Minutes of 485th SEAC Meeting Dated 19/08/2020

The 485th meeting of SEAC was held through video conferencing in view of the Corona Virus Disease (Covid-19) on 19/08/2020. Following members participated in the online meeting:

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

The Chairman welcomed the members to the 485th SEAC meeting which was conducted online.
The SEAC unanimously took following decisions on the agenda points discussed:

1. Group Housing Project at Plot No.-GH-06,Sector-22 D, District – G.B. Nagar, U.P., Yamuna Expressway (YEIDA). File No. 2361

The committee noted that the matter was discussed by the SEIAA in its 384th meeting dated 09/07/2020 and directed is as follows:

"SEIAA gone through the recommendation of SEAC to issue prior EC to the above project along with the general and specific conditions. SEIAA noted that SEAC has mentioned that project proponent has submitted application for revised Environmental Clearance for group housing project but has not clarified the details of revised plan along with the details of previous EC. The SEAC has mentioned that latest reply of the queries raised has been submitted by the project proponent vide letter dated 22.02.2020 but the same is not available in the file. Under the project details the total number of dwelling units is mentioned as 22402240 whereas the population is mentioned as 11200.Other details submitted also needs to be reviewed. Many documents submitted by project proponent are not readable. Hence, SEIAA opined that matter shall be referred back to SEAC for review/recommendations."

As per the direction of SEIAA, the matter was listed in 485th SEAC meeting dated 19/08/2020. The SEAC reviewed the case and found that the term "revised" mentioned in the minutes of SEAC meeting dated 22/06/2020 is typographical error. However, the project proponent has submitted their reply in the light of SEIAA meeting minutes dated 09/07/2020. The corrected version of the salient features of the project is as follows:

1. The environmental clearance is sought for Group Housing Project at Plot No-GH-06, Sector-22D, G.B. Nagar, U.P., M/s Yamuna Expressway Industrial Development Authority.
2. Salient feature of the project:

1.	Category of the Project	8 (b)
2.	Name and Location of the Project	Proposed Group Housing Project at GH -06, Sector 22 D,

		Yamuna Expressway Industrial Development Authority, Gautam Budh Nagar, Uttar Pradesh.
3.	Developers of the project	Yamuna Expressway Industrial Development Authority
4.	Coordinate of project site	Latitude: 28°18'37.31"N Longitude: 77°32'35.24" E
5.	Total Plot Area	70,705.9 Sq.m.
6.	Built-up Area (FAR + Non-FA R)	1,62,046 Sq.m
7.	No. of Dwelling Units Proposed	2240
8.	Total Population	15,733
9.	Total Water Consumption & Source	1148 KLD (Source: Municipal Water Supply)
10.	Total Freshwater Requirement	779 KLD
11.	STP Capacity & Technology	1110 KLD, Fluidized Bed Reactor (FBR)
12.	Power Requirement & Source	5,485.55kW (Source: Noida Power Company Limited (NPCL))
13.	Power Backup	7,010 KVA (4 x 1500 + 1 x 1010)
14.	Total Parking provided	1,670 ECS
15	Solid Waste Generated	6,027.8 kg / day
16.	No. of RW H Pits	15 pits

3. Detailed area statement:

S.No.	Particulars	Area in Sq.m.	Percentage
1	Total Plot Area	70,705.9	---
2	Permissible Ground Coverage	28,282.4	40% of p lot area
3	Proposed Ground Coverage Residential Ground coverage Commercial ground coverage Community ground coverage Nursery ground coverage	22,622.0 20,742.0 680.0 600.0 600.0	31.99% of plot area 91.6% of Proposed Ground coverage 3.0% of Proposed Ground coverage 2.6% of Proposed Ground coverage 2.6% of Proposed Ground coverage
4	Permissible FA R	212,118	300 % of Plot Area
5	Total Proposed FAR @2.01	1,42,296	201.2 % of Plot area
	Proposed FAR of 1BHK Block-A	59,418.2	41.7 % of Proposed FAR
	Proposed FAR of 2BHK Block	74,227.6	52.1% 0f Proposed FAR
	FAR of Commercial	3,400	2.38% 0f Proposed FAR
	FAR of Nursery school	2,250	1.58% 0f Proposed FAR
	FAR of Community Centre	3,000	2.1% 0f Proposed FAR
6	Total Stilt area	19,750.00	27.9 % of Plot area
7	Open area	48,084.00	60% of Plot area
8	Required Green area 50 % of open area	24,041.94	34% 0f Plot area
9	Proposed Green area52.49 % of open area	25,239.90	35.6% of Plot area
10	Built up area	1,62,046.00	----

4. Water requirement details:

Description	Population	Unit water consumption (ltrs.)	Total water required (KLD)	water requirement for domestic use (KLD)	Flushing/ Recycled water (KLD)
Main Dwelling units	11,200	86	963.20	728.00	235.20
Commercial Population	850	45	38.25	12.75	25.50
Community Centre	2,000	15	30.00	12.00	18.00
Nursery School	563	45	25.33	8.44	16.89
Floating Population	1,120	15	16.80	6.72	10.08
Horticulture		1	25.23	---	---
DG Coo ling		0.9l/ KVA/6 hrs	37.85	---	---
Fire fighting		1 % of total water requirement	11.36	---	---

Total		….	1,148.03	767.91	305.67
			say 1,148	say 768	say 306

5. Landscape Calculation:	
Total Plot area	70,705.9m^2
Open Area (60% of plot area)	48,048.0 m^2
Landscape are required@ 50% of open area	24,041.94 m^2
Landscape are provided@ 52.49% of open area	25,239.90 m^2
Green Belt @16% of plot area(44.82% of Landscape area)	11,312.944 m^2
Green lawn Area @ 19.69% of p lot Area (55.18% of landscape Area)	13,926.956 m^2
Number of trees required @ 1 t ree per 80 Sq. m of plot area	=70,705.9/ 80 =884

6. Solid waste generation details:

S. No.	Category of Solid Waste	Waste Generation Rate	Formula	Total Population	Waste Generated
1	Residential Refuse (Residents+ Visitors)	0.3to0.6kg/cap/day	Total Population*0.45	12,320	5544
2	Institutional Refuse	0.05to0.2kg/cap/day	Total Population*0.1	563	56.3
3	Commercial Refuse	0.1to0.2 kg/cap/day	Total Population*0.15	2,850	427.5
	Total				6,027.8 kg/day

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

RESOLUTION AGAINST AGENDA NO-01

After in depth discussion, the committee found that the reply submitted by the project proponent is satisfactory and the committee again recommended to grant the environmental clearance as per above project proposal along with general and specific conditions stipulated by the SEAC in its 472nd SEAC meeting dated 22/06/2020.

2. Residential Township at Village-Gopal Khera, Purseni, Tehsil- Mohan Lalganj, District-Lucknow, U.P., M/s Omega Infrabuild Pvt. Ltd. File No. 5530/Proposal No. SIA/UP/MIS/143078/2020

The committee noted that the matter was earlier discussed in 479th SEAC meeting dated 27/07/2020 and directed is as follows:

> "The committee observed that the PP/consultant has not submitted any document in the official file/circulation. Hence, the committee directed to defer the matter from the agenda and will be discussed only after submission of online information/request on prescribed portal."

