Minutes of 416th SEAC Meeting Dated 08/08/2019

The 416th meeting of SEAC was held in Directorate of Environment, U.P. on 08/08/2019 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Arvind Mathur,	Member
4.	Dr. Virendra Misra,	Member
5.	Dr. Pramod Kumar Mishra,	Member
6.	Dr. Richhpal Singh Sangu,	Member
7.	Shri Ramesh Chand Kataria,	Member
8.	Dr. Ajoy Kumar Mandal,	Member
9.	Shri Meraj Uddin,	Member
10.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 416th SEAC meeting.
The SEAC unanimously took following decisions on the agenda points discussed:

1. Group Housing Project "Express Astra" at Plot No.-GH-6A, Sector-01, Greater Noida, District- Gautam Budha Nagar, U.P., File No. 4908/Proposal No. SIA/UP/MIS/109657/2019

RESOLUTION AGAINST AGENDA NO-01

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

2. Expansion of Group Housing at Plot No.-GH-6B, Sector-01, Greater Noida, Distt.-Gautam Budha Nagar., M/s Rajhans Infratech Pvt. Ltd. File No. 4915/Proposal No. SIA/UP/MIS/106615/2019

A presentation was made by project proponent along with their consultant M/s Ambiental Global Private Limited. 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 at Plot No.-GH-6B, Sector-01, Greater Noida, Distt.-Gautam Budha Nagar, U.P. M/s Rajhans Infratech Pvt. Ltd.
2. Environmental Clearance for the earlier proposal was issued by SEIAA, U.P. vide Letter No.1389/Parya/SEAC/2358/2014/OSD (T) dated November 27, 2015 for the plot area 20,034.8 m^2 (4.95 acres) and built-up area of 1,08,421.387 $m^{2.}$
3. Comparative area details:

S.No.	Description	As Per Earlier EC (m^2)	Post Revision & Expansion (m^2)

1.	Total Plot Area	20,034.8	
2.	Permissible Ground Coverage	7,012.18 @35% of Total Plot Area	
3.	Proposed Ground Coverage	5,441.011 @27.16% of Total Plot Area	5,236.27 @26.055% of Total Plot Area
4.	Total Permissible F.A.R.@ 3.5 Permissible F.A.R@ 2.75 Purchasable F.A.R@ 0.75	70,121.8 55,095.70 15,026.10	
5.	Total Proposed F.A.R. Area Housing F.A.R. Area Commercial F.A.R. Area	70,095.552 70,095.552 Nil	70,101.38 69,402.35 699.03
6.	Total Non F.A.R. Area Basement Area Stilt & Podium Area	29,024.767 16,611.053 12,413.714	29,717.42 16,611.13 13,106.29
7.	Services/Ancillary Area	9,301.068	10,464.682 (Including Community Centre)
8.	Total Built Up Area (5+6+7)	1,08,421.387	1,10,283.482
9.	Landscape Area	7391.162 (@36.89% of Total Plot Area)	8084.281 (@40.35% of Total Plot Area)
10.	Total Proposed Units	828 Units	832 Units
11.	Height of the Tallest Building	57 m	66.15 m
12	Rain water harvesting pits		06 nos.

4. Population details:

S. No.	Description	As Per Earlier EC	Post Revision & Expansion
1.	Residential Population	4,761 (as per 5 individual/unit)	4305 (as per 4.5 individual/unit)
2.	Commercial Population	Nil	223
3.	Community Population	Nil	330
Total		4,761	4,858

5. Water requirement details:

S. No.	Description	As Per Earlier EC	Post Expansion
1.	Total Water Requirement	393 KLD	502 KLD
2.	Domestic Water Requirement	371 KLD	343 KLD
3.	Fresh Water Requirement	277 KLD	375 KLD
4.	Waste Water	314 KLD	295 KLD
5.	STP Capacity	380 KLD	460 KLD

6. Solid waste generation details:

S. No.	Category	Norms (kg/c/day)	Total Waste (kg/day)
1.	Domestic Waste:		
	Residents (3,744)	@ 0.5	2,022.5
	Total Staff (518)	@ 0.25	129.5
	Total Visitors (1224)	@ 0.15	183.6
2.	Landscape waste (0.79 acre)	@ 0.2 kg/acre/day	0.158
	TOTAL SOLID WASTE GENERATED		2335.75 say 2,336 kg/day

7. Parking details:

S. No.	Type of Parking	No. of ECS
1	Basement @ 30 m^2 per ECS.	494
2	Stilt @ 30 m^2 per ECS.	134
3	Podium @ 30 m^2 per ECS.	228
4	Surface @ 23 m^2 per ECS.	25

Total No. of ECS	883

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

RESOLUTION AGAINST AGENDA NO-02

The committee discussed the matter and recommended 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. Certified compliance report for the earlier environmental clearance issued by SEIAA should be submitted within three months.
2. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. 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.
13. 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.
14. 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.
15. 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.
16. No parking shall be allowed outside the project boundary.
17. 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.

18. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
19. 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.
20. 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.
21. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
22. 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.
23. 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.
24. 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. 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.
25. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
26. 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.
27. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
28. 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.
29. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
30. All the internal drains are to be covered till the disposal point.
31. 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.
32. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

3. EWS Group Housing Project at Khasra No.-339, 340, 349 & 350 at Village-Rasulpur, Sikroda, Distt.-Ghazaibad, U.P., M/s ATS Grand Realtors Pvt. Ltd. File No.4920/Proposal No. SIA/UP/MIS/110215/2019

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

1. The environmental clearance is sought for EWS Group Housing Project at Khasra No.-339, 340, 349 & 350 at Village-Rasulpur, Sikroda, Distt.-Ghazaibad, U.P., M/s ATS Grand Realtors Pvt. Ltd.
2. Salient features of the project:

Project Name	Proposed EWS Group Housing Project
Location	Khasara no. (339, 340, 349 and 350) situated at village Rasulpur Sikroda, Ghaziabad, U.P.
Type of project	Building and Construction Project, Category 'B' [As per EIA Notification 14.09.2006, Project or Activity-8 (a)]
Total Project area	19,109.80 sq. m. (4.72 acres approx.)

