ LIG plots	-	@ 5	2470 (494 DU)	560 (112 DU)	3030
	Visitors	@ 10% of Group Housing population				303
4	Villas	203	@ 12.5	2538	-	2538
5	Nursery School (3 no.) + Primary School (2 no.)	3,500 @ 1 person/4m^2 FAR		700	175	875
	Staff	@ 5% of school population		35	10	45
	Student	@ 85% of school population		595	150	745

	Visitors	@ 10% of school population	70	15	85
6	Inter College (2 nos.)	9,672 @ 1 person/4m^2 FAR	2418	-	2418
	Staff	@ 5% of school population	121	-	121
	Student	@ 85% of school population	2055	-	2055
	Visitors	@ 10% of school population	242	-	242
7	Health center	20 Beds	60	60	120
	Patient	1 person/bed	20	20	40
	Attendants	1 person/ patient	20	20	40
	Staff	@ 10% of Health center population	6	6	12
	Visitors	@ 23% of Health center population	14	14	28
8	Zonal Shopping	25,255.5 @ 1 person/6 sqm of FAR	4,209	-	4,209
	Staff	@ 20% of zonal shopping population	842	-	842
	Visitors	@ 80% of zonal shopping population	3,367	-	3,367
9	Club	1,621.962 @ 1 person/10 sqm of FAR	162	-	162
	Staff	@ 30% of Club population	49	-	49
	Visitors	@ 70% of Club population	113	-	113
10	Petrol pump	225	10	-	10
	Staff	@ 30% of Petrol Pump population	3	-	3
	Visitors	@ 70% of Petrol Pump population	7	-	7
11	For other services (ATM, post office, kiosk etc.)	700	100	-	100
	Staff	@ 30% of the population	30	-	30
	Visitors	@ 70% of the population	70	-	70
12	Service staff for township	-	1500	500	2000
13	Visitors for township	-	2000	500	2500
Grand total			31,612	5,015	38,954

18. Water Requirement details:

S. No.	Particulars	AreaAs per EC Accorded	After Revision and Expansion
1.	Total Water Requirement	2126	2781
2.	Total Domestic Water Requirement	2011	2518
3.	Total Fresh Water Requirement	1408	1791
4.	Flushing water	603	727

5.	Total Waste Water Generation	1196	2160
6.	Total STP Capacity	2080	2440 KL (1600 KL + 840 KL)

19. Daily Water Demand Calculation (After Revision & Expansion)

S. No.	**Description**	**Occupancy**	**Rate of water demand (lpcd)**		**Total Water Requirement (KLD)**		
A.	**Domestic Water**		**Fresh**	**Flushing**	**Fresh**	**Flushing**	**Total**
	• Residents (Plotted, Group Housing, EWS/LIG Plots, Villas)	24,233	65	21	1575	509	**2084**
	• Staff (Plotted, Group Housing, Villas, Township, Zonal Shopping, Club, Health Center, Nursery School, Inter College, Petrol Pump, ATM, Post Office, Kiosk)	3777	25	20	94	75	**169**
	• Visitors (Plotted, Group Housing, EWS/LIG Plots, Villas, Township, Zonal Shopping, Club, Health Center, Nursery School, Inter College, Petrol Pump, ATM, Post Office, Kiosk)	8064	5	10	40	81	**121**
	• *Patients*	40	230	110	9	5	**14**
	• *Attendants*	40	65	21	3	1	**4**
	• *Students*	2800	25	20	70	56	**126**
					1791	727	**2518**
Total Domestic Water = 2518 KLD							
B.	Horticulture	52,703.00 m^2	4 l/m^2				211
C.	DG Cooling (14,430 kVA)		@ 0.9lt/kVA/hr				52
Grand Total (A+B+C) = 2781 KLD							

20. Waste Water details (After Revision & Expansion):

Domestic Water Requirement	**2518 KLD**
• Fresh	1791 KLD
• Flushing	727 KLD
Waste water generated [@80% fresh + 100% flushing]	1433 + 727 = 2160 KLD
STP Capacity	**2440 KL (1600 KL + 840 KL)**

21. Solid waste generation details:

Description	**As per EC accorded**	**After Revision & Expansion**
Solid Waste Generation	12,452 kg/day	15,233 kg/day

22. Calculation of Solid Waste Generation (After Revision & Expansion)

S. No.	Description	Occupancy	Waste Generated (kg/capita/day)	Waste Generated (kg/day)
1.	**Domestic Solid Waste**			
	• Residents + Patients + attendants	24313	0.50	12157
	• Staff + Students	6577	0.25	1644
	• Visitors	8064	0.15	1210
2.	Horticultural Waste (13.02 acre)		@ 0.2 kg/acre/day	3
3.	STP Sludge		Sludge generated x 0 .35 x B.O.D difference/1000	219
Total Solid Waste Generation= 15,233 kg/day				

23. Total Parking Proposed = 3912 ECS.
24. The project proposal falls under category 8 (b) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Due to unavoidable circumstance and covid-19 pandemic, the authority are unable to visit the site therefore, it is not possible to make available the latest certified compliance report. **In view of this the committee decided that the certified compliance report should be submitted within 06 months. Failing which EC will be deemed to be cancelled.**
2. Anti-smog gun should be used during construction/operation phase.
3. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and All the activities proposed by the PP or prescribed by the EAC/SEAC are required to be the part of EMP as per OM 22-65/2017-IA.III dated 30.09.2020. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
4. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
5. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
6. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
7. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
8. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
9. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed

work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.

10. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
11. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
12. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
13. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
14. 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.
15. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
16. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
17. 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.
18. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
19. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
20. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
21. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
22. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
23. No parking shall be allowed outside the project boundary.
24. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
26. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
27. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.

28. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
29. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
30. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
32. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
33. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
34. All the internal drains are to be covered till the disposal point.
35. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
36. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

5. "Onshore Oil & Gas Exploration & Appraisal and Early Production" in GV-ONHP-2017/1, Hydrocarbon Block falling in Kheri and Shahjahanpur Districts of U.P., Shri Dilip Kumar Bera, M/s Vedanta Ltd.(Div: Carin Oil & Gas), File No.-5902SIA/UP/IND2/175859/2020

RESOLUTION AGAINST AGENDA NO-05

The project proponent/consultant did not appear in the meeting and also not circulated the documents to the members of SEAC on time. Hence, the committee directed to defer the matter. 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.

6. Group Housing "The Park" at Plot No.-GH-1C, Sector-16 C, Greater Noida, District-Gautam Buddha Nagar, U.P., Shri Yogesh Gupta, M/s JNC Construction Pvt. Ltd., File No.- 5888 SIA/UP/MIS/175763/2020

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. The environmental clearance is sought for Group Housing Project "The Park" at Plot No.- GH-1C, Sector-16 C, Greater Noida, District- Gautam Buddha Nagar, U.P., by M/s JNC Constructions Pvt. Ltd.

2. Now M/s JNC Constructions Pvt. Ltd. Managed by Gautam Builders in consortium with Rapid Contracts Pvt. Ltd. Vide NCLT New Delhi order date 04.08.2020 in company petition no.(IB)-272(PB)/2019
3. Salient features of the project:

Sr. No.	PARTICULARS	DETAILS
1.	Plot Area	20015.9 sqm
2.	Total Built up Area	1,04,955.775 sqm
3.	No. of Floors	2B+S+G+22
4.	Estimated Population	5377 individuals; DU -934
5.	Total water requirement	458 KLD
6.	Waste water generation	354 KLD
7.	STP capacity	430KLD
8.	Total Power Requirement	4736 KW
9.	Total Power Backup	4 no. of DG sets of total 3270 KVA (i.e. 2 x 1010 + 2 x 625 KVA) capacity for power back up in the project out of which 1010 KVA will be in stand by
10.	Total solid waste generated	2465.43 kg/day
11.	Parking Details (in ECS)	928 ECS
12.	RWH pits	4 pits
13.	Project Cost	Approx. 250 Cr

4. Area details of the project:

S. No.	Particulars	Area (in m2)	%
1.	Total Plot Area (TPA)	20015.9	100
2.	Permissible Ground Coverage (@ 35% of TPA)	7005.565	
3.	Proposed Ground Coverage (@ 24.79% of TPA)	4963.792	24.79
4.	Permissible FAR (@ 3.675 of TPA)	73558.433	
5.	Proposed FAR (@ 3.674 of TPA)	73531.480	
	Proposed FAR of Residential blocks	72830.930	
	Proposed FAR of Commercial area	700.55	
6.	Proposed area in 15% facility area for housing = Fire staircase area+lift lobby area+mumty area+machine room area+lift+cupboard+guard room+overhead tank+STP +Community	8699.808	
6.	Open Area (1-3)	15052.108	
7.	Required Green Area (@ 50 % of open area)	7526.054	
8.	Proposed Green Area (@ 51.29 % of open area)	7720.261	38.57
9.	Area of Stilts	2096.248	10.47
10.	Area under Roads	5235.599	26.15
11.	Area of Basements First basement Second basement	 16054.439 4573.8	
12.	Built Up Area (5+6+9+11)	1,04,955.775	
13.	Maximum Height of Building	83.85 m	

5. Population details:

S. No.	Particular	Dwelling Unit	Area (sq. m.)	Density	Population
1	Residential Population	934		5	4670
2	Visitors			10 % of Residential population	467
3	Staff			5 % of Residential population	233
4	Commercial		700.55	@ 1 person / 10 m2 10% of the Convenient Shopping population	70 7
Total Population					5377

6. Water requirement details:

Sr. No.	Particular	Occupancy	Area in Sqm	Water Demand per capita	Fresh Water	Treated Water	Total Water Demand	Wastewater generation
1(a)	Dwelling unit population	4670		86	303.55	98.07	401.62	340.91
1(b)	Visitors population	467		15	1.71	5.29	7.005	6.66
1(c)	Staff Population	233		30	1.71	5.28	6.99	6.65
2	Commercial Population	7		30	0.05	0.16	0.21	0.20
3	Landscape Area		7720.261	5.5 ltrs/sqm/day		42.46	42.46	
	Total				307.02 ~307	151.27~ 151	458.29~ 458	354.42~ 354

7. During the operational phase approximately 354 KLD of wastewater will be generated for which will be treated in 430 KLD STP. It is expected that approximately 283 KLD of treated water will be recovered from the STP.
8. Parking details:

As per MoEF&CC requirement			
For Residential	Density	1 ECS per 100 sqm of FAR	
	FAR	72830.93	sqm
		72830.93/100	
	Parking Required	728	ECS
As per Greater Noida Bye Laws			
For Residential	Density	1 ECS per 80 sqm of permissible FAR	
	Permissible FAR	73558.433	sqm
		73558.433/80	

	Parking Required	919	ECS

S.No	Particular	Area proposed for Parking	Area required /ECS	Calculation	ECS Proposed
1	Basement				
	Basement I	15288.246	30	15288.246/30	510
	Basement II	4340.826	30	4340.826/30	145
2	Stilt	2096.248	30	2096.248/30	70
3	Surface Parking	4070.388	20	4070.388/20	204
Total Parking Proposed					928

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

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and All the activities proposed by the PP or prescribed by the EAC/SEAC are required to be the part of EMP as per OM 22-65/2017-IA.III dated 30.09.2020. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.