The project proponent submitted their replies vide letter dated 30/07/2020. 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 Residential Township at Village-Gopal Khera, Purseni, Tehsil-Mohan Lalganj, District- Lucknow, U.P., M/s Omega Infrabuild Pvt. Ltd.
2. The total plot area of project site is 1,01, 175.00 m^3 and the Built-up area is 1,03,976.96 m^3.
3. Salient features of the project:

S. No.	Particulars	Details
1.	Water Demand and Source	Fresh Water Consumption 435 KLD from ground water through bore wells. Treated water will be utilized from STP The permission shall be obtained from CGWB.
2.	Waste Water	Quantity of wastewater (525 KLD) likely to be generated from the proposed project will be treated through sewage treatment plant (600 KLD) and the treated water will be used for green belt development, toilet flushing.
3.	STP Capacity	600 KLD
4.	Power Demand	2500 KVA through UPPCL
5.	Backup Power	25 kVA DG Set for Club only
6.	Solid Waste Generation and Management	2500 Kg/day 1250 Kg/day – Organic Waste. Biodegradable waste will be sent to composting site within premises. 600 Kg/day ready manure will be utilized in to gardening and horticultural purpose. 1250 Kg/day – Non-biodegradable Waste. 30% will be recyclable and 20% will be inert waste
7.	Rain Water Harvesting	Rain Water Recharge Pits and Ponds shall be developed.
8.	Water level	12 mgbl
9.	Green Belt and Horticultural development	Total landscape area of the proposed project will be 27962 sqm i.e. 27% of the project land. Out of 27962 m^3, 15223.30 m^3 land is dedicated for Park and Green area development rest of land is lies in peripheral green land development. List of species proposed for green belt developments are Scholar Tree, Kaner, Gulmohar, Neem, Ashoka, Jarcanda, kadamba, Chitwan, Champa, Chameli etc.
10.	Parking Facilities	Individual Parking

4. Land use details:

S. No.	Land Use	Permissible % of total area	Achieved % of total area	Area (sqm)
1	Residential			
a	Row Houses		44.66%	45187.72
b	Group Housing		3.57%	3610.03
	Total	50%	48.23%	48797.75
2	Commercial	10%	2.08%	2103.75
3	P/PS	10%	10.02%	10134.28
4	Roads	15%	24.67%	24961.96
5	Green Area (Parks)	15%	15.00%	15223.30
	Total		100%	101175.00

5. Water requirement details:

Description	unit/area (Sq. m.)	Occupancy (@ 5/unit)	Fresh Water (KLD)	Recycled water (KLD)	Total Water Requirement (KLD)
Residential		4730	425.7	212.9	638.6
Staff	5% of population	473	2.4	4.7	7.1
Visitors	10%of population	237	7.1	3.5	10.6
Green area	27962 sqm	3 l/sqm		84	84
Total			435.2	305.1	740.3

6. The project proposal falls under category – 8(a) as per the MoEF&CC notification dated 14/09/2006 (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. 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. Organic waste convertor should be installed.
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. 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 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.
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.

3. "Light House" at Plot No.-1B, and 5/GH-04, Avadh Vihar, District-Lucknow,U.P., M/s JAM Sustainable Housing LLP. File No. 5687/Proposal No. SIA/UP/MIS/156209/2020

A presentation was made by the project proponent along with their consultant M/s Amaltas Enviro Industrial Consultants LLP. The committee discussed the matter and directed the project proponent to submit following information:

1. Plan for energy conservation.
2. Total list of flora.
3. Revised CER.

The matter shall be discussed after submission of online information of prescribed portal.

4. "Durga Industrial Park" at Khasra No.- 1/2m, 2 to 24,25/m, 26 m, 27 m, 28, 29, 30/m, 31/m, 37m, 38m, 39m, 40m, 41 m, Jhandapur, Ghaziabad and Khasra No.-4974/1m, Pasonda Ghaziabad & Khasra No.- 448/m, 450/m, 451, 452/1, 453/1, 454, 455/2m, 455/3m, 457, 458m, 460m, 463m, 465/1m, 466m, 467m, & 468/2m, Jagola,Ghaziabad, U.P., M/s Durga Enterprises Pvt. Ltd. File No. 5746/Proposal No. SIA/UP/NCP/55343/2020

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

1. The environmental clearance is sought for "Durga Industrial Park" at Khasra No.- 1/2m, 2 to 24,25/m, 26 m, 27 m, 28, 29, 30/m, 31/m, 37m, 38m, 39m, 40m, 41 m, Jhandapur, Ghaziabad and Khasra No.-4974/1m, Pasonda Ghaziabad & Khasra No.- 448/m, 450/m, 451, 452/1, 453/1, 454, 455/2m, 455/3m, 457, 458m, 460m, 463m, 465/1m, 466m, 467m, & 468/2m, Jagola,Ghaziabad, U.P., M/s Durga Enterprises Pvt. Ltd.
2. Salient features of the project:

S. N.	DESCRIPTION	PROPOSED
1.	Total Plot Area	2,02,259.01 (49.97 acres)
2.	Net Plot Area	1,95,885.18 (48.40 acres)
3.	Built-up Area	1,81,763.576 m2
4.	Green Area	19,588.72 m2 @10% of net total plot area
5.	Estimated Water Requirement with source Construction Phase Operational Phase	2544.69 KL from near by CSTP Total Water requirement:- 600 KLD Freshwater= 349 KLD through Municipal Supply Recycled water = 362 KLD (In-House CSTP)
6.	Estimated wastewater generation and treatment	452 KLD (STP with capacity of 550 KLD based on MBBR)
7.	Power Demand and Source Power Back-up	11,520kVA Paschimanchal Vidyut Vitran Nigam Ltd. 1 no. of D.G Sets capacity of 125 kVA)
8.	Solid Waste Generation	4387 kg/day
9.	Total No. Plots	366 plots
10.	RWH Pits	381 pits
11.	Project Cost	25 Crore
12.	Project Completion Date	December, 2025

3. Area details of the project:

S. No.	Description of Area	Area (m^2)	Area (Acre)
1.	Plot Area	2,02,259.01	49.97
2.	Area in Road Widening	6,373.83	1.57
3.	Net Plot Area (1-2)	1,95,885.18	48.40
4.	Area of Industrial Plots	1,21,877.88	30.11
5.	Area for Internal Roads	53,182.97	13.14
6.	Proposed Plot F.A.R. Area	180261.44	--
7.	Facilities Area Creche = 500.31 Canteen = 241.82 STP Area Phase-I & II = 760	1502.136	--
8.	Total Built-up Area (7+8)	181763.576	--
9.	Required Green Area (10% of Net Plot Area)	19,588.52	4.84
10.	Proposed Green Area	19,588.72	4.84
11.	Total No. of Industrial Plots	366 number of Plots	

4. Water calculation details:

S. No.	Description	Occupancy	Rate of Water Demand (lpcd)	Total Water Requirement (KLD)
1.	Staff	16447	30	493.41

2.	Visitors	1827	15	27.405
Total Domestic Water Demand				520.815 say 521 KLD
3.	Horticulture	19,589.38	4 l/m2/day	78.35say79 KLD
Total Water Requirement (1 + 2 + 3)				600 KLD

5. Waste water details:

Domestic Water requirements	521 KLD
Fresh water requirements (67% of Domestic Water)	349 KLD
Flushing water requirements (33% of Domestic Water)	172 KLD
Wastewater Generation(80% Fresh + 100 Flushing)	279.2 + 172 = 451.2 says 452 KLD
STP Capacity	550 KLD

6. Solid waste details:

S. No.	Category	Population/Area	Kg per capita per day	Waste Generated (kg/day)
1.	Staff	16447	@0.25 kg/day	4111.75
2.	Visitors	1827	@0.15 kg/day	274.05
Total Domestic Waste Generated				4385.8 say 4386 Kg/Day
3.	Landscape Waste	4.84 acre	0.2 Kg/acre/day	0.968
Total Solid Waste Generated				4386.968say 4387 Kg/Day

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

RESOLUTION AGAINST AGENDA NO-04

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

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

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

Plan and Environmental Management Plan.