Built up	Total Built up area: 33,487.309 sq. m. (F.A.R- 29,648.012 sq. m. + Non-F.A.R- 4,839.297 sq. m.)			
Ground coverage	Permissible: 9,554.90 sq. m. (50 % of plot area) Proposed: 6,158.79 sq. m. (32.22 % of plot area)			
F.A.R Permissible F.A.R Proposed	Permissible F.A.R.: 47,774.50 sq. m. (@2.50) Proposed F.A.R. : 29,648.012 sq. m. (@ 1.55)			
Maximum height	17.70 M (up to terrace floor level)			
Number of Towers	8 no of Towers + Junior High School (w/ Aaganwadi/Primary School)			
Number of floors	Basement (School) + Ground/Stilt + 5 Upper Floors + Terrace			
Particular	Area for ECS Parking (Sq. m.)	Service Area (Sq. m.)	Total Area	No. of Parking Provided
Open Surface Parking (@ 20 sq.m./ECS)	12951.01	-	12951.01	647.55
Stilt (@30 sq.m./ECS)	1260.912	-	1260.912	42
Total				690
Parking	Required Parking under PMAY for EWS - For EWS units: 789 units x 1 ECS/unit = 789 ECS For Junior High School: 4000/100 = 40 ECS For Commercial: 117/50 = 2.34 ECS say 2 ECS Total Required Parking = 789 + 40 + 2 = 831 ECS			
Power requirement & source	Connected Load = 1096.72 KW, Demand/Essential Load= 11267.39 KVA, Source: UPPCL			
Power backup	No power back-up needs to be provided for EWS units as per PMAY			
Water requirement & source	Water requirement will be : 401 KLD Fresh Water: 268 KLD, Flushing: 104 KLD			
Sewage treatment & disposal	Sewage and Waste Water generated will be fed to common Municipal STP 600 meters from project site			
Estimated population	Total population: 4752 Persons Fixed population: 3945 Persons, Floating population: 807 Persons			
Solid waste generation	1977.0 kg/day			
Green Area	3737 m2 (19.55 % of total project area)			
Project Cost	Approx. 72.89 Crore.			

3. Water calculation details:

Particulars	Expected Population	Base of Calculation (lpcd)	Fresh Water (KLD)			Total Water Consumption (KLD)
			Domestic	Flushing	Others	
Dwelling Units (789 DU)	3945@ 5 persons/DU	86	256.425	82.845	-	339.27
Visitors	395 @ 10% of total fixed population	28	2.765	8.295	-	11.06
Commercial Building (117 sq. m.)	12 Person @ 10 sq. m./Person	28	0.84	2.52	-	3.36
Aaganwadi/Primary School (4000 sq.m.)	400 Person @ 10 sq. m./Person	45	8.0	10.00	-	18.00
Road & Car Washing	L.S.M	-	-	-	10.00	10.00
Green Belt/Landscaping area (Area 3,737 sq. m.)	@ 5 Ltr/sq. m.	-	-	-	18.69	18.69
Total	4752 Persons	-	268.03 say 268 KLD	103.66 Say 104 KLD	28.69 Say 29 KLD	400.38 Say 401 KLD

4. Total Solid Waste Generated will be 1977.00 kg/day (Base of calculation @ 450 gm/person/day for fixed population {1775.25 kg/day } and 250 gm/person/day for floating population{201.75 kg/day }).
5. The project proposal falls under category–8(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and recommended 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 alternatives 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. 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.
12. 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.
13. 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.
14. 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.
15. No parking shall be allowed outside the project boundary.
16. 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.

17. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
18. 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.
19. 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.
20. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
21. 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.
22. 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.
23. 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. 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.
24. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
25. 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.
26. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
27. 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.
28. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
29. All the internal drains are to be covered till the disposal point.
30. 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.
31. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

4. New 60 KLPD Molasses Based Distillery at Gata No./Plot No.-00027, 00028, 00037, Village-Adharhedi Musapur, Tehsil & District- Saharanpur. M/s Daya Sugar Ltd. File No. 4909/Proposal No. SIA/UP/IND2/38518/2018

A presentation was made by project proponent along with their consultant M/s SMS Envocare Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for New 60 KLPD Molasses Based Distillery at Gata No./Plot No.-00027, 00028, 00037, Village-Adharhedi Musapur, Tehsil & District- Saharanpur, U.P. M/s Daya Sugar Ltd.
2. Terms of reference in the matter were prescribed on SEAC meeting dated 25/06/2018.
3. Public hearing was organized on 25/05/2019.
4. Area details:

Sr. No.	Units	Area (Sq. m.)