10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. 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.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. 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.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
19. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
20. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.

28. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
29. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
30. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
31. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
32. All the internal drains are to be covered till the disposal point.
33. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
34. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

7. Hotel Cum Commercial and Residential Project at Khasra No.- 94-98, 1955-1959, 1962, 1986-88, 1995, 1996 & Part of Khasra No.- 99, 103, 1963, 1994 & 1997 Part of Plot No- G/C-01, Taj Nagari, District- Agra, U.P., Shri Kishore Gupta, M/s Gangetic Developers Pvt. Ltd., File No.- 5889SIA/UP/MIS/174184/2020

A presentation was made by the project proponent the along with their consultant M/s PARAMARSH (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for M/s Gangetic Developers Private limited developed the Hotel cum Commercial andResidential Project on Khasra No. 94-98, 1955-1959,1962, 1986-88, 1995, 1996 & Part of Khasra No. 99, 103, 1963, 1994 & 1997 Part of Plot No. G/C-1 Taj Nagari, District – Agra, UP
2. Salient features of the project as submitted by the project proponent:

Particulars	Details
Location	Khasra No. 94-98, 1955-1959, 1962, 1986-88, 1995, 1996 & Part of Khasra No. 99, 103, 1963, 1994 & 1997 Part of Plot No. G/C-1 Taj Nagari, District – Agra, UP.
Status of construction	Earlier Environmental Clearance had been granted by Directorate of Environment, UP vides letter no. 427/SEAC/182/2009/ dated 19th March 2009 for Large Scale Shopping, Entertainment and Hotel Unit project.
Project area and Built-up area	The total plot area of project site is 27,263.01 m^2 and the Built-up area is 83,587.89 m^2
Category	Category B, Type- 8(a)
Current status of land	Residential cum commercial land use as per Master Plan 2021 of Agra Development Authority.
Type of facilities	Residential towers (3 nos.) Hotel (3 nos.)
Nearest Highway	NH–2
Nearest railway station	Agra Cantonment railway station – 7km (W)

Nearest airport	Kheria Air Force Station – 9 km (W)
Protected areas as per Wildlife Protection Act, 1972	Taj Protected Forest – 2 km (N)
Rivers/Lakes	Yamuna River – 2.5 km (N)
Archaeological important places	Taj Mahal – 2 km (N) Agra Fort – 4 km (NW) Tomb of Akbar – 13 km (NW)
Seismic zone	Seismic Zone-III as per 2002 map.
Defense installations	Kheria Air Force Station – 9 km (W)
Project Cost	65.0 Crore
CER @2%	1.30 Crore

3. Area Detils :-

Items	Proposed (sq mt)
Total Plot area	27,263.01 (6.74 acres)
Ground Coverage	6033.22 (22%)
FAR	61404.00
Basement Area	7762.06 7815.29
Total non FAR area	22183.89
Total Built up area	83,587.89
Open area	21,229.8 (78 % of total plot area)
Green area (hard + soft green)	8,996.8 (33% of total plot area)
No. of Trees	150 nos.
Parking	937 ECS
Units	Residential units: 272 nos. Hotels: 312
Estimated Population	Residential – 1,360 (@ 5 person per unit) Hotel: 624 (@ 2 person per unit) Floating – 136 and Staff – 100

4. Water Calculations:

S. No.	Description	Unit/Area (m^2)	Total Occupancy (@ 5/unit)	Rate of fresh water demand (lpcd)	Total Fresh Water (KLD)	Total Flushing/ Recycled water (KLD)	Total Water Requirement (KLD)
1.	Residential	272	1360	*Fresh Water @ 65 LPCD Flushing Water @ 21 LPCD*	88.4	28.6	117
2.	Hotel	312	624	*Fresh Water @ 126 LPCD* Flushing Water @ 54 LPCD**	78.6	33.7	112.3
2.	Staff	5%of total	100	*Fresh Water*	3	1.5	4.5

		pop.		*@ 30 LPCD Flushing Water @ 15 LPCD*			
3.	Visitors	10%of total pop.	136	*Fresh Water @ 5 LPCD Flushing Water @ 10 LPCD*	1	1.4	2.4
4	Green area	8,996.8 sqm		1 l/sqm		9	9
5	Cooling water for power generator sets	750*3 kVA		0.9 l/KVA/Hr (@ 8 hrs)		22	22
6	HVAC	1500 TR		9 l/Tonnage/Hr (@ 20 hrs)		270	270
7	Fire fighting	1% of total water demand		5.37 KLD ≈ 5 KLD			
Grand Total				542 KLD			

5. Solid Waste Generation Rate:

S. No.	Particulars	Population	Waste generated kg/day
1	Residential (@ 0.5 Kg/day)	1360	680
2	Hotel (@0.5kg/day)	624	312
3	Visitors (@ 0.15 Kg/day)	136	20
4	Staff (@ 0.15 Kg/day)	100	15
Total Solid Waste Generated			**Approx. 1027 kg/day**
Horticulture waste (@ .0037/sq/day)			34
E-Waste (0.15 Kg/C/Yr)			< 1.0
STP Sludge			54

6. Required Parking :-

REQUIRED PARKING	
Hotel Parking @ 2 ECS for 100 m^2 & 1 ECS/2 guest room	299
Residential Parking @ 1 ECS for 80 m^2 + Commercial Parking @ 1 ECS for 30 m^2	625
Parking required	**924 ECS**

7. Proposed Parking :-

Hotel Parking Basement Parking @ 1 ECS/35 m^2 Guest Room @ 1 ECS/2 guest rooms	636 ECS
Residential Parking (Open)	301 ECS
	937 ECS

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

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and All the activities proposed by the PP or prescribed by the EAC/SEAC are required to be the part of EMP as per OM 22-65/2017-IA.III dated 30.09.2020. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. 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.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. 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.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.

17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
19. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
20. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
28. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
29. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
30. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
31. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
32. All the internal drains are to be covered till the disposal point.
33. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
34. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

8. Modernization of Group Housing at Plot No.- GH-A(GH-6 TO GH-13), Housingh Sector, Talanagari Industrial Area, District- Aligarh, U.P., Shri Akarshak Mishra, M/s Ozone Promoters Pvt. Ltd, File No.- 5890SIA/UP/MIS/176112/2020

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

1. The Environmental clearance is sought for Modification of Group Housing Project at Plot No. GH-A (GH-6 to GH-13), Housing Sector, Talanagri Industrial Area, Aligarh, Uttar Pradesh by M/s Ozone Promoters Pvt. Ltd.
2. Comparative details for existing and post modification:

S. No.	Description	As per Earlier EC	Post modification
		Area (Sqm)	**Area** (Sqm)
1.	Plot Area	10,665	10,665
2.	Permissible Ground coverage (@ 35%)	3732.75	3732.75
3.	Proposed Ground coverage (@ 34.87%)	3718.55	2,799.59
4.	Permissible FAR (@ 2.5)	26,662.5	26,662.5
5.	**Proposed FAR** • Residential • Commercial/ • Club/community • Guard Room • Meter Room & Panel Room	**26,658.1** @ 2.499 26,538.086 120.011 Nil Nil Nil	**19,434.967** @ 1.822 18,819.337 230.960 334.72 9 40.950
6.	**Non-FAR** • ESS • Podium/Stilt • Guard Room Area • Machine Room Area • Mumty area • Service Area (Balcony, Fire Staircase) • Cupboard Area • Visitor's Toilet • Community Facility Area	**7,062.7** 240 421 12 138 115.8 5138.6 584 14 399.3	**3,138.316** Nil 2,377.315 Nil 100.003 98.038 562.96 Nil Nil Nil
7.	**Built Up Area**	**33,721**	**22,573.283**
8.	Open Area	6946.45	7,865.41
9.	Green area	2969.16	1,532.67
10.	Maximum Height of the building (m)	44.95	35.025
11.	No. of Dwelling Units	318	160

3. Salient features of the project (Post Modification):

DESCRIPTION	DETAILS
Plot Area	10,665 m^2 (2.635 acres).
Built-Up Area	22,573.283 m^2
Population	920 persons
Total Water requirement	97 KLD
Domestic Water requirement	72 KLD

Fresh Water Requirement	50 KLD
Solid Waste	431 kg/day
Electrical load	833.66 kVA; Source: State Electricity Board
DG set	2 DG sets of total capacity 570 KVA (1x320 + 1x250 KVA)
RWH structures	3 Pits
Parking Proposed	Required: 292 ECS Proposed: 293 ECS
Project Cost	INR 31.01 Crores

4. Population breakup details:

S. No.	Description	As per Earlier EC	Post modification
1.	Residential (@ 5 persons/unit)	1590 (DU = 318)	800 (DU = 160)
2.	Staff (@ 5%)	80	40
3.	Visitors (@ 10%)	160	80
	TOTAL POPULATION	**1830**	**920**