42. 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.
43. Required no of trees should be proposed @ 01 tree/80 m^2, submit plan.
44. 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.
45. 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.
46. 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.

5. Affordable Housing Project "Diya Green City" Under Pradhan Mantri Awas Yojna, located at Khasra No.- 630M & 632 ,Village- Khera Dehat, Tehsil- Dholana, District- Hapur,U.P., M/s Eureka Builders (P) Ltd. File No. 5752/Proposal No. SIA/UP/NCP/55352/2020

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

1. The environmental clearance is sought for Affordable Housing Project "Diya Green City" Under Pradhan Mantri Awas Yojna at Khasra No.- 630M & 632 ,Village- Khera Dehat, Tehsil- Dholana, District- Hapur,U.P., M/s Eureka Builders (P) Ltd.
2. Project involves development of 9 Blocks, namely Block A to I (B+S+12) , Commercial-1 (G+4), (Commercial-2) Commercial/ Multiplex (B+G+5) and Club (B+G+2) including dedicated building for community centre.
3. Salient features of the project:

S. No.	Description	Existing
1.	Plot Area	44,560.60 m^2
2.	Net Plot Area	43,137 m^2
3.	Built-up Area	1,79,936.33 m2
4.	Green Area	6,470.55 m2 @15% of net total plot area
5.	Estimated Water Requirement with source Construction Phase Operational Phase	2447.40 KL nearby CSTP Total Water requirement:- 668 KLD Freshwater= 403 KLD through Municipal Supply Recycled water = 439 KLD (In-House STP)
6.	Estimated wastewater generation and treatment	549 KLD (STP with capacity of 660 KLD based on MBBR)
7.	Power Demand and Source Power Back-up	10,706 kVA Paschimanchal Vidyut Vitran Nigam Ltd. 3 no. of D.G Sets with total capacity of 1,800 kVA (3x 600 kVA)
8.	Solid Waste Generation	5111 kg/day
9.	Parking Facilities Required Total Parking required Total Parking Proposed	Required :- 1462 ECS and visitor parking 146 ECS Provided:1465 ECS and visitor parking 146 ECS
10.	RWH Pits	9 pits
11.	Maximum Building Height	43.65 M
12.	Project Cost	360Crore
13	Project Completion Date	December, 2025

4. Area details of the project:

S. No.	Particulars	Total Area (Sqm)
1	Total Plot Area	44,560.60
2	Total Road Widening Area	1423.60
3	Net Plot Area	43,137
4	Total Permissible Ground Coverage for Project (@ 50% of Total Net Plot Area)	21,568.50

5	Total Proposed Ground Coverage a) Residential Ground Coverage = 12290.4 b) Commercial Ground Coverage = 4067.25	16357.65
6	Total Permissible F.A.R . @ 3.50 Permissible F.A.R. @ 2.50 = 1,07,842.50 Additional F.A.R @ 1.00 = 43,137.00	1,50,979.50
7	Total Proposed F.A.R Area @3.02 Total Residential F.A.R. Area = 1,09,234.81 Additional FAR for Block -I = 1088.47 Commercial 1 = 3268.21 Commercial 2/Multiplex F.A.R. = 16077.49 Community/Club F.A.R. Area = 850.50	1,30,519.48
8	Total Non F.A.R Area 1. Residential Non FAR area = 1964.64 2. Commercial Non FAR area = 504.06. 3. Stilt Area =12290.40 4. Basement Area = 30,841.95 5. Machine Room of Commercial Area = 65.70 6. KIOSK Area = 165 7. Services Area(Electric Sub-station, Guard room area) = 100 8. Garbage Collection Area = 180.00 9. Additional Non Far(5% non Far residential) = 3305.1	49,416.85
9	Total Built- Up Area (7+8)	1,79,936.33
10	Landscape Area (15 % of net plot area)	6470.55
11	Total No. of Units Proposed	1200
12	Height of the Tallest Building upto Mummty area	43.65 M

5. Water requirement details:

S. No.	Description	Occupancy	Rate of Water Demand (lpcd)	Total Water Requirement (KLD)
A	Domestic Water Requirement			
1.	Residential Population			
	General Flats	6000	86	516
	Maintenance Staff	300	30	9
	Visitors	600	15	9
2.	Commercial 1			
	Staff	110	30	3.3
	Visitors	546	15	8.19
	Commercial 2			
	Staff	631	30	18.93
	Visitors	4118	15	61.77
3.	Club			
	Staff	14	30	0.42
	Visitor	128	15	1.92
Total Domestic Water Demand				628.53say 629 KLD
B	Horticulture	6,470.55	6 $l/m^2/day$	38.82
Total Water Requirement (A + B)				667.82 say 668 KLD

6. Waste water details:

Domestic Water Requirement	629 KLD
Total Fresh Water	403 KLD
Flushing Water	226 KLD
Waste Water (80% Potable + 100% flushing)	322.4 + 226 = 548.4 KLD says 549 KLD
STP Capacity	660 KLD

7. Solid waste generation details:

S. No.	Description	Occupancy	Kg per capita per day	Waste Generated (kg/day)
A	Domestic Waste			
1.	Residential Population			
	General Flats Residents	11280	@0.5	3000
	Maintenance Staff	564	@0.25	134.75
	Visitors	1128	@0.15	161.7
2.	Commercial Area			
	Staff	55	@0.25	333.5
	Visitors	491	@0.15	1473.3
3.	Club			
	Staff	80	@0.25	1
	Visitors	618	@0.15	6.45
B	Landscape Waste	1.84 acre	0.2 Kg/acre/day	0.31
Total Solid Waste Generated				5111.01 say 5111 Kg/Day

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

RESOLUTION AGAINST AGENDA NO-05

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

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

18. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
19. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
20. Landscape plan, green belts and open spaces may be described separately.
21. 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.
22. 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.
23. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
24. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
25. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
26. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
27. Identification of recyclable wastes and waste utilization arrangements may be made.
28. Explore possibility of generating biogas from biodegradable wastes.
29. 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.
30. Provisions made for safety in storage of materials, products and wastes may be described.
31. Disaster management plan should be prepared.
32. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
33. 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.
34. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
35. Provide service road for entry and exit to project site.
36. Use of local building materials should be described.
37. 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.
38. Work out MGLC for the combined capacity of DG sets.
39. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
40. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
41. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
42. 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.
43. Required no of trees should be proposed @ 01 tree/80 m^2, submit plan.

44. 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.
45. 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.
46. 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.