1	Molasses storage tank	706.5
2	Day Molasses tank	706.5
3	Milling Section area	10699.8
4	Spray Pond	4500
5	Boiler PCC Room and Coal Yard area	864.0
6	Mechanical workshop	282.3
7	WTP and water storage tank	56
8	Time office	17
9	Administration office	26
10	Weigh Bridge	14
11	ETP	2500
12	Sugarcane juice provision	9240
13	Power house	958
14	Bagasse yard	5000
	Total	35570.1
	Total Area in Acre	8.7897 Acre

5. Salient features of the project:

PARTICULARS	REQUIREMENTS
Land	Total Plot area :209990.29 sq. mtr Exsisting Sugar Factory area :35570.1 sq. mtr Proposed Distillery Unit: 39711.51 sq. mtr Green belt area :134708.68 sq. mtr
Molasses	252 TPD (330 days for molasses)
Raw Material	Nutrient : 30 kg/day, Sulphuric acid: : 45 kg/day Biocide: 10 Lit/day, TRO : 60 Kg/day
Fresh water	Water requirement after recycling will be 485 CMD Source: Ground water (Water Permission letter 16/08/2018)
Electricity generation	1.98 MW from spent wash fired boiler (turbine capacity 2.5 MW)
Electricity requirement	1.140 MW (Operating)
Boiler	22.5 TPH Spent wash (slop) fired
Steam	18 TPH
Fuel	Indian coal: 56 TPD
DG	Two DG sets of capacity 500 kVA each
Man power	100 nos. skilled and unskilled

5. Existing plant details:

SR. NO.	NAME OF RAW MATERIAL	QUANTITY	STORAGE	TRANSPORTATION
1	Sugarcane	3500 TPD	Cane yard	Trucks
2	Lime	11.2 TPD	Lime Godown	Trucks
3	Sulphur	3.2 TPD	Sulphur Godown	Trucks
4	Caustic Soda	0.32 kg/day	Plastic Carboys	Trucks/tempo
5	Hydrochloric acid	0.1 lit/day	Store	Trucks/tempo
6	Coal	2.75 kg/day	Store	Trucks/tempo
7	Sodium Chloride	0.83 kg/day	Store	Trucks/tempo
8	Phosphoric acid	0.22 kg/day	Store	Trucks/tempo
9	Oil, grease and Oil coolant	0.25 kg/day	Store	Trucks/tempo

6. Proposed distillery details:

SR. NO.	NAME OF RAW MATERIAL	QUANTITY	STORAGE	TRANSPORTATION
1	Molasses	252 Tons	10000 MT X 3 No of tanks	Pipeline
2	Nutrient	30 kg/day	Plastic Carboys	Trucks
3	Sulphuric acid	45 kg/day	Plastic Carboys	Trucks
4	Biocide	10 Lit/day	Plastic Carboys	Trucks/tempo
5	TRO	60 kg/day	In gunny bags	Trucks/tempo

7. Water requirement details:

Sr. No.	Water inputs	CMD
1.	Process water for fermentation section and CO_2 scrubber	526
2.	Other domestic usage, laboratory uses, cleaning	20
3.	DM water for RS dilution	63
4.	Water for vacuum pump, pump sealing, air blower & others	10
5.	Soft water for cooling towers	402
6.	PHE Cleaning	3
7.	Floor washing and other miscellaneous Use	6
8.	Boiler	95
9.	Total water input	1125
10.	Out put	
11.	Spent Lees (PR & Rect.)	150
12.	Process condensate	514
13.	RO reject to Evaporation	54
14.	CT Evaporation & Drift Losses	306
15.	Water losses from vacuum pump, pump sealing, Air blower	2
16.	PHE Cleaning	3
17.	Waste water vacuum pump, pump sealing, Air blower	10
18.	Boiler blow down	11
19.	Cooling Tower blow down	65
20.	Other domestic usage, laboratory uses, cleaning	10
	Total Water Output	1125
21.	Recycling	
22.	Lees recycle for cooling tower make up	150
23.	Process condensate fermentation	383
24.	Process condensate to cooling tower	77
25.	Boiler Blow down to cooling tower	11
26.	Air Blower Sealing water to cooling tower	4
27.	Pump sealing and CO_2 scrubber water to process through bearwell	6
28.	CO_2 scrubber beer well to process water for fermentation	1
29.	PHE Cleaning to Fermentation	3
30.	Floor washing waste water to Gardening	5
31.	Total Recycling water per day	640
		485
	Daily Fresh Water requirement Lit/ Lit of ethanol	8.00

8. Solid waste details:

Sr. No.	Type of waste	Quantity	Treatment & Disposal
1.	Yeast sludge	9.6 TCD	Sludge (Yeast and ETP) will be dried and used as fertilizer or it will be incinerated along with spent wash in the boiler.
2.	ETP sludge	Negligible	
3.	Ash	Ash coal :22.4 TPD Spent wash Ash: 24.3 TPD	Coal ash and bagasse ash (partly) will be sending to brick manufacturer; bagasse ash will be sold to farmer as manure.
4.	Domestic	Negligible	Local waste collection system
5.	Spent oil	Negligible	Authorized recycler

9. The project proposal falls under category–5(g) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with following general and specific conditions:

I. Statutory compliance:

1. 45 days monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 60 days for a

record.

2. 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.
3. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
4. 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).
5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
6. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
7. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules , 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989

II. Air quality monitoring and preservation:

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.s in reference to PM emission , and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind direct ions. (case to case basis small plants: Manual; Large plants: Continuous).
3. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugit ive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
4. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
5. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
6. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
7. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.

8. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

III. Water quality monitoring and preservation:

1. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD) and connected to SPCB and CPCB online servers.
2. Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
3. Process effluent /any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
4. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
5. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
6. Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.
7. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.