5. Water Requirement details:

S. No.	Description	As per Earlier EC (KLD)	Post modification (KLD)
1.	**Total Water Requirement**	160.5	97
2.	**Domestic Water Requirement**	142	72
3.	**Fresh Water Requirement**	99	50
4.	**Total Waste Water Generation**	122	62
5.	**Sewage Treatment Plant**	150	75

6. **Daily Water Demand Calculation (Post Modification)**

S. No.	Description	Occupancy	Rate of water demand (lpcd)	Total Water Requirement (KLD)
A.	**Domestic Water**			
	Residents	800	86	68.80
	Staff	40	45	1.8
	Visitors	800	15	1.2
Total Domestic Water				**71.8 Say 72 KLD**
B.	**Horticulture Water** (1,532.67 m^2)	1 lt./sqm/day		15
Grand Total (A+B) = 97 KLD				

7. Waste Water details (Post Modification):

Domestic Water Requirement	72 KLD
• Fresh water (@ 70% of domestic)	50.4 Say 50 KLD
• Flushing (@ 30% of domestic)	21.6 Say 22 KLD
Waste Water Generated (@ 80% fresh + 100% flushing)	40 + 22 = 62 KLD
STP capacity	75 KLD

8. Solid waste generation details:

	As per earlier EC	Post Modification
Solid Waste	852 kg/day	431 kg/day

9. Calculation of Solid Waste Generation (Post Modification)

S. No.	Category	Waste Generated (kg/capita/day)	Waste generated (kg/day)

1.	Residents	800 @ 0.50 kg/day	400
2.	Staff	40 @ 0.25 kg/day	10
3.	Visitors	80 @ 0.15 kg/day	12
4.	Landscape waste (0.378 acre)	@ 0.2 kg/acre/day	0.076
5.	STP Sludge		8.463
TOTAL SOLID WASTE GENERATED			**430.54 say 431 kg/day**

10. Total Parking Proposed = 293 ECS.
11. The project proposal falls under category 8 (a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and All the activities proposed by the PP or prescribed by the EAC/SEAC are required to be the part of EMP as per OM 22-65/2017-IA.III dated 30.09.2020. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
2. Anti-smog gun should be used during construction/operation phase.
3. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
4. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
5. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
6. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
7. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
8. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
9. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
10. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
11. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
12. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
13. 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.

14. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
15. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
16. 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.
17. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
18. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
19. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
20. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
21. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
22. No parking shall be allowed outside the project boundary.
23. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
24. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
25. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
26. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
27. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
28. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
29. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
30. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.

31. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
32. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
33. All the internal drains are to be covered till the disposal point.
34. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
35. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

9. Group Housing at Plot No.-76, Sector SIGMA IV, Greater Noida, District-Gautam Buddha Nagar., Shri Sunil Kumar Thakur, M/s S S Awas Samiti Ltd., File No.-5892SIA/UP/MIS/174016/2020

A presentation was made by the project proponent along with their consultant M/s PARAMARSH (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The Environmental clearance is sought for Group Housing at Plot No.-76, Sector SIGMA IV, Greater Noida, District-Gautam Buddha Nagar., M/s S S Awas Samiti Ltd.,
2. Salient features of the project as submitted by the project proponent:

Particulars	Details
Water Demand and Source	55 KLD
Waste Water	60 KLD
STP Capacity	75KLD
Power Demand	280kVA
Backup Power	DG sets of total capacity of 250kVA (1*250)
Solid Waste Generation and Management	400kg/day
Rain Water Harvesting	03 nos. of RWH of 36 cum capacity each pit
Green Belt and Horticultural development	9562.2209 sq.m.
Parking Facilities	427 ECS 307 for two wheelers

3. Area details:

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 ▪ Soft green - 4781.1 ▪ Hard green - 4781.1 ▪ No of trees – 195nos	36.00 % of open area No of trees required :175 Trees
13	Height of the highest Tower	12.58 m	

14	Proposed Units	180nos	

4. Water Calculations:

Description	**No. of unit s**	**Unit Population**	**Population**	**Unit water consumption (litres)**	**Total water required (kld)**	**water requirement for domestic use (kld)**	**Flushing /Recycled water (kld)**
Dwelling units	180	4.5	810	86	69.66	52.65	17.01
Visitors	...	...	81	15	1.215	0.729	0.48
Staff			41	45	1.845	1.230	0.61
Horticulture	8719.2	...			26.157		26.15
DG Cooling	250 KVA				2.700		2.70
Total			...	...	101.57	54.61	46.96
					Say 102 KLD	Says 55 KLD	Says 47 KLD

5. Solid Waste Generation Rate:

S.No	**Particular**	**Population**	**Waste generated kg/day**
1.	Residential (@ 0.5 kg/day)	810	405
2.	Visitors (@ 0.15 kg/day)	81	12.15
3.	Staff (@ 0.15 kg/day)	41	6.15
4.	Horticulture waste (@0.0036/sq/day)		31
	Total SW		423
5.	E waste (0.15 kg/C/Yr)		121.5

6. Parking Plan:

Parking Required @ 1 ECS for 65 m^2 FAR Area (39840.84/65)	613 ECS
Parking Area proposed	615 ECS

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

RESOLUTION AGAINST AGENDA NO-09

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and All the activities proposed by the PP or prescribed by the EAC/SEAC are required to be the part of EMP as per OM 22-65/2017-IA.III dated 30.09.2020. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.

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23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.

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33. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
34. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

10. Multiplex/ Shopping Mall "City Centre L A Mall Bareilly" at Khasra No.- 26, Plot No.- 103, Gram- Makrandpur, Sarkar, 98, Civil Lines, Bareilly, U.P., Shri Amar Pal Singh, M/s Parish Buildwell Pvt. Ltd., File No.-5898SIA/UP/MIS/176715/2020

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

1. The environmental clearance is sought for proposed multiplex/ shopping mall project “City Centre LA Mall” at Khata No. 26, Plot No. 103, Gram Makrandpur Sarkar, 98, Civil Lines, Bareilly, Uttar Pradesh by M/s Parish Buildwell Pvt. Ltd.
2. The proposed multiplex/ shopping mall project having the net plot area of 12,169.06 sq. m. and built-up area will be 32,647.061 sq. m.
3. The project is a proposed shopping mall with multiplex and other facilities. The land is divided (internally) into two parcels viz. commercial plot (Part-A) & community service (Part-B). The proposed project comprises of Max. No. of floors 2B + Ground + 5 floors.
4. Salient features of the project:

S. No	Particulars	Plot A (Commercial)	Plot B (Community Service)	Total

	GENERAL			
1.	Total Plot area	4610.10 sq. m	7931.90 sq .m	12,542.0sq. m
2.	Surrendered area	Nil	372.93 sq. m	372.93 sq. m
3.	Net Plot area	4610.10 sq. m	7558.965 sq. m.	12,169.06 sq. m.
4.	Built up Area (8+9)	12,555.292 sq. m	20091.765 sq. m	32,647.061 sq. m.
5.	Max Height	22.50 m	26.70 m	
6.	Max number of floors	2 basements + Ground + 4 Floors	2 basements + Ground + 5 Floors	
7.	Expected Population	Fixed: 1202; Floating: 2398		
8.	Total project cost	Rs. 50 crores		
9.	Project Facilities	• Shops : 142 nos. • Super-market (anchor shops) : 2 nos. • Banking area : 384.344 sq. m. • Guest house : 12 rooms • Multiplex : 903 seats • Banquet hall, Conference hall, Art Gallery, Health Centre/ Gym. Activity area		
	AREAS			
10.	Permissible FAR	1.75 (8067.675 sq m.)	1.50 (11,338.448 sq. m.)	1.59 (19,406.123 sq. m.)
11.	Proposed FAR	1.74 (8025.066 sq. m.)	1.48 (11,248.765 sq. m.)	1.58 (19,273.831 sq. m.)
12.	Non FAR area	4530.226 sq. m.	8843.00 sq. m,	13373.226 sq. m.
13.	Built up Area (8+9)	12,555.292 sq. m	20091.765 sq. m	32,647.061 sq. m.
	WATER			
14.	Total water requirement		128 KLD	
15.	Fresh Water		67 KLD	
16.	Recycled Water		61 KLD	
17.	Waste water generation		68 KLD	
18.	Proposed capacity of STP		80 KLD	
19.	Treated Water Available for Reuse		61 KLD	
20.	Treated Water Recycled		61 KLD	
	RAIN WATER HARVESTING			
21.	Rain Water Harvesting - Recharge Pits		3 Nos.	
	PARKING			
22.	Total Parking Required as / Building Bye Laws		406 ECU	
23.	Proposed Total Parking		410 ECU	
24.	Parking in basements		353 ECU	
25.	Open parking (ground floor)		57 ECU	
26.	Permissible Ground Coverage	40% (1844.040 sq. m)	40% (3023.586 sq. m)	40% (4867.626 sq. m.)
	GREEN AREA			
27.	Proposed Green area	627.88 sq. m. (13.62%)	928.11 sq. m. (12.28%)	1555.99 sq. m. (12.79 %)
	WASTE			
28.	Total solid waste generation		666 kg/day	
29.	Composition			

S. No.	Particulars	Approx. Qty, (kg/day)
1.	Mixed papers	246
2.	News Papers	87
3.	Other Paper	80
4.	Cardboard	67
5.	Food Scrape	67
6.	Plastic	40

		7.	Other Garbage	33
		8.	Glass	27
		9.	Metal Cans	20.0
			Total	**666**
	ENERGY			
30.	Total Power Requirement	Connected load : 3473.88 KW Maximum demand : 2625.53 KW		
31.	DG Back up	• 1010 kVA: 2 nos. • 500 kVA: 3 nos.		