6. Expansion of Group Housing Project "Gulmohar Garden" at Khasra No.-1131, 1133, 1139, 1143, 1144, Village- Noor Nagar, Pargana-Loni, District- Ghaziabad, U.P., M/s SVP Builders (I) Ltd. File No. 5753/Proposal No. SIA/UP/NCP/55350/2020

A presentation was made by the project proponent along with their consultant M/s Ambiental Global 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 "Gulmohar Garden" at Khasra No.-1131, 1133, 1139, 1143, 1144, Village- Noor Nagar,Pargana- Loni, District- Ghaziabad, U.P., M/s SVP Builders (I) Ltd.
2. Environmental Clearance for the erlier proposal was issued by SEIAA, U.P. vide letter 1942/Praya/SEAC/1194/2013/AD(VB), dated 12/10/2013 for plot area 82,019.96 m^2 (20.26 acres) and built up area 2,14,590 m^2.
3. Comparative details of existing and expansion project:

S. No.	Description	Existing	Expansion)	Total
1.	Plot Area	82,019.96 m^2	--	82,019.96 m^2
2.	Built-up Area	2,14,590 m^2	46,960.42 m^2	2,71,550.42 m^2
3.	Green Area	11,673.7 m^2	-4,225.67 m^2	7448.03 m^2
4.	Water Requirement Construction Phase Operational Phase	3,004 KLD, Source: Nearby CSTP 873 KLD, Source: Municipal water supply	657.50 KLD, Source: Nearby CSTP 217KLD, Source: Municipal water supply	3,661.50 KLD, Source: Nearby CSTP 1,090 KLD, Source: Municipal water supply
5.	Wastewater Generation and Treatment	714 KLD (2No. Of STP with capacity of 800 KLD based on SAFF Technology)	168 KLD, (1 No. of STP capacity with the capacity of 120 KLD based on MBBR)	882 KLD, (2No. Of STP with capacity of 800 KLD based on SAFF Technology and 1 No. of STP capacity with the capacity of 120 KLD based on MBBR)
6.	Power Demand Source Power Back-up	6,000 KW Ghaziabad Electricity Board DG Sets: 03, 1225 kVA (1X725 + 2 X 250)	551 KW Ghaziabad Electricity Board DG Sets: 02 375 kVA (1X125 + 1 X 250)	13,102 KW Ghaziabad Electricity Board DG Sets: 05, 1600 kVA (1X725 + 2 X 250 + 1X125 + 1X250)
7.	Solid Waste Generation	3,960 kg/day	2,191kg/day	61,51 kg/day
8.	Total Parking Proposed	1,744 ECS	789 ECS and 25 two Wheeler	2533 ECS for 4 wheelers and 25 for two Wheeler
9.	RWH Pits	-	-	10
10.	Maximum Building Height	60 M	54.70M	
11.	Project Cost	80 Crore	39 Crore	119 Crore
12.	Project Completion Date	December, 2019	December, 2025	December, 2025

4. Water requirement details:

S. No.	Description	Occupancy	Rate of Water Demand (lpcd)	Total Water Requirement (KLD)
A	Domestic Water Requirement			

1.	Residential Population			
	Group Housing	11,280	86	970.08
	Maintenance Staff	564	30	16.92
	Visitors	1,128	15	16.92
2.	Commercial			
	Staff	55	30	1.65
	Visitors	491	15	7.36
3.	Community/School			
	Staff	80	30	2.40
	Visitors	618	15	9.27
Total Domestic Water Demand				1,024.6 says 1,025 KLD
B	Horticulture	7,448.03	6 L/m^2/day	64.72
Total Water Requirement (A + B)				1,089.72say 1,090 KLD

5. Waste water details:

Total Domestic water Requirements	1,025 KLD
Total Fresh Water (70% of Domestic water Requirements)	718 KLD
Flushing Water (30% of Domestic water)	307 KLD
Waste Water (80% Potable + 100% flushing)	574.4+145 = 881.4 say 882 KLD
3 No. of STP Capacity (500 KLD+ 300 KLD +120 KLD)	920 KLD

6. Solid waste details:

S. No.	Description	Occupancy	Kg per capita per day	Waste Generated (kg/day)
A	Domestic Waste			
1.	Residential Population			
	Residents	11280	@0.5	5640
	Maintenance Staff	564	@0.25	141
	Visitors	1128	@0.15	169.2
2.	Commercial Area			
	Staff	55	@0.25	13.75
	Visitors	491	@0.15	73.65
3.	Community Building			
	Staff	80	@0.25	20
	Visitors	618	@0.15	92.7
B	Landscape Waste	1.84 acre	0.2 Kg/acre/day	0.36
Total Solid Waste Generated				6150.66 say 6151 Kg/Day

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

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and recommended to issue the terms of reference (TOR) 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.

7. Government Medical College at Khasra No.- 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 24, 27, 28, 30, 31, 32, 33, 34, 38, 39, 40, 41, 43, 46, 47, 48, 49, 50, 53, 54, 55, 56, 57, 58, 59, 60, 64, 65, 66, 67, 68, 69, 70, 71, 73, 74, 75, 76, 77, 78, 79, 80, at Village- Daulatpur, Tehsil & District- Firozabad, U.P. File No. 5741/Proposal No. SIA/UP/MIS/127977/2019

RESOLUTION AGAINST AGENDA NO-07

The committee noted that an application for environmental clearance for Government Medical College at Khasra No.- 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 24, 27, 28, 30, 31, 32, 33, 34, 38, 39, 40, 41, 43, 46, 47, 48, 49, 50, 53, 54, 55, 56, 57, 58, 59, 60, 64, 65, 66, 67, 68, 69, 70, 71, 73, 74, 75, 76, 77, 78, 79, 80, at Village- Daulatpur, Tehsil & District- Firozabad, U.P. was submitted to SEIAA on dated 27/07/2020. However, the project proponent vide letter dated 16/08/2020 have requested for exemption from the requirement of environmental clearance in light of provisions made in MoEF&CC, Govt. of India Notification No. S.O. 3252(E) dated 22/12/2014.

A presentation was made by the project proponent along with their consultant M/s Sawen Consultancy Pvt. Ltd. The committee went through the MoEF&CC, Govt. of India Notification dated 22/12/2014, wherein the following provisions have been mentioned:

> "The project or activities shall not include industrial shed, school, college, hostel for education institution but such building shall ensure sustainable environmental management, solid and liquid waste management, rain water harvesting and may use recycled materials such as fly ash bricks."

The committee observed that the project proposal relates to construction of Government Medical College which falls under category of school/college hence, provisions of exemption given under Notification dated 22/12/2014 shall be applicable in the matter and exemption from requirement of environmental clearance may be granted.

The committee also directed the project proponent to ensure sustainable environmental management, solid and liquid waste management, rain water harvesting and use of recycled materials such as fly ash bricks in the construction/operation of the project as stipulated under Notification, dated 22/12/2014 and regular compliance reports should be submitted.