IV. Noise monitoring and prevention:

1. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures:

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

VI. Waste management:

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
3. The company shall undertake waste minimization measures as below :-
   i. Metering and control of quantities of active ingredients to minimize waste .
   ii. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
   iii. Use of automated filling to minimize spillage.
   iv. Use of Close Feed system into batch reactors.
   v. Venting equipment through vapour recovery system.
   vi. Use of high pressure hoses for equipment clearing to reduce wastewater generation

VII. Green Belt:

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

VIII. Safety, Public hearing and Human health issues:

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
3. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
6. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished produc ts, and no parking to be allowed outside on public places

IX. Corporate Environment Responsibility:

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildli fe norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms I conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter lev el, with qualified personnel shall be set up under the control of senior Executive , who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Miscellaneous:

1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular

language within seven days and in addition this shall also be displayed in the project proponent's website permanently.

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

5. Residential Colony "Ansal Basera City" at Village- Buda, District-Jhansi, M/s Madakinee Estate Pvt. Ltd. File No. 4925/ 4682/Proposal No. SIA/UP/NCP/38937/2019

The committee noted that proposed Residential Colony "Ansal Basera City" at Village Buda, Kanpur By Pass Road, Jhansi, U.P. was earlier submitted in 166th SEAC meeting dated 30/09/2013, the grant of ToR on 223rd.SEAC meeting 27/06/2015 and recommended for EC in 274th SEAC meeting dated 30/05/2015 respectively. After the recommendation of SEAC and matter was discussed in 170th SEIAA meeting dated 25/10/2016 and deferred the matter & deregistered in minutes of 172nd meeting dated 29/12/2016 that project proponent has committed the violation.

The case was then submitted on 19/04/2017 of MoEF&CC, New Delhi under the violation notification dated 14 March 2017. The case was appraised in **2nd** meeting of Expert Appraisal Committee for projects related to violation of the EIA Notification, 2006 held on 15-16 January, 2018. The EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF & CC Notification dated 14th March, 2017, asked for a site visit to be conducted by the concerned Regional Office of the Ministry to ascertain the actual physical progress at site and to verify the claims of the project proponent in their affidavit submitted to SEIAA vide letter dated 5th December, 2016.

The site visit was conducted by the regional office, MoEF&CC, Lucknow on 4/12/2018 and report was submitted vide F. No IV/ENV/UP/Con-164/521/2018 dated 26/12/2018. The case could not be appraised under the absence of site visit report as directed by EAC. In the site visit report dated 26/12/2018 it is clearly mentioned that this is a case of violation and the report was also endorsed to the Member Secretary, SEIAA, Uttar Pradesh.

The case was then referred to SEAC/SEIAA as per the new notification of MoEF & CC dated 08/03/2018, which states that the project covered under category 'B' shall be considered by SEAC/SEIAA in the respective state.

The committee appraised the matter under the violation cases as per MoEF&CC Notification dated 14/03/2017 & 08/03/2018 respectively. The terms of reference in the matter were prescribed in 398th SEAC meeting dated 30/04/2019. The terms of reference issued by the SEIAA, U.P. vide letter no. 108/Parya/SEAC/4682/2018, dated 13/06/2019 under the violation category. The EIA report submitted by the project proponent on 13/07/2019.

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

1. The environmental clearance is sought for proposed Residential Colony "Ansal Basera City" at Village-Buda, District- Kanpur By Pass Road, District-Jhansi, U.P., M/s Basera Builders and M/s Madakinee Estate Pvt. Ltd.
2. Land use details:

Land use Type	Area (in m^2)	Percentage
Proposed Ground Coverage	105461.32	33%
Area under Roads	83436.89	26%
Area under Green	94856.43	30%
Other services	36056.094	11%
Total	319810.734	100%

3. Area details of the project:

Sr. No.	Particulars	Area (in m^2)	Area (Acres)	Percentage (%)

1.	Total Area of Land	3,26,480.974	80.675	
2.	Area acquired by NHAI	3650.000	0.902	
3.	Area in Possession	3,22,830.974	79.773	
4.	Area Left for NHAI (No construction Zone)	2,620.000	0.647	
5.	Area left for proposed master plan road (24m)	400.24	0.099	
6.	Net Planned Area	319810.734	79.027	100%
7.	Area Under Plots	147633.700	36.481	46.16
8.	Area Under Group Housing	10444.252	2.58	3.26
9.	Area Under Commercial	15906.117	3.93	4.97
10.	Area Under Club	4056.728	1.00	1.27
11.	Area of Nursery School	2178.209	0.538	0.68
12.	Area of Primary School	2006.735	0.496	0.63
13.	Area of Inter College	4172.175	1.030	1.30
14.	Area of High school	2000.00	0.494	0.63
15.	Total	1,88,397.916		
16.	Open Area (Net planned area- Proposed Ground Coverage)	2,14,349.414		67.0
17.	Area under Roads	83436.89	20.617	26.089
18.	Common greens(Exclusive green)	47975.93		15%
	Green area within plots	17083.82		-
	Berm (shelter belt)	29796.68		-
	Area under Green	94856.43		29.6 %

19.	Proposed Ground Coverage	105461.32
	Plotted	88901.94
	Group Housing (@35% of plot area)	3655.48
	Commercial (@50% of plot area)	7953.06
	Club (@30% of plot area)	1217.02
	Nursery School (@40% of plot area)	871.28
	Primary School (@35% of plot area)	702.36
	Inter College (@35% of plot area)	1460.26
	High School(@35% of plot area)	700.00
20.	Proposed F.A.R.	303096.2184
	Plotted	259967.68
	Commercial (@150% of plot area)	23859.17
	Club (@200% of plot area)	8113.456
	Nursery School (@80% of plot area)	1742.5664
	Primary School (@100% of plot area)	2006.736
	Inter College (@120% of plot area)	5006.61
	High School(@120% of plot area)	2400.00
21.	Proposed Built-up Area	303096.2184
22.	No. of plots	816
23.	No. of Group Housing Units	1242