32.	Proposed Ground Coverage	32.21% (1485.119 sq. m)	34.38% (2598.760 sq. m.)	33.56% (4083.88 sq. m.)

5. Area details of the project:

S. No	Particulars	Plot A (Commercial)	Plot B (Community Service)	Total
a.	Total Plot area	4610.10 sq. m	7931.90 sq .m	12,542.0sq. m
b.	Surrendered area	Nil	372.93 sq. m	372.93 sq. m
c.	Net Plot area	4610.10 sq. m	7558.965 sq. m.	12,169.06 sq. m.
d.	Built up Area	12,555.292 sq. m	20091.765 sq. m	32,647.061 sq. m.
e.	Permissible Ground Coverage	40% (1844.040 sq. m)	40% (3023.586 sq. m)	40% (4867.626 sq. m.)
f.	Proposed Ground Coverage	32.21% (1485.119 sq. m)	34.38% (2598.760 sq. m.)	33.56% (4083.88 sq. m.)
g.	Permissible FAR	1.75 (8067.675 sq m.)	1.50 (11,338.448 sq. m.)	1.59 (19,406.123 sq. m.)
h.	Proposed FAR	1.74 (8025.066 sq. m.)	1.48 (11,248.765 sq. m.)	1.58 (19,273.831 sq. m.)
i.	Non FAR area	4530.226 sq. m.	8843.00 sq. m,	13373.226 sq. m.
j.	Green area	627.88 sq. m. (13.62%)	928.11 sq. m. (12.28%)	1555.99 sq. m. (12.79 %)

6. Water requirement details:

S. No.	Particulars	Population	Fresh water demand	Treated water	Total
1.	Fixed	299	@ 25 LPCD: 8 KLD	@ 20 LPCD: 6 KLD	14 KLD
2.	Guest House	24	@120 LPCD: 3 KLD	@60 LPCD: 2 KLD	5 KLD
3.	Floating	2398	@ 5 lpcd : 12 KLD	@10 lpcd : 24 KLD	36 KLD
4.	Multiplex	903	@5 lpcd : 5KLD	@10 lpcd: 9KLD	14 KLD
5.	Makeup for cooling towers		39 KLD	12 KLD	51 KLD
6.	Landscaping (1216.90 sq. m.)			8 KLD	8 KLD
Total			**67 KLD**	**61 KLD**	**128 KLD**

7. Waste Water details:

Total water requirement	128 KLD
Total fresh water requirement	67 KLD
Flushing	42 KLD
Waste water generated	68 KLD
STP Capacity	80 KLD

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

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and All the activities proposed by the PP or prescribed by the EAC/SEAC are required to be the part of EMP as per OM 22-65/2017-IA.III dated 30.09.2020. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. 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.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. 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.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.

17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
19. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
20. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
28. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
29. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
30. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
31. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
32. All the internal drains are to be covered till the disposal point.
33. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
34. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

11. Group Housing at Village- Mauza Mau, Tehsil & District- Agra, U.P., Shri Gaurav Sharma, M/s Paawan Sahkari Awas Samiti Ltd., File No.- 5903SIA/UP/MIS/176369/2020

RESOLUTION AGAINST AGENDA NO-11

The project proponent/consultant requested to defer the matter in next SEAC meeting. The committee discussed and directed to defer the matter as per request made by the project proponent. The matter will be discussed only after submission of online request on prescribed online portal

12. Capacity Expansion of Cement Grinding Unit from 0.90 MTPA to 1.25 MTPA at UPSIDC Industrial Area, Phase-II, Amawan Road, Tehsil-Maharajganj,District-Reabareli,U.P., M/s Birla Corporation Ltd., File No.- 5649/4969SIA/UP/IND/52921/2019

A presentation was made by project proponent on 24.06.2020 along with their consultant M/s. Vimta Labs Ltd. The committee discussed the matter and directed the project proponent to submit Additional details. Accordingly, the ADS reply was submitted by the project proponent on 27.08.2020. In the meeting, The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. Environment clearance for Capacity Expansion of Cement Grinding Unit from 0.90 MTPA to 1.25 MTPA at UPSIDC Industrial are, Phase-II, Amawan road, Tehsil-Maharajganj,District- Reabareli, U.P.,M/s Birla Corporation Ltd.
2. The coordinates of the site location area 26015'54.9" N to 26015'9.2" N and longitude 81014' 58.8" E to 81015'7.7" E. The existing unit had started its operations from December,1998.
3. CTO for production capacity has been renewed for 0.90 MTPA vide Letter No.77886/UPPCB/Raebareli(UPPCBRO)/CTO/air/Raebareli/2019 dated 11.03.2020 and is valid till 31.12.2021.
4. Terms of Reference (TOR) for the preparation of EIA/EMP report has been issued by MoEF&CC vide letter No. 322/Parya/SEAC/4969/2018 dated 02.11.2019.
5. The public hearing for the proposed expansion of cement grinding unit was exempted by committee as it is located in UPSIDC Industrial area, Phase-II, Amawan road, Raebareli tehsil, Raebareli district, Uttar Pradesh.
6. Raw Material Details

Raw Material Required	**Quantity (MTPA)**			**Source**	**Mode of Transportation**
	Existing (0.900 MTPA)	**Proposed (0.350 MTPA)**	**Total (1.250 MTPA)**		
Clinker	0.5760	0.2240	0.8000	Integrated cement plant of RCCPL Ltd-Maihar, & BCL-SCW, Dist. Satna,	By road/rail
Gypsum	0.0315	0.0123	0.0438	Rajasthan mines, J&K and imported gypsum from nearby countries	By road
Fly Ash	0.2925	0.1138	0.4063	NTPC Unchahar, Rosa & Bara, power plants and nearby sources	By road
Total	0.900	0.350	1.250	-	-

7. Existing power requirement is 4.50 MVA which will be sufficient for production capacity expansion of the RCW grinding unit and being met from the state grid of Uttar Pradesh Power Corporation Limited (UPPCL).
8. Existing water requirement is about 145 KLD. Proposed additional water requirement is about 5 KLD. Total water requirement after expansion is about 150 KLD. Water demand is being met from the ground water sources.
9. The existing plant is located in an area of about 3.68 ha. No additional land acquisition is involved as the proposed expansion will be taken up within the existing plant premises.
10. Direct and indirect employment will be generated due to the project. The total manpower requirement for the project during operation is estimated at approximately 50 persons (direct) and approximately 100 persons (indirect). Unskilled/ semi-skilled manpower can be sourced from the local area and skilled manpower will be sourced from outside/ local.
11. Hazardous Waste Generation Details

Sr. No.	Type of Waste Generation	Generation Quantity	Method of Disposal
1	Used oil	2.44 KL	Sold out to registered recycler / TSDF.
2	Empty barrels / containers / liners contaminated with hazardous chemicals/wastes (Category 33.1 as per HWM Rule 2016)	Will be given to PCB approved agencies / TSDF	

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

RESOLUTION AGAINST AGENDA NO-12

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with following 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. 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 State pollution Control Board.
   v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.

vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

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 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) 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 monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.

iii. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM_{10} and PM_2.s in reference to PM emission, SO_2 and NOx in reference to SO_2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions . (case to case basis small plants: Manual; Large plants: Continuous).

iv. 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.

v. 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.

vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.

vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.

viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.

ix. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.

x. Provide wind shelter fence and chemical spraying on the raw material stock piles.

xi. Have separate truck parking area and monitor vehicular emissions at regular interval.

xii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.

xiii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants

III. Water quality monitoring and preservation:

i. The project proponent shall install effluent monitoring system with respect to standards

prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) 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. (Case to case basis small plants: Manual; Large plants: Continuous).

ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.

iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.

iv. Adhere to Zero Liquid Discharge.

v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.

vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off

vii. The project proponent shall practice rainwater harvesting to maximum possible extent.

viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.

ix. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

i. 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.

ii. 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. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.

ii. Provide the project proponent for LED lights in their offices and residential areas.

iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.

VI. Waste management

i. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.

ii. Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant).

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

ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

VIII. 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. 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.

iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

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 / conditions and shareholders I stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

iii. A separate Environmental Cell both at the project and company head quarter level , with qualified personnel shall be set up under the control of senior Executive, who will directly report 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.

vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.

X. Miscellaneous

i. Under CER activity as committed ambulance for handicapped, equipped with

medical facilities may be provided.

ii. 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.

iii. 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.

iv. 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.

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

vi. 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.

vii. The project proponent shall submit the environmental statement for each financial year in Form-V to the State Pollution Control Board as prescribed under the Environment (Protection) Rules , 1986, as amended subsequently and put on the website of the company.

viii. 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.

ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

x. ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP repo rt, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.

xi. 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).

xii. 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.

xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

xiv. The Ministry reserves the right to stipulate additional conditions if found necessary.

xv. The Company in a time bound manner shall implement these conditions.

xvi. 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 g reports.

xvii. 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.

xviii. 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.

13. Construction of Mix Use Project Plot No.-TCG/1-A-V-6/TCG/1-A-V7, Gomti Nagar, Phase-I, Vibhuti Khand, Lucknow. File No.- 4638 SIA/UP/NCP/91606/2018

The committee noted that the matter was earlier discussed in 388th SEAC meeting dated 20/02/2019 and has defer the matter due to non-availability of certified compliance report. The matter will be discussed only after submission of online information on prescribed online portal.