8. Group Housing Project "Tirupati Paradise" at Arazi No.-581,Village-Mauza Dandupur, Shivpur, District-Varanasi., M/s Tirupati Builders & Developer. File No. 5743/Proposal No. SIA/UP/MIS/165924/2020

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

1. The environmental clearance is sought Group Housing Project "Tirupati Paradise" at Arazi No.-581,Village-Mauza Dandupur, Shivpur, District-Varanasi., M/s Tirupati Builders & Developer.
2. Salient features of the project:

Project Requirements	DETAILS		
Total Plot Area	11,170.60 m^2		
Are under Road Widening	190.26 m^2		
Total Proposed Net Plot Area	10980.34 m^2		
Permissible Green Area	1647.05 m^2		
Proposed Green Area@15.06%	1653.36 m^2		
Permissible Ground Coverage @ 40%	4392.13 m^2		
Proposed Ground Coverage @ 36.63%	4022.44 m^2		
Permissible F.A.R. @ 2.5	27450.85 m^2		
Proposed F.A.R. @2.29	25142.82 m^2 (+ 2607.35 m^2 LIG/EWS)= 27750.17 m^2		
Total Non F.A.R.	10234.98m^2		
Total Constructed Built up Area (F.A.R. + Non F.A.R.)	37985.15 m^2 (27750.17m^2 + 10234.98 m^2)		
No. of Towers	Housing	5 - Blocks	
	LIG/EWS	1 - Tower	
No. of Floors	Housing	B+S+12	
	LIG/EWS	S+7	
No. of Flats	Housing	360	
	EWS	72	
	432 flats + Club + Shop		
Building Height	Housing Blocks	38.86 m	
	LIG/EWS	23.86 m	
Parking Facilities	Parking Details	Area	ECS
Housing Blocks	Required Parking	21 ECS @ 12 floor 252 ECS + 10% Visitor	252 ECS Total 277 ECS (10% for Visitor)
	Basement Parking	5607.06 Sq.m. 5607.06/32	175 ECS
	Stilt Parking	3113.39 Sq.m. 2860/28	102 ECS
	2- Wheeler Parking	238 Sq.m./2 216sq.m. + 10% Visitors	119 (two-wheeler parking)
LIG/EWS (Stilt Parking)	EWS	2.0 sq.m. @36 72sq.m. + 10%=80 sq.m.	40 (two-wheeler parking)
	LIG	2.0sq.m. @30 60sq.m. + 10%=66 sq.m.	33 (two-wheeler parking)
Power Requirement and Source	Max. Demand : 2012 KW Transformers Capacity: 2.5 MVA		

	Transformer Capacity: Housing Blocks: 1800 KW LIG/EWS: 72KW Lift: 90 KW MISC Load: 50 KW (water pumps outer light parking light etc). Net kVA Required: 2012 KW SOURCE: UPPCL		
Power Backup	No. of DG Sets: 2 Nos. Capacity : 500KVA		
Stack Height of DG Set	6 meter above the roof top as per CPCB guidelines		
Water Requirement and Source	Total water Requirement		
	Fresh/Domestic Water Requirement	183.453 KLD	Net Domestic: 128.4171 KLD
			Flushing: 55.0359 KLD
	Waste Water Generation	157.7696 KLD	
	Treated water use from STP	126.2157 KLD	
	SOURCE: Bore Wells (2 Nos.)		
Sewage Treatment and Disposal	STP Design: Sewage generated during the operation phase will be collected through sewerage system (pipe drain) for treatment in tertiary level with FAB technology Proposed STP Capacity 250 KLD.		
	Discharge : Remaining treated water will be drained into Sewer line.		
Estimated Population	2109 (including 15 Service Staffs + 6 for Shops) + 211 floating)		
Solid Waste Generation	1102.032 kg/day		
Rain water harvesting pits	02 nos.		
Project Cost	Cost of Construction= 71.57 Crores as per VDA sanction letter		
Connectivity	Project site is located adjacent to the 21 m wide Bhojuvir -Sindhora Road, coming from Varanasi Ring Road, which is well connected to Babatpur Road (National Highway-56).		

3. Area details of the project:

Land Use Detail	% Land Use	Area (in m^2)	
Total Plot Area		11170.60 m^2	
Are under Road Widening		190.26 m^2	
Net Total Plot Area		10980.34 m^2	
Permissible Green Area		1647.05 m^2	
Proposed Green Area	15.06%	1653.36 m^2 (1097.30 + 126.48 + 429.58)	
		Housing	LIG/EWS
Permissible Ground Coverage	40%	4392.13 m^2	
Proposed Ground Coverage		3550.99	471.45
	36.63 %	4022.44 m^2	
Permissible FAR	@2.50	27450.85 m^2	
Proposed FAR	@2.29	25142.82	2607.35
		27750.17 m^2	
Proposed Non-FAR		9910.63	324.35
		10234.98 m^2	
Total Constructed Built-up Area (FAR + Non FAR)		25142.82+9910.63 = 35053.45	2607.35 + 324.35 =2931.70
		37985.15 m^2	
Area for Lift		45.20 m^2	4.29 m^2
Covered Area on Mummty, Machine Room		296.82 m^2	46.64 m^2
Max. Height of the Building		38.86 mt.	23.86mt.

No. of Floors		B+S+12	S+7
No. of Towers		1.0	
No. of Blocks		5.0	
No. of Dwelling Units		360	72
Total Population		1800 Persons (360*5)	288 Persons (72*4)

4. Land use details:

S.No.	Land Use Details	Area in m^2	Land Use %
1.	Net Plot Area	10980.34 m^2	100%
2.	Green Area	1653.36 m^2	15.06 %
3.	Ground Coverage	4022.44 m^2	36.63%
4.	Area Under Road	2986.80 m^2	27.20%
5.	STP, Garbage Area & Others	2317.74 m^2	21.11%

5. Water requirement details:

S. No.	Description	No of Flats	Population	Rate of water demand (lpcd	Total Water Requirement (KLD)
Domestic Water					
	Housing Blocks	360	1800	86	154.8
	EWS	72	288	86	24.768
	Shop	-	6	45	0.270
	Service Staffs	-	15	30	0.45
	Total		2109		
	Floating Population (@10% of total Population)			15	3.165
			211		
	Total Domestic Water Demand				183.453 KLD
1.	Total Fresh water = Fresh (@ 70% of domestic)				128.4171KLD
2.	Flushing (@ 30% of domestic)				55.0359 KLD
3.	Total Waste Water Generation (80% of Domestic Water & 100% of Flushing Water)				157.7696 KLD
4.	Total Water Reclaimed from STP (80% Efficiency)				126.2157 KLD
Collection of Sewage: Sewage generated during the operation phase will be collected through sewerage system (pipe drain) for treatment in tertiary level with FAB technology Proposed STP Capacity 250 KLD for Housing Blocks & EWS.					
Recycled Water Use From STP For Various Usages					
A.	Flushing	-		100%	55.0359 KLD
B.	Irrigation (Green Area)	1653.36 m^2		1L/sqm/day	1.653 KLD
C.	Plantation	110 Tress		5L/day	0.55 KLD
D.	Miscellaneous use (back wash, make up for water body, decorative fountain & general washing)	-	-	-	25 KLD
Recycled Water Use in the Proposed Project (A+B+C+D)					82.2389 KLD
Remaining treated water will be drained into adjacent Sewer line					43.98 KLD
Total Recycled Water from STP					126.2157 KLD
Total Water Requirement (Domestic Water Use + Recycled Water Use)					309.6687 KLD

6. The project proposal falls under category – 8(a) as per the MoEF&CC notification dated 14/09/2006 (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. 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. Organic waste convertor should be installed.
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. 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 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.
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. Industrial Building (Industrial electronics assembly & storage activity & commercial block) at Plot No.- 01, Sector-156, Noida, U.P., M/s Surbhi Tele-link Pvt. Ltd. File No. 5744/Proposal No. SIA/UP/MIS/165980/2020

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 Industrial Building (Industrial electronics assembly & storage activity & commercial block) at Plot No.- 01, Sector-156, Noida, U.P., M/s Surbhi Tele-link Pvt. Ltd.
2. The plot area is 20,000.5 m^2 whereas built-up area will be 96,029.685 m^2.
3. Expected population will be 11075 persons (10766 working staff & 309 floating population). Maximum no of floors is 2B+ST+21.
4. Salient features of the project:

Sl. No.	Description	Quantity	Unit
GENERAL			
1	Plot Area	20000.5	SQMT
2	Proposed Built Up Area	96029.685	SQMT
3	Max Height of Building Upto Terrace (Office Block)	86.05	M
4	Max No of Floors (Office Block)	B+ST+21	No.
5	Expected Population (10766 Working Population & 309 Visitors)	11075	No.
6	Cost of Project	167	CR
7	Project activity: Industrial block – Industrial electronics assembly & storage activity & commercial block – commercial offices.		
AREAS			
8	Permissible Ground Coverage Area (50%)	10000.25	SQMT
9	Proposed Ground Coverage Area (49.6%)	9921.521	SQMT
10	Permissible FAR Area 315 (300+5% for Green Rating)	63001.58	SQMT
11	Proposed FAR Area (311)	62282.46	SQMT
12	Non FAR areas - Total Basement Area	17078.07	SQMT
13	Non FAR areas - Stilt Area	8719.78	SQMT
14	Non FAR areas - Service area etc (except basement area)	7949.37	SQMT
15	Proposed Total Built Up Area	96029.69	SQMT
WATER			
16	Total Water Requirement	686.51	KLD
17	Fresh water requirement	270.68	KLD
18	Treated Water Requirement	415.83	KLD
19	Waste water Generation	462.01	KLD
20	Proposed Total Capacity of STP	550	KLD
21	Treated Water Available for Reuse	415.81	KLD
22	Treated Water Recycled	415.83	KLD
23	Discharge in Sewer	0	KLD
RAIN WATER HARVESTING			
24	Rain Water Harvesting Potential	4074.61	KL
25	No of RWH of Pits Proposed	5	No.
PARKING			
26	Total Parking Required as / Building Bye Laws	622.8	ECS
27	Proposed Total Parking	676	ECS
28	Stilt Parking	256	ECS
29	Parking in Basements	420	ECS
GREEN AREA			
30	Required Green Area (20.15% of plot area)	4031.591	SQMT
31	Proposed Green Area (23.8% of plot area)	4760	SQMT
WASTE			

32	Total Solid Waste Generation	2.20	TPD
33	Organic waste	0.89	TPD
34	Quantity of Hazardous waste Generation	4.22	LPD
35	Quantity of Sludge Generated from STP	32	KG/DAY
ENERGY			
36	Total Power Requirement	5428	KW
37	DG set backup	8000	KVA
38	No of DG Sets	6	No.

5. Water requirement details:

	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN kld
COMMERCIAL & INDUSTRIAL			
COMMERCIAL & INDUSTRIAL Employees in Regular shift			
DOMESTIC	6212	25	155.29
FLUSHING	6212	20	124.23
DOMESTIC	4554	25	113.84
FLUSHING	4554	20	91.08
VISITORS			
DOMESTIC	309	5	1.55
FLUSHING	309	10	3.09
TOTAL POPULATION	11076		
	Area in sqm		
GARDENING	4760	1	4.76
	TR	LTS/Hr	
AIR CONDITIONING (including extra shift)	2263	8.4	193
TOTAL WATER REQUIREMENT			687

- Estimated waste water Generation: 462 kld
- Treated water usage: 416 kld
- Proposed STP (Capacity): 550 kld

6. Parking details:

S. No.	Parking Details	Parking
1	Required Parking	622.8 ECS
2	Proposed Parking	676 ECS
3	Proposed Parking on Stilt	256 ECS
4	Basement Parking	420 ECS

7. Waste generation details:

Waste Category	Quantity	Unit
Total Waste Generation	2.20	TPD
Organic Waste Generation	0.89	TPD
Sludge Generation	32	kg/Day
Hazardous Waste Generation (DG Waste Oil)	4.22	Ltrs/ Day

8. The project proposal falls under category – 8(a) as per the MoEF&CC notification dated 14/09/2006 (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. 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. Organic waste convertor should be installed.
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. 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 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.
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.

10. Institutional Building at Plot No.-B-31 & B-32, Noida, District-Gautam Buddha Nagar, U.P., M/s Enpro Telecom Pvt. Ltd. File No. 5747/Proposal No. SIA/UP/MIS/166659/2020

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

1. The environmental clearance is sought for Institutional Building at Plot No.-B-31 & B-32, Noida, District-Gautam Buddha Nagar,U.P., M/s Enpro Telecom Pvt. Ltd.
2. The proposed project of Institutional Building having the plot area of 8,000 square meter and Builtup Area will be 35,395.999 square meter.
3. The proposed project having a tower comprises of 2B+1Stilt+1F to 3F +1SF+4F to 6F+2SF+7F to 8F.
4. Salient features of the project:

S.No.	Description	Proposed
1	Plot Area	8,000.00 m^2
2	Built-up Area	35,395.999 m^2

3	Green Area	1,473.536 m^2 (18.41% Total Plot Area)
4	Total Water Requirement	153 KLD
5	Fresh Water Requirement	21 KLD
6	Wastewater Generation	64 KLDWASTE WATER CALCULATION
7	Capacity of STP	80 KLD
8	Solid Waste Generation	385 kg/day
9	Parking Required & Provided	Required: 320 ECS Provided: 392 ECS
10	Power Demand & Source	1,782 KW Uttar Pradesh Power Corporation Limited (UPPCL)
11	Back up	2,670 kVA (2 × 1010 kVA + 1 × 650 kVA)
12	RWH Pits	3 pits
13	Project Cost	100 Crore
14	Expected Date of Completion	7 Years after the grant of EC

5. Area details of the project:

S. No.	Particulars	Area(m^2)
1.	Total Plot Area	8,000.00
2.	Permissible Ground Coverage (@ 30% of Plot Area)	2,400.00
3.	Proposed Ground Coverage (@ 29.90% of Plot Area)	2,392.634
4.	Permissible F.A.R. @ 2.0 of total plot area	16,000.00
5.	Proposed F.A.R Area	15,999.732
6.	Total Non F.A.R Area 1st Basement – 5,178.43 2nd Basement – 5,178.43 Stilt Floor – 1,921.303 Service Floor I – 2,359.069 Service Floor II – 2,359.069	16,996.301
7.	Service Area (Including Mumty & Guard Room)	2,399.966
8.	Total Built- Up Area (5+6+7)	35,395.999
9.	Landscape Area @18.41 % of Plot Area	1,473.536
10.	Maximum Height of the Building	52.5 m

6. Water requirement details:

S. No.	Description	Occupancy	Rate of water demand (lpcd)	Total Water Requirement(KLD)
A.	DOMESTIC WATER			
a) b)	Staff (@90%) Visitor (@10%)	1,440 160	@ 45 @ 15	64.8 2.40
TOTAL DOMESTIC WATER DEMAND				67.2 say 68 KLD
B.	HORTICULTURE	1,473.536 m^2	6 lt/sqm/day	8.84
C	HVAC COOLING (12 Hours)	900 TR	7lit/TR/hr	75.6
GRAND TOTAL				152.44 say 153 KLD

7. Waste water details:

Domestic Water Requirement	68 KLD
Total Fresh Water Requirement (@ 30 % of domestic)	21 KLD
Flushing (@ 70 % of domestic)	47 KLD
Wastewater Generated (@ 80% fresh domestic water + 100% flushing)	16.8 + 47 = 63.8 say 64 KLD
STP capacity	80 KLD

8. Solid waste details:

S. No.	Category	kg per capita per day	Waste generated (kg/day)
1.	Domestic Waste		
(a)	Staffs	1,440 @ 0.25 kg/day	360
(b)	Visitors	160 @ 0.15 kg/day	24

2.	Landscape waste	0.36 acres @ 0.2 kg/acre/day	0.072
	TOTAL SOLID WASTE GENERATED		384.072 kg/day say 385 kg/day

9. The project proposal falls under category – 8(a) as per the MoEF&CC notification dated 14/09/2006 (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. 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. Organic waste convertor should be installed.
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. 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 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.
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.