4. Water calculation details:

S. No.	Description	unit/Area (in m^2)	Total Occupancy	Rate of fresh water demand (lpcd)	Total Fresh Water (KLD)	Rate of Flushing water demand (lpcd)	Total Flushing/Recycled water (KLD)	Total Water Requirement (KLD)
1.	Plots/villas	816 units	4080	Fresh Water @ 65 LPCD	265	Flushing Water @ 21 LPCD	86	351
	Group Housing	1242	6210	Fresh Water @	404	Flushing Water @	130	534

	Units			65 LPCD		21 LPCD		
2.	Visitors		1029	Fresh Water @ 5 LPCD	5	Flushing Water @ 10 LPCD	10	15
3.	Staff & Students		3426	Fresh Water @ 30 LPCD	103	Flushing Water @ 15 LPCD	51	154
Total Domestic water					777		277	1054
4.	Horticulture and Landscape development (94856.43 sq.m.)		4 l/sqm				380	380
5.	HVAC (900 ton)		12 l/ton/hr				38	38
6.	Artificial Water Body (fountain)		30.0				30.0	30.0
			Grand Total		777		725	1502 KLD

5. Solid waste details:

S.No.	Particulars	Population	Waste generated (kg/day)
1.	Residential (@0.5kg/day)	10290	5145
2.	Visitors (@ 0.15kg/day)	1029	154
3.	Staff (@0.25 kg/day)	3426	857
Total Solid waste generated			6156 Kg/day
Horticulture Waste(94856.43 m^2) (0.0037/sqm/day)			351 Kg/Day
E-Waste (0.15 kg/C/Yr)			~5.5 Kg/Day
STP Sludge			40Kg/Day

6. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended) and MoEF&CC Notification dated 14/03/2017 & 08/03/2018 under the violation of EIA Notification, 2006.

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter in view of EIA Notification, 2006 (as amended) and also notification dated 08/03/2018 of MoEF&CC and recommended grant of environmental clearance under violation category for the project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

Specific Conditions:

1. The project proponent shall be submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan within 15 days to the SPCB. The bank guarantee shall be released after successful implementation of the EMP, and after the recommendations of the concerned Regional Office of the Ministry, the SEAC and approval of the regulatory authority.
2. The State Govt./SPCB to take action against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
3. 45 days monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 60 days for a record.
4. Adequate parking for visitors should be provided at the entrance gate of buildings.
5. Maids working in the flats have to be essentially provided toilets and the rest room in the campus. Similarly the security guards may be provided these facilities separately.
6. A convenient shopping center has to be provided to meet the requirement of the residents on day to day basis.
7. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy.
8. Use of reflecting paints on the roof top and side walls of the building for cooling effect.

9. 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.
10. 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.
11. 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.
12. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
13. 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.
14. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
15. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
16. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
17. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 20016.
18. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche 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 submitted by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provide 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 taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
27. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
28. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
29. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
30. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
32. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
33. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
34. Roof top water to be only channelized to RWHs. Arrangement shall be made that waste water and storm water do not get mixed.
35. All the internal drains are to be covered till the disposal point.
36. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
37. The bank guarantee shall be released after successful implementation of remediation plan and natural and community resource augmentation plan, and after recommendation by Regional Office of Ministry, Expert Appraisal Committee or State or Union Territory level Expert appraisal committee and approval of the regulatory authority.

6. Township "Jaypee Greens Wish Town Noida" at Sector-128, 129, 131, 133, & 134, Noida, Tehsil-Dari/Sadar, District-Gautam Buddha Nagar, U.P., M/s Jaypee Infratech Ltd File No. 4930/4769/Proposal No. SIA/UP/MIS/38963/2019

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and decided that a site visit shall be undertaken by Dr. S.N. Singh, Chairman, SEAC and Dr. Virendra Misra, Member, SEAC within 15 days and the site inspection report shall be submitted to SEAC. The matter shall be discussed after receipt of inspection report.

7. Development of a Manufacturing unit of Mobile Phones and its Hardware Components at Plot No.-08, Sector-24,Yamuna Expressway Industrial Development Authority, District-Gautam Buddha Nagar, U.P., M/s Vivo Mobile India Pvt. Ltd. File No. 4939/4818/Proposal No. SIA/UP/MIS/39381/2019

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

1. The environmental clearance is sought for development of a manufacturing unit of Mobile Phones and its Hardware Components at Plot No.- 08, Sector- 24,Yamuna Expressway Industrial Develoment Authority, District- Gautam Buddha Nagar, U.P., M/s Vivo Mobile India Pvt. Ltd.
2. The raw material for the manufacturing of the mobile phones will be imported from China & India and only assembling, SMT (Surface Mounting Technology), testing and packing will be done in the proposed industry.
3. The project will be developed in a phase wise manner. Under Phase-I; the development will be done on the plot area 2,44,485.42 sqm (60.4136 acres).
4. Phase- I development will consist of the factory buildings, office buildings, factory cub, warehouse, canteen along with the recruitment centre and security rooms covering built up area 2,60,483.28 sqm.
5. Salient features of the project:

Sr. No.	PARTICULARS	DETAILS
1.	Plot Area as per land possession	6,32,649.00 sqm
2.	Plot area for Phase-I development	2,44,485.42 sqm
3.	Total Built up Area	2,60,483.28 sqm
4.	Proposed FAR for Phase-I (0.733 of the Phase-I plot area)	1,79,213.60 sqm
5.	Estimated Population	13,661
6.	Total water requirement	745 KLD
7.	Fresh water Requirement	271 KLD
8.	Waste Water generation	527 KLD
9.	STP capacity	625 KLD
10.	ETP Capacity	3 KLD
11.	Total Power Requirement	30,000 KW Source: Uttar Pradesh Power Corporation Ltd
12.	Total Power Backup	11 DG sets of capacity 2500 kW each (10 + 1 stand by)
13.	Total solid waste generated	3,418.65 Kg/day (Municipal waste) 5247.5 Kg/month (E waste)
14.	Parking Details (in ECS)	2157 ECS, 495 two wheeler and 28 buses
15.	RWH Tank	2 in number
16.	Project Cost	1877.32 crores