The project proponent submitted their certified report & replies online on date 28-09-2020 & vide letter dated 28/09/2020. A presentation was made by project proponent along with their consultant M/s Cognizance Research India Pvt Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The Environmental clearance is sought for Revision and Expansion of Proposed Group Housing and Retail Shopping Outlet-Experion Capital at Mixed land use Plot No. TCG/1-A-V-6 & TCG/1-A-V-7, Gomti Nagar, Phase 1, Vibhuti Khand, Lucknow, U.P by M/s. Experion Developers Pvt. Ltd. & M/s Experion Hospitality Pvt. Ltd.
2. Environmental Clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no.
3. 50/Parya/SEAC/3723/2016 dated 12-Dec-2017 for BUA 77467.94m2 on land measuring 27573.95 m2.
4. Certified Compliance report for the earlier environmental clearance conditions has a been issued by Regional Office, MoEF&CC, Govt. of India vide File VII/Env/SCL-UP/1156/2019/25 dated 20.05.2019
5. Earlier EC was issued on the Name of Proposed Mix Use Project at located at Plot No. TCG/1-A-V-6 & TCG/1-A-V-7, Gomti Nagar, Phase 1, Vibhuti Khand, Lucknow, UP.by M/s Experion Developer Pvt Ltd.
6. Proponent has given undertaking for revision of name change of project and requested to issue EC on the name "Proposed Group Housing & Retail Shopping Outlet-Experion Capital" located at Mixed Land use Plot No. TCG/1-A-V-6 & TCG/1-A-V-7, Gomti Nagar, Phase 1, Vibhuti Khand, Lucknow by M/s. Experion Developers Pvt Ltd & M./s Experion Hospitality Pvt Ltd.
7. Comparative details of existing and proposed revision- expansion of the project:

S.no	**Items**	**As per EC vide letter no. 50/Parya/SEAC/3723/2016 dated 12-Dec-2017**	**New Proposal File No 4638 Online Proposal no-SIA/UP/NCP/ 91606/2018**
1.	Name of Project	Proposed Mix Use Project at located at Plot No. TCG/1-A-V-6 & TCG/1-A-V-7, Gomti Nagar, Phase 1, Vibhuti Khand, Lucknow, UP.by M/s Experion Developer Pvt Ltd.	"Proposed Group Housing & Retail Shopping Outlet-Experion Capital" located at Mixed land use Plot No. TCG/1-A-V-6 & TCG/1-A-V-7, Gomti Nagar, Phase-1, Vibhuti Khand, Lucknow by M/s. Experion Developers Pvt Ltd & M./s Experion Hospitality Pvt Ltd
2.	Number of Flat	360	253
3.	No of Shop	27	192

4.	Total Land Area	27,573.95m^2	27573.95m^2
5.	Permissible Ground Coverage (30%)	8,272.185m^2	8,272.185m^2
6.	Permissible FAR (2.0)	55,147.95m^2	55147.95m^2
7.	Achieved FAR	54,845.24m^2	54,342.49m^2
8.	Tower-1	7157.28 m^2	7157.28 m^2
9.	Tower-2	9,799.90 m^2	9799.9 m^2
10.	Tower-3	9,100.81 m^2	9100.81 m^2
11	Tower-4 & 5	10,186.72 m^2	NA
12.	Tower-6	9,767.31 m^2	9767.31 m^2
13	Commercial area	7,324.63 m^2	17008.60 m^2
14.	Commercial Club	1,508.59 m^2	1508.59 m^2
15.	Basement Area	20,285.72 m^2	Upper Basement-19082.6
			Lower Basement -2624.25
			Total basement Area- 21706.85 m2
16.	Mumty & Machine RM.	666.18 m^2	537.26 m^2
17.	Fire Escape Area	1,560.44 m^2	1191.11 m^2
18.	Total Built-up Area	77,467.94 m^2	77,777.71 m^2
19.	Green area	2803.67 m^2	2823.97 m^2
20.	Tallest Building Height	51m	62.55m
21.	Parking No of ECS	803	661
22.	Power Back UP	2x1010KVA+1x500KVA	1x1500KVA + 1x1010KVA +1x500KVA
23.	Power Requirement & Source	2892 KVA Source-UPPCL	2957 KVA Source-UPPCL
24.	STP Capacity & Technology	200KLD Technology-MBBR	250KLD Technology-MBBR
25.	Solid Waste generation	976 Kg/day	1204.15 kg/day

8. Salient Features of Project

S.no	Item	Details
1.	Water Requirement	Fresh water-111 KLD Flushing-45 KLD Horticulture-17KLD Total-173 KLD
2.	STP Capacity & Technology	250KLD

		Technology-MBBR
3.	Solid Waste generation	1204.15 kg/day
4.	Power Back UP/DG Details	DG 1x1500KVA + 1x1010KVA +1x500KVA
5	Power Requirement & Source	2957 KVA Source-UPPCL
7	Number of Rain Harvesting Pits	07
8.	Population Details	Residential-1265 (253x5=1265) Visitor-3086 (Residential+Commercial) Staff -435 Total-4786
9.	Green/Lanscape Area	2823.97 m^2
11	Parking Details	661 ECS
10.	Total Built Up Area	77,777.71 m^2

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

RESOLUTION AGAINST AGENDA NO-13

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and All the activities proposed by the PP or prescribed by the EAC/SEAC are required to be the part of EMP as per OM 22-65/2017-IA.III dated 30.09.2020. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.

12. 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.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. 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.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
19. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
20. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
28. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green

area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

29. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
30. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
31. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
32. All the internal drains are to be covered till the disposal point.
33. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
34. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

14. Manufacturing Unit of Water Purifier & Other Healthcare Products at Plot No.- 003, Sector- 155, Noida, District- Gautam Buddh Nagar, U.P., File No.- 5817 SIA/UP/MIS/172061/2020

The committee noted that the matter was earlier discussed in 493rd SEAC, U.P. meeting dated 23.09.2020. and directed the project proponent to submit following information:

1. Revised CER Details.
2. Plan for minimum 15% landscape area for soft green should be provided.

The project proponent submitted their replies vide letter dated 30/09/2020. Hence, the matter was listed in 500th SEAC meeting dated 08/10/2020. A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Proposed Manufacturing Unit of Water Purifier, Kitchen Appliances & Other Healthcare Appliances etc. at Plot No. 003 Sector - 159, Noida, Uttar Pradesh by M/S Kent RO Systems Ltd.
2. The proposed Project having the plot area of 23,000.68 square meter and Built-up Area will be 24781 square meter.
3. The proposed project having a 01 No. of building block comprises of Max. No. of floors G+2.
4. Salient features of the project:-

SN	Description	Particulars	Unit
GENERAL			
1	Plot Area	23000.68	SQM
2	Proposed Built Up Area	24781	SQM
3	Number of Building Blocks	1	NOS
4	Max Height of Building	14.85	M
5	Max No of Floors	G+2	NOS
6	Cost of Project	40	CR
7	Expected Population	675	PERSONS
8	Permissible Ground Coverage Area (55%)	12650	SQM
9	Proposed Ground Coverage Area (54.5%)	12528.62	SQM
10	Permissible FAR Area (100)	23000.00	SQM

11	Proposed FAR Area (100)	23000.00	SQM
12	Non FAR, & Other areas	1781.47	SQM
13	Proposed Built Up Area	24781	SQM
WATER			
14	Total Water Requirement	38	KLD
15	Fresh water requirement	10	KLD
16	Waste water Generation	28	KLD
17	Proposed STP Capacity	30	KLD
18	Treated Water Available for Reuse	22	KLD
19	Recycled Water	28	KLD
20	Additional treated water required	6	KLD
RAIN WATER HARVESTING			
21	Rain Water Harvesting Potential	198.94	CUM
22	No of RWH of Pits Proposed	5	NOS
PARKING			
23	Total Parking required	230	SQM
24	Total Proposed Parking	237	SQM
25	Proposed Surface	237	SQM
GREEN AREAS			
27	Total proposed Green area 20% (15% soft + 5% Hard Green)	4600.13	SQM
28	Proposed green area (15% of plot area)	3450.2	SQM
WASTE GENERATION			
29	Municipal Solid Waste Generation	0.20	TPD
30	Bio Degradable waste	0.12	TPD
31	Quantity of Sludge Generated from STP	8.55	KG/DAY
POWER			
32	Total Power Requirement	400	KW
33	DG set backup	725	KVA

6. Area details of the project

S. No.	Particulars	Area (m^2)
1	Total Plot area	23000.68 m^2
2	Permissible F.A.R.	23000 m^2
3	Proposed F.A.R Area	23000 m^2
4	Other Non F.A.R Area	1781.47 m^2
5	Total Built- Up Area	24781 m^2
6	Total proposed Green area 20% (15% soft + 5% Hard Green)	4600.13 m^2
7	Landscape Area @15 % of Plot Area	3450.2 m^2
8	Maximum Height of the Building	14.85 M

7. Water requirement details

	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN KL
NON RESIDENTIAL (Working)			
DOMESTIC	645	15	10
FLUSHING	645	30	19
VISITORS			
DOMESTIC	30	5	0.15

FLUSHING	30	10	0.30
TOTAL POPULATION	675		
	Area in sqm		
GARDENING	3450.2	1	3
	KVA		
D G COOLING	725	0.9	5.2
TOTAL WATER REQUIREMENT			**38**

8. Waste water details

Domestic water requirement	30 KLD
Total Fresh water requirement	10 KLD
Flushing	20 KLD
Waste water generated (@ 80% fresh domestic water + 100% flushing)	08 + 20 = 28 say 27.42 KLD
STP capacity	30 KLD

9. Solid waste/other waste Details

Waste Category	**Quantity**	**Unit**
Total Waste Generation	0.20	TPD
Organic Waste Generation	0.12	TPD
Sludge Generation	8.55	kg/Day

10. The project proposal falls under category – 8(a) as per the MoEF&CC notification dated 14/09/2006 (as amended)

RESOLUTION AGAINST AGENDA NO-14

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and All the activities proposed by the PP or prescribed by the EAC/SEAC are required to be the part of EMP as per OM 22-65/2017-IA.III dated 30.09.2020. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.

7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. 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.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. 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.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
19. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
20. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.