11. Affordable Housing Project "Gopal Kiran" Under Pradhan Mantri Awas Yojna, at Khasra No.- 1000 & 1004 ,Village- Khera Dehat, Tehsil- Dholana, District- Hapur,U.P., M/s Eureka Builders (P) Ltd. File No. 5748/Proposal No. SIA/UP/MIS/166630/2020

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

1. The environmental clearance is sought for affordable Housing Project "Gopal Kiran" Under Pradhan Mantri Awas Yojna, at Khasra No.- 1000 & 1004 ,Village- Khera Dehat, Tehsil- Dholana, District- Hapur,U.P., M/s Eureka Builders (P) Ltd.
2. Project involves development of 8 towers, namely Tower A, B & D (G+3) Tower C, E & F (G+5) and Commercial Tower (G+2) including dedicated building for community centre. Total number of dwelling units will be 956.
3. Salient features of the project:

S. No.	Description	Proposed
1.	Plot Area	20,960.00 m^2
2.	Built-up Area	40,805 m^2
3.	Green Area	3,084 m^2 (@15.07% of net plot area
4.	Total Water Requirement	476 KLD
5.	Fresh Water Requirement	306 KLD
6.	Wastewater Generation	390 KLD
7.	Capacity of STP	440 KLD
8.	Solid Waste Generation	2,816 kg/day
9.	Parking Required & Provided	Required:-64 ECS & 956 Scooter Provided:- 65 ECS & 956 Scooter
10.	Power Demand & Source	2,258 kVA (Uttar Pradesh Power Corporation Limited)
11.	Back up	800 kVA (2 x400 kVA)
12.	RWH Pits	5 pits
13.	Project Cost	INR 43.70 cr.
14.	Expected Date of Completion	5 Years

4. Area details of the project:

S. No.	DESCRIPTION	Area (m^2)
1.	Total Plot Area	20,960.00
2.	Road Area	400.00
3.	Net Plot Area	20,560.00
4.	Permissible Ground Coverage @ 50% of net plot area	10,280.00
5.	Proposed Ground Coverage (@40.61% of net plot area) a) Residential = 6870.13 b) Commercial = 1480.29	8,350.80
6.	Permissible FAR (@2.5 of Net Plot Area) a) Permissible Commercial FAR (10%) = 5,140.0 b) Residential FAR of Group Housing (@90%) = 46,260.00	51,400.00
7.	Additional FAR(@1 of net plot area FAR) a) Commercial FAR (10%) = 2,056.00 b) Residential FAR (@90% Additional FAR) = 18,504.00	20,560.00
8.	Total Permissible FAR (@2.5+1 of Net Plot Area) a) Total Permissible Commercial FAR (10%) = 7,196.00 b) Total Residential FAR of Group Housing (@90%) = 64,764.00	71,960.00
9.	Total Achieved FAR a) Residential FAR = 30,091.28 b) Proposed Commercial FAR = 2,032.87 c) Community FAR(Institute) = 3962.42	36,086.57
10.	Non FAR Area a) Residential Non Far Area = 706.86	4718.43

	b) Commercial Non FAR Area = 83.94 c) Community Non far = 41.75 d) Stilt area = 1,941.25 e) Mummty area = 173.15 f) Services Area(Electric substation, guard room area, Garbage collection area) = 275 g) Basement (Below School Building)= 819.30 h) Additional Non FAR (5% non FAR EWS) = 677.18	
11.	Total Built- up Area(9+10)	40,805
12.	Total Proposed Green Area (15% of net plot area)	3,084.00
13.	Maximum height of the building(Upto mummty)	22.05

5. Water calculation details:

S. No.	Description	Occupancy	Rate of Water Demand (lpcd)	Total Water Requirement (KLD)
A.	Domestic Water Requirement			
1.	Residential Population			
	EWS & LIG Flats	4,780	86	411
	Maintenance Staff	239	30	7
	Visitors	478	15	7
2.	Commercial 3			
	Staff	57	30	1.7
	Visitors	396	15	5.9
3.	School Building			
	School population	594	30	17.8
	Visitors	66	15	0.9
Total Domestic Water Demand				451.3 says 451 KLD
B.	Horticulture	3,084.00	6 liter/m^2/day	18.50
C.	Road Washing			6
Total Water Requirement (A + B+ C)				475.5 say 476 KLD

6. Waste water details:

Total Domestic water Requirements	451 KLD
Total Fresh Water	306 KLD
Flushing Water	145 KLD
Waste Water (80% Potable + 100% flushing)	244.8+145= 389.8 say 390KLD
Total STP Capacity	440 KLD

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

RESOLUTION AGAINST AGENDA NO-11

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. Organic waste convertor should be installed.
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. 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 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.
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.

12. Proposed Group Housing Project "Prestige Bogainvillae Gardens" at Plot No.-SC-02/C, Sector-150, Noida, District- Gautam Buddha Nagar, U.P., M/s Allure Developers Pvt. Ltd. File No. 5749/Proposal No. SIA/UP/MIS/55328/2020

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 Group Housing Project "Prestige Bogainvillae Gardens" at Plot No.-SC-02/C, Sector-150, Noida, District- Gautam Buddha Nagar, U.P., M/s Allure Developers Pvt. Ltd.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 199/Parya/SEAC/5601/2018, dated 08/07/2020.
3. Max. No of floors are 2B+ST/G+23. Total Saleable DU's dwelling units is 1080.
4. Salient features of the project:

Sl. No.	Description	Total Quantity	Unit
GENERAL			
1	Plot Area	60000	m2
2	Proposed Built Up Area	280902	m2
3	Total no of Saleable DU's	1080	No.
4	Max Height - (Height of tallest block)	83	M

5	No of Building Blocks (Residential + Community facilities)	14(12+2)	
6	Max No of Floors	2B+ST/G+23	No.
7	Expected Population (6472 Residential+2335 Floating)	8707	No.
8	Total Cost of Project	502	CR
9	Proj Activity : Group Housing, with club, sports & health club facilities		
AREAS			
10	Total Permissible FAR Area (250+5% for Green Certification)	155264.55	m2
11	Total Proposed FAR Area	155264	m2
12	Other Non FAR Areas	56113.30	m2
13	Non FAR areas - Total Basement Area	69525.26	m2
14	Proposed Total Built Up Area	280902.56	m2
WATER			
15	Total Water Requirement	666.02	kld
16	Fresh water requirement	452.73	kld
17	Treated Water Requirement	213.29	kld
18	Waste water Generation	513.79	kld
19	Proposed Capacity of STP	620	kld
20	Treated Water Available for Reuse	462.41	kld
21	Treated Water Recycled	213.29	kld
22	Surplus treated water to be discharged in Municipal Sewer with Prior permission	249.12	kld
RAIN WATER HARVESTING			
23	Rain Water Harvesting - Recharge Pits	15	No.
PARKING			
24	Total Parking Required as / Building Bye Laws	1938	ECS
25	Proposed Total Parking	1938	ECS
26	Parking on Surface	84	ECS
27	Parking in Basements	1854	ECS
GREEN AREA			
28	Proposed Green Area (35.1 % of plot area)	21050	m2
WASTE			
29	Total Solid Waste Generation	3.5	TPD
30	Organic waste	2.14	TPD
31	Quantity of E-Waste Generation- Kg/Day	41.90	KG/DAY
32	Quantity of Hazardous waste Generation	5.75	LPD
33	Quantity of Sludge Generated from STP	36	KG/DAY
ENERGY			
34	Total Power Requirement	7000	kW
35	DG set backup	9065	kVa
36	No of DG Sets	10	No.