6. Water requirement details:

S. No.	Particular	Basis	Water Demand per capita(LPCD)	Fresh Water (KLD)	Treated Water (KLD)	Total Water Demand (KLD)	Wastewater generation (KLD)
1	Guest Room	25 individuals	86	1.62	0.53	2.15	1.83
2	Guest Staff	2 individuals	30	0.01	0.05	0.06	0.06
3	Factory staff	12,839 individuals	30	94.06	291.11	385.17	366.36
4	Canteen Staff	100 individuals	30	0.73	2.27	3	2.85
5	Canteen Seats	3600	5	18.00	0.00	18	14.40

		individuals					
6	Factory CUB Staff	10 individuals	30	0.07	0.23	0.3	0.29
7	Office Staff	600 individuals	30	4.40	13.60	18	17.12
8	Visitors	85 individuals	15	0.31	0.96	1.275	1.21
9	Landscape	114263.16 sqm	1 ltrs/sqm/day	114.26	0.00	114.26	
10	HVAC, Filter backwash and cooling towers			37	163.00	200.00	120.00
11	Silk Screen Printing Wash			0	2.4	2.4	2.4
Total				270.47 ~271	474.14 ~475	744.62 ~745	526.51 ~527

7. Solid waste generation details:

S. No.	Particular	Basis	Waste Generated per capita	Waste Generation kg/day
1	Guest Room	25 individuals	0.5	12.5
2	Staff for guest room	2 individuals	0.25	0.5
3	Factory staff	12839 individuals	0.25	3,209.75
4	Canteen Staff	100 individuals	0.25	25
5	Factory Cub staff	10 individuals	0.25	2.5
6	Office Staff	600 individuals	0.25	150
7	Visitors	85 individuals	0.15	12.75
8	Landscape area	28.24 acres	0.2 kg/acre/day	5.65
Total				3,418.65

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

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and recommended 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. Electronic waste should be disposed as per E-waste Rules.
2. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.

9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. 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.
13. 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.
14. 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.
15. 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.
16. No parking shall be allowed outside the project boundary.
17. 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.
18. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
19. 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.
20. 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.
21. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
22. 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.
23. 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.
24. 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. 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.
25. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
26. 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.
27. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.

28. 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.
29. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
30. All the internal drains are to be covered till the disposal point.
31. 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.
32. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

8. Residential Colony "R.S. City" at Arazi No.-446 mi, 449, 450, 451, 452, 453, 456, 458 min, 459 min, at Jhansi-Gwalor Highway, Village- Karari, District- Jhansi. M/s Radha Swami Infra Developers Pvt. Ltd. File No. 4933/Proposal No. SIA/UP/NCP/ 39441/2019

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

1. The environmental clearance is sought for Residential Colony "R.S. City" at Arazi No.-446 mi, 449, 450, 451, 452, 453, 456, 458 min, 459 min, at Jhansi-Gwalor Highway, Village- Karari, District- Jhansi. M/s Radha Swami Infra Developers Pvt. Ltd.
2. Area details of the project:

S. No	Details	Area
1	Type of Building	Township and Area Development
2	Total Plot Area	58900 m^2
3	Ground Coverage Permissible	29450 m^2 (50%)
4	Ground Coverage Proposed	19013.00 m^2 (32.2%)
5	Green area required	8825.20 m^2 (15%)
6	Green area provided	8825.20 m^2(15%)
7	Permissible FAR	239147.3 (@4.0)
8	Residential FAR Block-A Block-B Block-C Block-D Block-E Total	 106300.00 m^2 64500.50 m^2 13108.80 m^2 18607.20 m^2 5721.60 m^2 2,08,238.1 m^2
9	Commercial	25103.0 m^2
10	Club House	3836.60 m^2
11	School	1969.60 m^2
12	Total FAR (Residential +Commercial +Club + School)	2,39,147.3m^2 (@4.0)
13	Basement Stilt Mumty Fire Stair Case Non Far Area	43764.00 m^2 15294.00 m^2 937.60 m^2 1558.00 m^2 61553.60 m^2
14	Built Up Area	3,00700.9 m^2
15	No. of Units	1999 Units
16	Water body	800 m^2

3. Land use details:

S. No	Details	Area	Percentage
1	Ground Coverage	19013.00 m^2	32
2	Green area	8825.20 m^2	15
3	Internal road circulation	16998.70 m^2	29
4	Other Services	14063.1 m^2	24

	Total	58900 m^2	100

4. Water requirement details:

S. No.	Description	unit/Area (in m^2)	Total Occupancy	Rate of fresh water demand (lpcd)	Total Fresh Water (KLD)	Rate of Flushing water demand (lpcd)	Total Flushing/Recycled water (KLD)	Total Water Requirement (KLD)
1.	Group Housing Units	1999 units	9995	Fresh Water @ 65 LPCD	650	Flushing Water @ 21 LPCD	210	860
2.	Visitors		1000	Fresh Water @ 5 LPCD	5	Flushing Water @ 10 LPCD	10	15
3.	Staff (including Commercial+ School)		500+ 2500+100 =3100	Fresh Water @ 30 LPCD	93	Flushing Water @ 15 LPCD	47	140
4.	School students		500	Fresh Water @ 30 LPCD	15	Flushing Water @ 15 LPCD	8	23
5.	Water Body		1200 m^3	(5% of capacity)	60		-	60
Total Domestic water					823		275	1098
6.	Horticulture (8825.20 m^2)			5 l/sqm			44	44
7.	HVAC (500 tons)			9 l/ton/hr			12	12
Grand Total					823		331	1154