25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
28. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
29. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
30. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
31. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
32. All the internal drains are to be covered till the disposal point.
33. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
34. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

15. Group Housing Project located at Plot No.-GH-7A, Koyal Enclave, Ghazaibad, U.P., M/s Oxirich Developers & Promoters PvT. Ltd. File No.- 3993SIA/UP/MIS/ 72257/2018

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

1. The environmental clearance is sought for proposed expansion and modernization of Group Housing Project located at Plot No. - GH- 7A, Koyal Enclave, Ghaziabad, U.P., M/s. Oxirich Developers & Promoters Pvt. Ltd.
2. Environmental Clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 340/ Parya/ SEAC/ 3496/ 2015 dated 04.01.2017.
3. Comparative details of existing and proposed expansion of the project:

S. No.	Particulars	Existing	Proposed Expansion/ changes	Total
1.	Total Plot area	6,441.76 sq. m.	-	6,441.76 sq. m.
2.	Built up area	24,365.72 sq. m.	2,312.66 sq. m.	26,678.38 sq. m
3.	Green Area	928.35 sq. m (14.41 %)	66.22 sq.m	994.57 sq. m (15.43 %)
4.	Dwelling units details	212 nos.	18 nos.	230 nos. of dwelling

				units
5.	Other Facilities	Commercial Area- 150 sq. m	Commercial Area (-16.6 sq. m.)	Commercial Area (133.4 sq. m.)
6.	No of floors	Basement + Ground +13 Floors	-4 floors	Basement + Ground + 9 Floors
7.	Maximum Height (Up to terrace level)	46.820 m	-18.19 m	28.63 m.
8.	STP Capacity	150 KLD		150 KLD
9.	RWH pits	2 nos.	No change	2 nos.
10.	Power demand	847.10 KW	28.70 KW	875.80 KW
11.	Back up source	2 DG set of Cumulative capacity : 325 kVA [1 x 200 kVA ; 1 x 125 kVA]	**Change:** 2 DG set of Cumulative capacity : 340 kVA [1 x 140 kVA ; 1 x 200 kVA]	Changed capacity: 2 DG set of Cumulative capacity : 340 kVA [140 kVA: 1 no.; 200 kVA: 1 no.]
12.	Water requirement	Total: 94 KLD Fresh: 68 KLD Recycled: 26 KLD	Total: 35 KLD Fresh: 17 KLD Recycled: 18 KLD	Total: 129 KLD Fresh: 85 KLD Recycled: 44 KLD
13.	Category & Schedule as per EIA Notification, 2006	8 (a)	No change	8 (a)

4. Area details of the project

S. No.	**Particulars**	**Existing**	**Proposed Expansion/ changes**	**Total / Net**
1.	Total Plot area	6,441.76 sq. m.	-	6,441.76 sq. m.
2.	Permissible Ground coverage	40 % (2576.70 sq. m)	No change	40 % (2576.70 sq. m)
3.	Proposed ground coverage	27.94 % (1,800.00 sq. m.)	3.15% (203.22 sq. m.)	31.09 % (2003.22 sq. m.)
4.	Green Area	928.35 sq. m. (14.41 %)	66.22 sq. m. (1.02%)	994.57 sq. m. (15.43 %)
5.	Paved area	3713.41 sq. m. (57.64%)	(-) 269.44 sq. m. (4.18%)	3443.97 (53.46%)
6.	Permissible FAR	2.50 (16,104.40 sq. m.)	No change	2.50 (16,104.40 sq. m.)
a.	Residential			
b.	Commercial			
7.	Achieved FAR Area (including purchasable)	16,092.42 sq. m.		18,091.78 sq. m.
a.	Residential	2.47 (15,942.43 sq. m.)	0.31 (+)2019.62 sq. m.	2.78 (17,958.38 sq. m.)
b.	Commercial	0.02 (150.00 sq. m.)	0.02 {(-)-16.6 sq. m}	0.02 {133.4 sq. m.}
8.	Non- FAR Area	8273.29 sq. m.	313.31 sq. m.	8,586.6 sq. m
9.	Built up area	24,365.72 sq. m.	2,312.66 sq. m.	26,678.38 sq. m.

5. Parking details:

S. No	**Particulars**	**Provided E.C.U**
1.	**Required Parking**	**273**

a.	Residential	270
b.	Commercial	3
2.	**Provided Parking**	**273**
a.	Ground Normal Parking	7
b.	Ground Mechanical Parking (3-Stack)	30
c.	Ground Mechanical Parking (2-Stack)	98
d.	Basement Mechanical Parking (2-Stack)	138

6. Water Supply:

S. No.	Particulars	Population	Fresh water demand	Treated water demand	Total water demand
1.	Residential	1246	@65 LPCD: 81 KLD	@21 LPCD: 26 KLD	107 KLD
	Visitors	185	@5 LPCD: 1 KLD	@10 LPCD: 2 KLD	3 KLD
2.	Commercial		2.0 KLD	3.0 KLD	5.0 KLD
	Fixed	*40*	*@25 LPCD: 1.0 KLD*	*@20 LPCD: 1.0 KLD*	*2.0 KLD*
	Floating	*200*	*@5 LPCD: 1.0 KLD*	*@10 LPCD: 2.0 KLD*	*3.0 KLD*
4.	Staff	50	@25 LPCD: 1.0 KLD	@20 LPCD: 1.0 KLD	2 KLD
5.	Landscaping & General washing			12 KLD	12 KLD
	Total		**85 KLD**	**44 KLD**	**129 KLD**

7. Waste water details:

S. No.	Particulars	Details
1.	**Total water requirement**	**129 KLD**
a.	Total fresh water requirement	85 KLD
b.	Flushing	32 KLD
c.	Landscaping	12 KLD
4.	Waste water generated	100 KLD
5.	STP Capacity	150 KLD
6.	STP Technology	MBBR Technology
7.	Surplus treated water	Surplus treated water will be discharged to the sewer/nearby construction activities
8.	Source of water supply	The water supply, sewerage, drainage lines will be provided by Ghaziabad Development Authority

8. Solid Waste generation:

1.	Total solid waste generation	728 kg/day

2.	Composition	**As under:**

S. no	Particulars	Quantity (kg/day)	% Percentage
	Biodegradable	345	47.43
	Paper	59	8.12
	Plastic/rubber	67	9.22
	Metal	4	0.50
	Glass	8	1.01
	Rags	33	4.49
	Other	29	4.02
	Inerts	183	25.16
	TOTAL	**728 kg/day**	

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

RESOLUTION AGAINST AGENDA NO-15

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Due to unavoidable circumstance and covid-19 pandemic, the authority are unable to visit the site therefore, it is not possible to make available the latest certified compliance report. **In view of this the committee decided that the certified compliance report should be submitted within 06 months. Failing which EC will be deemed to be cancelled.**
2. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and All the activities proposed by the PP or prescribed by the EAC/SEAC are required to be the part of EMP as per OM 22-65/2017-IA.III dated 30.09.2020. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
3. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
4. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
5. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
6. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
7. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
8. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
9. "Consent for Establishment" shall be obtained from UP Pollution Control Board.

10. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
11. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
12. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
13. 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.
14. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
15. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
16. 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.
17. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
18. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
19. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
20. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
21. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
22. No parking shall be allowed outside the project boundary.
23. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
24. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
25. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
26. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
27. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
28. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored

during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.

29. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
30. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
31. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
32. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
33. All the internal drains are to be covered till the disposal point.
34. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
35. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

16. Expansion of Group Housing at Khasra No.-527/4, 528, 549-554,556-559 Village-Kanawani, Indirapuram, District- Ghazaibad, U.P. M/s Niho Construction Ltd., File No.- 4347SIA/UP/NCP/ 22875/2018

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

1. The Environment Clearance for proposed expansion of Group Housing Project Khasra No.527/4, 528, 549-554, 556-559, Village –Kanawani, Indirapuram, Ghaziabad, UP. M/s. NIHO Construction Ltd under the violation of EIA Notification 2006, as per the MoEF&CC Notification dated 14.03.2017.
2. The proposed expansion of Group Housing Project the net plot area of 36,469.27sq.m and built-up area will be 1,39,151.20 sq. m. (Existing: 1,22,103.84 sq. m + Proposed: 17,047.36 sq.m.)
3. The project is a proposed expansion of Group Housing Project. The proposed expansion project comprises of Max. No. of floors Basement+Stilt+UG+13th floor
4. **Salient features of the project:**

S. No	Particulars	Details
	GENERAL	
3.	Total Plot area	43,028.00 sq. m.
4.	Surrendered area	6558.73 sq.m
5.	Net Plot area	36,469.27 sq. m.
6.	Built up Area	1,39,151.20 sq. m.
7.	Max Height	43.65 m
8.	Max number of floors	Basement+Stilt+UG+13th floor
9.	Expected Population	Fixed : 5570 + Floating :1295
10.	Total project cost	Rs.178.57 Crores.
11.	Project Facilities	1064 units A1- A8, C1 –C8, D1 –D3, E1, F1, G1, H1, M1, N1 :660 nos.

		O1-O4 : 176 nos. O1 (11th & 12th Floor), O2 (11th Floor & Community Centre) : 12 nos. O5-O6 : 216 nos.	
	AREAS		
12.	Permissible FAR	2.50 (91173.17 sq.m.)	
13.	Proposed FAR	2.93 (106822.52 sq.m.)	
14.	Non FAR area	32328.68 sq. m.	
15.	Built up Area	1,39,151.20 sq. m.	
	WATER		
16.	Total water requirement		**582 KLD**
17.	Fresh Water		**374 KLD**
18.	Recycled Water		**208 KLD**
19.	Waste water generation		427 KLD
20.	Proposed capacity of STP		450 KLD
21.	Treated Water Available for Reuse		377 KLD
22.	Treated Water Recycled		208 KLD
	RAIN WATER HARVESTING		
23.	Rain Water Harvesting - Recharge Pits		10 Nos.
	PARKING		
24.	Total Parking Required as / Building Bye Laws		1061 ECU
25.	Proposed Total Parking		1062 ECU
26.	Parking in basements		498 ECU
27.	Open parking (ground floor)		233 ECU
28.	Parking on stilt Floor		331 ECU
29.	Permissible Ground Coverage		14587.708 sq. m. (40 %)
	GREEN AREA		
30.	Proposed Green area		6435.75 sq. m. (17.65 %)
	WASTE		
31.	Total solid waste generation		2398 kg/day
	ENERGY		
32.	Total Power Requirement	Maximum demand : 6000 KW	
33.	DG Back up	500kVA :1 No. 750kVA : 2 nos.	
34.	Proposed Ground Coverage	12763.37 sq. m. (34.99 %)	