5. Water requirement details:

WATER REQUIREMENT			
	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN KL
RESIDENTIAL			
DOMESTIC	6372	65	414.18
FLUSHING	6372	21	133.81
NON RESIDENTIAL (Working)			
DOMESTIC	244	25	6.09
FLUSHING	244	20	4.87
VISITORS			
DOMESTIC	2092	5	10.46
FLUSHING	2092	10	20.92
TOTAL POPULATION	8707		
SWIMMING POOL	1	LS	10
FILTER BACK WASH		LS	12

GARDENING	21050	1	21.05
D G COOLING	9065	0.9	32.63
TOTAL WATER REQUIREMENT			666.02

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

RESOLUTION AGAINST AGENDA NO-12

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. Organic waste convertor should be installed.
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. 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 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.
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.
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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.

13. Discussion on letter dated 28/07/2020 regarding omission of conditions for certified compliance report in Commercial Project at plot no.- C3-E1, Sector-129, Noida, M/s Gulshan Homes and Infrastructure Pvt. Ltd. File No. 3857/Proposal No. SIA/UP/MIS/154786/2020

The Secretariat informed the committee that the project proponent vide letter dated 28/07/2020 requested to omit the condition mentioned in minutes of 474th SEAC meeting dated 26/06/2020 regarding submission of certified compliance report for the earlier environmental clearance.

The committee went through the file and documents and directed to omit the condition *"certified compliance report for the earlier environmental clearance"* mentioned in minutes of 474th SEAC meeting dated 26/06/2020.

14. Discussion on letter dated 29/07/2020 of Common Bio Medical Waste Facility Operators Association, Kanpur.

The committee discussed the letter dated 29/07/2020 of Shri Suresh Chand Yadav, Legal Officer, Common Bio Medical Waste Facility Operators Association and opined that the complaint letter should be sent to CMO, Sonebhadra and Regional Officer, UPPCB, Sonebhadra for providing the factual report of the project. A copy of the same may be sent to complainant for information.

15. Discussion on letter dated 18/08/2020 of M/s VRY Industrial Park LLP regarding storage of hazardous chemicals under manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC Rules), 1989 and amended till date for expansion of Logistic Park (warehouse) project at Gata No. 188 and 198, Village-Sikandrabad Dehat, District-Bulandshahar, U.P.

The Secretariat informed the committee that the project obtained Environment Clearance dated 06/06/2019 for a warehouse project located at Gata no. 188 & 198, Village Sikandrabad Dehat, District-Bulandshahar, U.P for the storage of materials like Consumer Durables, FMCG, Automotive Spare parts & accessories, IT hardware etc. A clarification has been sought by the project proponent regarding the storage of hazardous chemicals under MSIHC rules in the aforesaid warehouse vide letter dated 18/08/2020.

The committee went through the notification dated 13/06/2019 for the omission of Schedule 6 (b) from the EIA notification 2006, (as amended) and observed that the project proponent doesn't require any separate Environment Clearance under schedule 6(b), but the project proponent shall obtain the amendment in the Environment Clearance letter dated 06/06/2019 with the additional storage of Hazardous chemicals under MSIHC Rules, 1989 and its amendments and shall submit the Standard Operating Procedures (SOPs) and steps to be taken/ facilities to be maintained by project proponent for storage of hazardous chemicals. The project proponent shall also obtain other necessary approvals from competent authorities for the storage of hazardous chemicals.

16. Group Housing Project "Vrinda City" at Plot No. GH-2, Sector- PHI-04, Greater Noida, District-Gautam Buddha Nagar, U.P. M/s Central and State Employees Sahakari Awas Samiti Limited. File No. 5634/4351/Proposal No. SIA/UP/MIS/140192/2020

The committee noted that the matter was earlier discussed in 467th SEAC meeting dated 04/06/2020 and recommended to grant the environmental alongwith general and specific conditions. The matter was discussed by the SEIAA in 376th meeting dated 18/06/2020 and directed is as follows:

> "SEIAA noted that SEAC has recommended to grant EC to the above project, however noted that no comments have been made by SEAC regarding the litigation pending in the Honb'le Court(s). SEIAA also gone through file and documents and found that number of cases is being pending before the various Honb'le Court(s), viz. case number 90/12 in District Court Gautam Budhha Nagar, TA 185 in DRT-1 Delhi, SA-239 in DRT-Lucknow 136/2013 in Co-operative Tribunal, Lucknow, 3248/2015 in District Court Bulandshahar and assessment against Mr. Shrivastava has been initiated by income tax department and matter is also under review of Enforcement Directorate. SEIAA also observed that the total estimated population is of 1925 persons and current population residing in the project is of 907 persons; whether it is an expansion case, whether any prior environment clearance has been accorded and environment facilities has been prescribed.STP details for the residing population should be clarified, whether any Honb'le Court has justified the legal entity of the project proponent that could be identified. Hence SEIAA referred back the project to SEAC for necessary action."

The project proponent has submitted their reply in the light of SEIAA meeting minutes dated 18/06/2020 and the project proponent submitted is as follows:

1. Regarding pending litigations on the project:
   - The pending litigations on the project are not related to any Environmental issues. All the pending litigation are with individual persons and civil in nature.
2. Regarding clarity on prior EC and population of the project:
   - The project is not an expansion case and they have applied under the MoEF Notification dated 08/03/2018 under violation category. The current population of the project is 907 persons as the project is not in 100% occupancy right now. The total population will be 1925 persons calculated on the basis of the number of dwelling units.
3. Regarding STP for residing population:
   - The current STP of 160 KLD is sufficient to treat the waste water generated from the current residing population of 907 persons. The project proponent will expand the STP capacity w.r.t. increase in population.
4. Regarding legal entity of the project proponent:
   - The group housing project "Vrinda City" has been developed by M/s Central and State Employees Sahakari Awas Samiti Limited (CCSE SAS Ltd.) and is located at plot no. GH-02, Sector-PHI-04, Greater Noida, U.P. CCSE SAS Ltd. is a Co-operative Group Housing Society registered with U.P. Awas Vikas Parishad, Govt. of U.P. vide registration No. 3119 dated 30/04/2003.

The project proponent also submitted an affidavit dated 04/06/2020 through which they have mentioned that there is no litigation pending against society w.r.t. environment & land of the project. The project proponent vide letter dated 22/06/2020 also informed that they have submitted the Bank Guarantee of Rs. 20,05,000/- (Twenty Lakhs Five thousands only) to the U.P. Pollution Control Board on 18/06/2020 as suggested by the SEAC under remediation, natural and community resource augmentation plan.

After in depth discussion, the committee found that the reply submitted by the project proponent is satisfactory and the committee again recommended to grant the environmental clearance in view of MoEF&CC Notification dated 08/03/2018 along with general and specific conditions stipulated by the SEAC in its 467th SEAC meeting dated 04/06/2020.

(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**