	Water/Waste Water Details	
	Fresh Water	823KLD
	Flushing	275KLD
	Horticulture / Landscape	44 KLD
	HVAC	12 KLD
	Total Water Requirement	1154 KLD
	Source of water - Ground water supply(Application for NOC from CGWA is in process)	
	Waste water - 880 KLD STP Capacity - 1100 KLD	

5. Parking details:

	Parking Provided	
	Location	General (ECS)
	In Stilt (15294.00 m^2/28 m^2)	546
	Basement 39576.00 m^2/32 m^2)	1236
	In Open(10036.00 m^2/23m^2)	436
	Total	2218 ECS
	10% Visitors parking	222 ECS
	Total Car Parking Provided	2440 ECS
	Two Wheeler Surface Parking (5000/10) m^2)	500 parking Space

6. Solid waste generation details:

S.No.	Particulars	Population	Waste generated (kg/day)
1.	Residential (@0.5kg/day)	9995	4998
2.	Visitors (@ 0.15kg/day)	1000	150
3.	Staff (@0.25 kg/day)	3100	775
4.	School Students (@0.25 kg/day)	500	125

Total Solid waste generated	6048 Kg/day
Horticulture Waste (8825.20 m^2) (0.0037/sqm/day)	33 Kg/Day
E-Waste (0.15 kg/C/Yr)	Approx.6 Kg/Day
STP Sludge(4% of waste water)	35Kg/Day

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

RESOLUTION AGAINST AGENDA NO-08

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

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. Physical features within 30 m of the project sites with their ownership.
7. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
8. Details of rain water harvesting are to be given.
9. Provision of 100% solar lighting along the road site, stair cases, common places.
10. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
11. 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.
12. Water requirement and its management plan along with necessary permissions for discharge.
13. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
14. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
15. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
16. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
17. Landscape plan, green belts and open spaces may be described separately.
18. 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.
19. 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.
20. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
21. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.

22. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
23. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
24. Identification of recyclable wastes and waste utilization arrangements may be made.
25. Explore possibility of generating biogas from biodegradable wastes.
26. 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.
27. Provisions made for safety in storage of materials, products and wastes may be described.
28. Disaster management plan should be prepared.
29. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
30. 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.
31. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
32. Provide service road for entry and exit to project site.
33. Use of local building materials should be described.
34. 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.
35. Work out MGLC for the combined capacity of DG sets.
36. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
37. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
38. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
39. 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.
40. Required no of trees should be proposed @ 01 tree/80 m^2, submit plan.
41. 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.
42. 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.
43. 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.

9. Production of 72000 MTPA Ingot and 71280 MTPA Billets at Khasra No1797 & 1799, Industrial Area, Meerut Road, District-Muzaffarnagar, U.P. M/s Shree Shailja Iron & Steels Pvt. Ltd. File No. 4699/Proposal No. SIA/UP/IND/32103/2019

The committee noted that the matter was earlier discussed in 406th SEAC meeting dated 12/06/2019 and the committee directed is as follows:

"The committee discussed the matter and directed to defer the matter due to wrong information submitted by the project proponent regarding location of the proposed project. The matter will be discussed only after submission of online correct information on prescribed online portal."

The project proponent submitted their replies through letter dated 13/07/2019. A presentation was made by the project proponent along with their consultant M/s Perfact Enviro Solutions Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Production of 72000 MTPA Ingot and 71280 MTPA Billets at Khasra No1797 & 1799, Industrial Area, Meerut Road, District-Muzaffarnagar, U.P. M/s Shree Shailja Iron & Steels Pvt. Ltd.
2. Project details:

Particulars	Details	Unit
Land Area	0.657	ha
Estimated Project Cost	2603.91	Lacs
Proposed Capacity		
Ingot	72000	MTPA
Billets (99% yield for Concast plant)	71280	MTPA
No. of working days per annum	300	days
Output per day	240	MT

3. Raw material:

Raw Material:-		
Particulars	Details	Unit
M.S. Scrap	31304.35	MT
Sponge Iron	48000	MT
Induction Furnace Detail:-		
Furnace Output at 100 % Capacity	12000	kg liquid metal per hour
Size of Crucible	12000	kg per hr
No. of Furnace	2	No.
Total Working Hours in a day	24	hrs
Time taken in a heat	2.5	hrs
No. of Heats per day	10	No.

4. Other project details:

Particulars	Details	Unit
Source of Power- UPPCL (Uttar Pradesh Power Corporation Limited		
Power Requirement	9500	KVA
DG Sets	500	KVA
Total Water Requirement	30	KLD
Waste water generation	9	KLD
Treatment method of waste water generated	Waste water from Domestic & blow down from Cooling Tower will be treated in septic tank followed by soak pit	
APCS Provision at production unit	The entire wastewater after necessary treatment will be recycled for various purposes inside the plant. Domestic wastewater & the blow down from Cooling Tower will be treated in septic tank followed soak pit system. Bag Filter House via a water-cooled duct, gas cooler, FD fan etc. at each production unit with chimney of 30 m above ground level	
Municipal waste	90 kg/day (Bio-degradable- 20 kg/day & Non-Biodegradable-70 kg/day)	

Process Waste	Slag: 60 to 70 ton/day Metallic ash: 100 kg /day End cuts, scales and scraps from Caster
Manpower	200 persons