5. Area details of the project:

S. No	Particulars	Total
a.	Total Plot area	43,028.00 sq. m.
b.	Surrendered area	6558.73 sq. m.
c.	Net Plot area	36,469.27 sq. m.
d.	Built up Area	1,39,151.20 sq. m.
e.	Permissible Ground Coverage	14587.708 sq. m. (40 %)
f.	Proposed Ground Coverage	12763.37 sq. m. (34.99 %)
g.	Permissible FAR	2.50 (91173.17 sq.m.)
h.	Proposed FAR	2.93 (106822.52 sq.m.)
i.	Non FAR area	32328.68 sq. m.
j.	Green area	6435.75 sq. m. (17.65 %)

6. Water requirement details:

S. No.	Particulars	Population	Fresh water (KLD)	Treated water (KLD)	Total
1.	Residential	5280	@65 lpcd: 343 KLD	@21 lpcd: 111 KLD	454 KLD
2.	Commercial	292	@30lpcd: 9 KLD	@15 lpcd: 4 KLD	13 KLD
4.	Staff	500	@30lpcd: 15 KLD	@15lpcd: 8 KLD	23 KLD
5.	Visitors	795	@ 9lpcd: 7 KLD	@6lpcd: 5 KLD	12 KLD
6.	Landscaping & General washing			80 KLD	80 KLD
	Total		**374 KLD**	**208 KLD**	**582 KLD**

7. Waste Water details:

Total water requirement	582 KLD
Total fresh water requirement	374 KLD
Flushing	208 KLD
Waste water generated	427 KLD
STP Capacity	450 KLD

RESOLUTION AGAINST AGENDA NO- 16

The committee discussed the matter and recommended to issue the terms of reference (TOR) (under Violation category) for the preparation of EIA regarding the project as follows:

1. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
2. Allotment letter from concerned development authority.
3. All approved drawings/maps alongwith approved services plans.
4. 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.
5. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
6. Complete Gata/Khasra no. of the project alongwith soft and hard copy should be submitted in table format with proper calculation.
7. Physical features within 30 m of the project sites with their ownership.
8. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
9. Use of reflecting paints on roof top and side walls.
10. Details of rain water harvesting are to be given.
11. Provision of 100% solar lighting along the road site, stair cases, common places.
12. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
13. 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.
14. Water requirement and its management plan along with necessary permissions for discharge.
15. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
16. Hydro-geological investigations to be carried out and obtain permission from Central Ground

Water Authority for withdrawal of ground water.

17. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
18. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
19. Landscape plan, green belts and open spaces may be described separately.
20. 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.
21. 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 should be shown.
22. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
23. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
24. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
25. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
26. Identification of recyclable wastes and waste utilization arrangements may be made.
27. Explore possibility of generating biogas from biodegradable wastes.
28. 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.
29. Provisions made for safety in storage of materials, products and wastes may be described.
30. Disaster management plan should be prepared.
31. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
32. 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.
33. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
34. Provide service road for entry and exit to project site.
35. Use of local building materials should be described.
36. 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.
37. Work out MGLC for the combined capacity of DG sets.
38. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
39. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
40. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.

41. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
42. Required no of trees should be proposed @ 01 tree/80 m^2, submit plan.
43. 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.
44. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt 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.
45. 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.

General Guidelines:

a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:
   I. "There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent."
   II. "No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).
   III. "I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost."
   IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.
b. Another legal affidavit by the consultant stating "(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct", as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.
c. Current site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.

e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.
h. The EIA document shall be printed on both sides, as far as possible.

The Information's no (a I , II, III & c) asked under the general guidelines is to be submitted within 15 days from the date of receipt of the letter and remaining of the information's is to be submitted along with the EIA.

17. New 100 KLPD Molasses Based Distillery to 60 KLPD Molasses Based & 40 KLPD of Grain Basaed Distillery (No Change in sanctioned capacity) at Village-Tapri, Tehsil & District- Saharanpur, U.P., Shri Upendra Govind Rao, File No.-5894SIA/UP/IND2/174908/2020

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

1. The amendment in Environmental clearance is sought for Change in project configuration of molasses based distillery at Khasra No.- 10, 11, 13, 15, 16, 17, 18, 19, 30, 31, 32, 34, Village-Tapri, Tehsil & District: Saharanpur (U.P.) by M/s Co-Operative Company Limited.
2. Change in project configuration involves change from 100 KLPD Molasses based distillery with 3 MW Co-generation plant to 60 KLPD of Molasses based & 40 KLPD of Grain/Molasses based distillery, IMFL/ CL bottling (5500 MT/month), 3 MW Co-generation plant, CO2 recovery / packaging plant.
3. Salient features of the project:

S. No	Particulars	Details
1.	Name of the project	M/s Co-Operative Company Limited
2.	Capacity	Change in project configuration of 100 KLPD Molasses based distillery to 60 KLPD of Molasses based & 40 KLPD of Grain/Molasses based distillery (Rectified Spirit/Extra Neutral Alcohol/Ethanol)
3.	Power generation	3 MW (No change)
4.	Category	Category "B"; & Schedule 5(g) Distilleries
5.	Project Proponent	Mr. Upender Govind Rao Unit Head Address: Village-Tapri, Tehsil & District: Saharanpur (U.P.)

4. Other Details

<table>
<tr><td>S. No</td><td>Particulars</td><td>Details</td></tr>
<tr><td>1.</td><td>Project capacity</td><td>
<table>
<tr><th>Product</th><th>Capacity</th></tr>
<tr><td>Molasses based RS/ENA/Ethanol</td><td>60 KLD</td></tr>
<tr><td>Grain/Molasses based RS/ENA/Ethanol</td><td>40 KLD</td></tr>
<tr><td>IMFL/CL Bottling</td><td>5500 Ton per month</td></tr>
<tr><td>CO_2 recovery/packaging plant</td><td>78 TPD</td></tr>
<tr><td>Co-generation Power Plant</td><td>3 MW</td></tr>
</table>
</td></tr>
<tr><td>2.</td><td>Project Cost</td><td>Total Project Cost: Rs. 150.50 Crore
• Existing: Rs. 120.50 Crore
• Cost for change in project configuration: Rs. 30 Crores</td></tr>
<tr><td>3.</td><td>Total Plot Area</td><td>7.88 Ha</td></tr>
<tr><td>4.</td><td>Location of the industry</td><td>Khasra No.- 10, 11, 13, 15, 16, 17, 18, 19, 30, 31, 32, 34, Village-Tapri, Tehsil & District: Saharanpur (U.P.)</td></tr>
<tr><td>5.</td><td>Category of project</td><td>Category “B”; & Schedule 5(g) Distilleries</td></tr>
<tr><td>6.</td><td>Geo-coordinates</td><td>29.914609 N, 77.596492 E</td></tr>
<tr><td>7.</td><td>No. of working days</td><td>365</td></tr>
<tr><td>8.</td><td>Product</td><td>RS/ ENA/ Ethanol : 100 KLD
IMFL: 5500 MT/month
CO2 bottling: 78 TPD (By-product)</td></tr>
<tr><td>9.</td><td>Raw Materials requirement (In case of more than one product Raw material for each product should be specified)</td><td>
<table>
<tr><th>S. No.</th><th>Particular</th><th>Molasses based Distillery</th><th>Grain based Distillery</th><th>Source & Mode of Transportation</th></tr>
<tr><td>1</td><td>Molasses</td><td>240 TPD</td><td>0</td><td>Nearby Sugar Mills via Tankers</td></tr>
<tr><td>2</td><td>Grain</td><td>-</td><td>87 TPD</td><td>Nearby open markets in trucks via road</td></tr>
<tr><td>3</td><td>Yeast</td><td rowspan="2">As per requirement</td><td rowspan="2">As per requirement</td><td rowspan="2">Nearby open markets via road</td></tr>
<tr><td>4</td><td>Enzymes</td></tr>
</table>
</td></tr>
<tr><td>10.</td><td>Co-Gen Power generation</td><td>3 MW co-generation</td></tr>
<tr><td>11.</td><td>Water requirement</td><td>• Daily Fresh water demand (Distillery): 500 KLD
• Daily Recycled water demand: 960 KLD
• Daily Total water demand: 1460 KLD
<table>
<tr><th>Particular</th><th>Fresh</th><th>Treated</th><th>Total</th></tr>
<tr><td>Distillery process</td><td>500 KLD</td><td>960 KLD</td><td>1460</td></tr>
<tr><td>Domestic</td><td>28 KLD</td><td>11.50 KLD</td><td>39.50</td></tr>
<tr><td>Total</td><td>528 KLD</td><td>971.50</td><td>1499.50</td></tr>
</table>
</td></tr>
<tr><td>12.</td><td>Source of Water</td><td>• Groundwater (fresh water) & treated water from MEE, CPU & STP
• NOC from CGWA has been obtained. Application for renewal of NOC for ground water withdrawal is under process with CGWA.</td></tr>
<tr><td>13.</td><td>Waste water</td><td>• Spent Wash from Molasses based distillery: 600 TPD</td></tr>
</table>

<table>
<tr><td></td><td>generation</td><td>• Spent Wash from Grain based distillery: 295 TPD
• Domestic waste water: 12 KLD
Treated ETP water will be used for process, while the STP treated water will be use for landscaping.</td></tr>
<tr><td>14.</td><td>Treatment Technology</td><td>• Industry Effluent: concentration in MEE and utilization of concentrate in Incineration boiler as a fuel
• Other effluent treatment: MEE condensate, Blow downs of CT & Boiler, Floor washing etc. will be treated in CPU and treated water will be recycled back to process and cooling tower makeup water.
• Domestic Effluent: Domestic waste water will be treated in STP & treated water will be recycled for flushing & greenbelt development.</td></tr>
<tr><td>15.</td><td>Waste Water Discharge</td><td>Unit is based Zero Liquid discharge Industry (ZLD)</td></tr>
<tr><td>16.</td><td>Power requirement & source</td><td>Power demand: 2.4 MW
Source: Co-generation power plant & UPPCL
Back up source : DG Set 750 KVA *1 Nos</td></tr>
<tr><td>17.</td><td>Boiler</td><td>1 no. Boiler: 25 TPH
Technology : (Slop Fired incineration Boiler)</td></tr>
<tr><td>18.</td><td>Air Pollution Control devices</td><td>• ESP with Boiler
• Stack of adequate height:
• 65M. Stack for Boiler of 25 TPH
• 6m (+ height of building) Stack for D.G. Set of 750 KVA</td></tr>
<tr><td>19.</td><td>Solid & hazardous waste generation</td><td>
<table>
<tr><th>Source of SW generation</th><th></th><th>Quantity</th><th>Disposal Method</th></tr>
<tr><td colspan="2">Molasses based distillery</td><td>150 TPD of conc. Spent Wash (60 % w/w solids content)</td><td>Used in boiler blend with Coal/ rice husk</td></tr>
<tr><td colspan="2">Grain based distillery</td><td>16-17 TPD of DDGS</td><td>Sold as cattle feed</td></tr>
<tr><td rowspan="2">Boiler ash</td><td>Coal</td><td>32 TPD</td><td rowspan="2">Brick manufacturers</td></tr>
<tr><td>Rice Husk</td><td>37 TPD</td></tr>
<tr><td>Hazardous waste</td><td>Used oil machinery, D.G. Set</td><td></td><td>Sold to CPCB/ UPPCB authorized recyclers</td></tr>
</table>
</td></tr>
<tr><td>20.</td><td>Manpower</td><td>• Construction phase: 200 persons
• Operation phase: 300 persons</td></tr>
<tr><td>21.</td><td>Green Belt/Plantation</td><td>Greenbelt is being developed in 33% of the plant area with suitable plants species as per CPCB guidelines.</td></tr>
<tr><td>22.</td><td>Cost for EMP</td><td>Existing EMP Cost:
• Capital cost: 35 Crores
• Recurring cost: Rs. 3.5 Crores / annum
EMP Cost for change in project configuration
• Capital cost: 4.55
• Recurring cost: Rs. 0.28 Crores / annum</td></tr>
<tr><td>23.</td><td>Environment Management Plan along with</td><td>
<table>
<tr><th>S. No.</th><th>Pollution control system</th><th>Capital Cost (in Rs. Crore)</th><th>Recurring Cost (in Rs. Crore)</th></tr>
<tr><td>1.</td><td>Air Pollution control measures</td><td>0.2</td><td>0.03</td></tr>
</table>
</td></tr>
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	Budgetary breakup	**2.**	Online Continuous emission monitoring system	0.3	0.03	
		3.	Noise pollution control	0.05	0.02	
		4.	Water pollution control & Zero Effluent discharge	0.5	0.2	
		5.	CO_2 recovery & packaging plant	3.5	-	
		Total		**4.55**	**0.28**	
24.	CSR expenses	2% of total annual average Profit as per the CSR Act (By Ministry of corporate affairs) Notification GSR 129 (E).				

5. Land Use Details:

Particulars	**Total (sq. m.)**	**% of Area**
Plant Area	2364	3
Built-up (excluding plant area)	38612	49
Green Belt	26,004	33
Open area	4728	6
Roads & paved areas	7092	9
Total	**78,800**	**100**

6. The project proposal falls under Category "B" and Schedule - 5 (g) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-17

The committee discussed the matter and recommended to amend the environmental clearance letter no. J-11011/153/2015-IA.II(I) dated 03/04/2017.

18. Commercial Complex at Plot No.-LS-05, Sector-Gamma-1, Greater Noida. Mr Narendra Kumar., M/s Vardhman Infrabuild PvT. Ltd., File No.- SIA/UP/MIS/177732/2020

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

1. The Environmental clearance is sought for Commercial Complex Project at Plot No. LS-05, Sector Gamma-1, Greater Noida, Uttar Pradesh by M/s Vardhman Infrabuild Pvt. Ltd.
2. Area details of the project:

S. No.	Particulars	Area (in m^2)
1.	Total Plot area	6,758
2.	Permissible Ground Coverage (@40% of the total plot area)	2,703.20
3.	Proposed Ground Coverage (@39.78% of the total plot area)	2,688.239
4.	Permissible FAR (@2.00 of the total plot area)	13,516.00

5.	Proposed FAR (@1.99 of the total plot area) • Lower Ground Floor • Upper Ground Floor • First Floor • Second Floor • Third Floor • Fourth Floor	13,515.480 2,578.284 2,338.960 2,338.960 2,338.960 2,240.014 1,680.302
6.	Permissible Ancillary Area (@ 15% of the FAR)	2,027.400
7.	Proposed Ancillary Area (@13.244% of the FAR) • Lower Ground Floor • Upper Ground Floor • First Floor • Second Floor • Third Floor • Fourth Floor • Mumty & Machine Room • LT Panel & STP • Panel Room & U.G. Water Tank	1,789.948 109.955 109.790 109.790 109.790 176.962 216.635 184.286 342.211 430.529
8.	Total NON-FAR Area • Second Basement Floor • First Basement Floor • Lower Ground Floor • Upper Ground Floor • First Floor • Second Floor • Third Floor • Fourth Floor	11,082.69 4,163.296 4,343.076 1,315.325 239.489 239.489 239.489 271.263 271.263
9.	Total Built up area (5+7+8)	26,388.118
10.	Open Area	4,069.761
11.	Permissible Landscape Area (@25% of the Open Area)	1,017.440
12.	Proposed Landscape Area (@26.66% of Open Area)	1,085
13.	Maximum height of the building (m)	23.25

3. Salient features of the project:

DESCRIPTION	DETAILS
Plot Area	6,758 m2 (1.67 acres)
Built-Up Area	26,388.118 m^2
Population	4597 persons
Total Water requirement	175 KLD
Domestic Water requirement	122 KLD
Fresh Water Requirement	71 KLD
Solid Waste	750 kg/day
Electrical load	1282.96 kVA; Source: State Electricity Board
DG set	2 DG sets of total capacity 1,625 kVA (1x625 + 1x1000 kVA)
RWH structures	2 Pits
Parking Required	270 ECS as per MoEFCC

Parking Proposed	271 ECS
Project Cost	INR 120 Crores

4. Population breakup details:

S. No.	Unit Type	Area (m^2)	PPU/ Person/m^2 FAR	Total Population
A.	**Lower Ground Floor**			
	Retail	2,578.284	1 person/3 m^2	**859**
	• Staff	(@ 10% staff)		86
	• Visitors	(@ 90% visitors)		773
B.	**Upper Ground Floor**			
	Retail	2,338.96	1 Person/3 m^2	**780**
	• Staff	(@ 10% of staff)		78
	• Visitors	(@ 90% of visitors)		702
C.	**First Floor**			
	Retail	2,338.96	1 Person/6 m^2	**390**
	• Staff	(@ 10% of staff)		39
	• Visitors	(@ 90% of visitors)		351
D.	**Second Floor**			
	Retail	2,338.96	1 Person/6 m^2	**390**
	• Staff	(@ 10% of staff)		39
	• Visitors	(@ 90% of visitors)		351
E.	**Third Floor**			
	Food Court	2,240.014	1 Person/1.8 m^2	**1,244**
	• Staff	(@ 10% of staff)		124
	• Visitors	(@ 90% of visitors)		1120
F.	**Fourth Floor**			
	Food Court	1,680.302	1 Person/1.8 m^2	**934**
	• Staff	(@ 10% of staff)		93
	• Visitors	(@ 90% of visitors)		841
GRAND TOTAL (A+B+C+D+E+F)				**4,597**

5. Water Requirement details:

S. No.	Description	Occupancy	Rate of water demand (lpcd)		Total Water Requirement (KLD)		
	Domestic Water		Fresh	Flushing	Fresh	Flushing	Total
A.	Retail Shops (Lower Ground to Second						

	Floor)						
	Staff	242	25	20	6.05	4.84	10.89
	Visitors	2,177	5	10	10.885	21.77	32.65
B.	Food Court (Third Floor & Fourth Floor)						
	Staff	217	25	20	5.425	4.34	9.765
	Visitors	1,961	25	10	49.025	19.61	68.635
					71.385 say 71 KLD	50.56 say 51 KLD	121.94 say 122 KLD
Total Domestic Water Demand = 122 KLD							
J.	Horticulture	1,085	3 l/sqm		3 KLD		
K.	HVAC	50 KLD					
Total Water Requirement = 175 KLD							

6. Waste Water details:

Domestic Water Requirement	**122 KLD**
• Fresh	71 KLD
• Flushing	51 KLD
Waste water generated [@80% fresh + 100% flushing]	56.8 + 51 = 107.8 say **108 KLD**
STP Capacity	**130 KL**

7. Solid waste generation details:

S. No.	Description	Occupancy	Waste Generated (kg/capita/day)	Waste Generated (kg/day)
1.	**Domestic Solid Waste**			
	• Staff	459	0.25	114.75
	• Visitors	4,138	0.15	620.7
2.	Horticultural Waste (0.268 acre)		@ 0.2 kg/acre/day	0.053

3.	STP Sludge		Sludge generated x 0 .35 x B.O.D difference/1000	14.72
Total Solid Waste Generation= 750.223 kg/day say 750 kg/day				

8. Total Parking Proposed = 271 ECS.
9. The project proposal falls under category 8 (a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-18

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. 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.
12. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
13. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation

with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).

14. 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.
15. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
16. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
17. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
18. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
19. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
20. No parking shall be allowed outside the project boundary.
21. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
22. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
23. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
24. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
25. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
26. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
27. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
28. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
29. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.

30. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
31. All the internal drains are to be covered till the disposal point.
32. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
33. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

(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**	**(Prof. S.K. Upadhyay,)** **Member**	**(Dr. (Prof.) S. N. Singh)** **Chairman**