5. Water requirement details:

S.No.	Activity	Required Quantity (in KLD)	Waste water generation (in KLD)
1	Domestic	9	7
2	Cooling Tower	17	2
3	Gardening	4	0
	Total	30 KLD	9 KLD

6. Municipal Solid waste details:

Category	Type of Waste	Treatment method	Waste (in kg/day)
Bio Degradable	Organic Waste	Shall be disposed off at MSW Site through approved vendor	20
Non-Biodegradable	Recyclable Waste	Shall be given to approved recycler	70
	Total		90 kg/day

7. The project proposal falls under category–5(k) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-09

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) Executive Summary.
2) Introduction :
   i. Details of the EIA Consultant including NABET accreditation
   ii. Information about the project proponent
   iii. Importance and benefits of the project
3) Project Description :
   i. Cost of project and time of completion.
   ii. Products with capacities for the proposed project.
   iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
   iv. List of raw materials required and their source along with mode of transportation.
   v. Other chemicals and materials required with quantities and storage capacities
   vi. Details of Emission, effluents, hazardous waste generation and their management.
   vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
   viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
   ix. Hazard identification and details of proposed safety systems.
   x. Expansion/modernization proposals:
      a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
      b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to

Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.

ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places).

iii. Details w.r.t. option analysis for selection of site

iv. Co-ordinates (lat-long) of all four corners of the site.

v. Google map-Earth downloaded of the project site.

vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.

vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.

viii. Landuse break-up of total land of the project site (identified and acquired), government/ private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)

ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area

x. Geological features and Geo-hydrological status of the study area shall be included.

xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)

xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.

xiii. R&R details in respect of land in line with state Government policy.

5) Forest and wildlife related issues (if applicable):

i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)

ii. Landuse map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha)

iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.

iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon

v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area

vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to

the Standing Committee of the National Board for Wildlife.

6) Environmental Status :

i. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.

ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.

iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.

iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.

v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.

vi. Ground water monitoring at minimum at 8 locations shall be included.

vii. Noise levels monitoring at 8 locations within the study area.

viii. Soil Characteristic as per CPCB guidelines.

ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.

x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule- I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.

xi. Socio-economic status of the study area.

7) Impact and Environment Management Plan:

i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.

ii. Water Quality modelling - in case of discharge in water body

iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum-rail transport shall be examined.

iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.

v. Details of stack emission and action plan for control of emissions to meet standards.

vi. Measures for fugitive emission control

vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.

viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.

ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.

x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.

xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.

xii. Action plan for post-project environmental monitoring shall be submitted.

xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

8) Occupational health :

i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.

ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.

iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,

iv. Annual report of heath status of workers with special reference to Occupational Health and Safety.

9) Corporate Environment Policy :

i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.

ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.

iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.

iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report

v. Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.

10) Enterprise Social Commitment (ESC)
    i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
11) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
12) A tabular chart with index for point wise compliance of above TOR.
13) Details of proposed layout clearly demarcating various units within the plant.
14) Complete process flow diagram describing each unit, its processes and operations, along with material and energy inputs and outputs (material and energy balance).
15) Details on design and manufacturing process for all the units.
16) Details on environmentally sound technologies for recycling of hazardous materials, as per CPCB Guidelines, may be mentioned in case of handling scrap and other recycled materials.
17) Details on requirement of raw materials, its source and storage at the plant.
18) Details on requirement of energy and water along with its source and authorization from the concerned department. Location of water intake and outfall points (with coordinates).
19) Details on toxic metal content in the waste material and its composition and end use (particularly of slag).
20) Details on toxic content (TCLP), composition and end use of chrome slag. Details on the recovery of the Ferro chrome from the slag and its proper disposal.

10. Galgotia University at Plot No.-2, Sector- 17 A, Yamuna Expressway, Greater Noida, District- Gautam Budha Nagar, U.P., M/s Smt. Shakuntala Educational & Welfare Society, File No. 4854/Proposal No. SIA/UP/MIS/107004/2018

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

1. The environmental clearance is sought for Galgotia University at Plot No.-2, Sector- 17 A, Yamuna Expressway, Greater Noida, District- Gautam Budha Nagar, U.P., M/s Smt. Shakuntala Educational & Welfare Society.
2. Environmental Clearance for the earlier proposal was issued by SEIAA, U.P. vide Letter No.1528/Parya/SEAC/1351/2012/DD (D) dated October 07, 2013 for the plot area 2,10,426.8 m^2 (51.998 acres) and built-up area 1, 04,544.322 m^2.
3. Terms of reference for the expansion project was issued by SEIAA, U.P. vide letter no. 298/Parya/SEAC/4258/2018 dated 27/07/2018.
4. Salient features of the project:

Description	Proposed For Expansion
Plot Area	2,10,445.53 m^2

Built-up Area	1,71,977.69 m^2
Green Area	41,827.95 m^2 @ 19.87 % of Plot Area
Total Water Requirement	2,198 KLD
Fresh Water Requirement	679 KLD
Wastewater Generation	1,812 KLD
Total Capacity of STP	2,200 KLD
Solid Waste Generation	10,936 kg/day
Parking Required & Provided	1,427ECS (Including Parking Space for 113 Buses) & 1,514 ECS (Including Parking Space for 134 Buses)
Power Demand & Source	5 MW (by Noida Power Company Limited)
Back up	1,070 kVA (2 x 500 kVA + 2 x 35 kVA)
RWH Pits	11 pits
Total Project Cost	262 Crores
Estimated Time for Project Completion	5 Years

5. Area details of the project:

S. No.	Particulars		Area (m^2)
1.	Total Plot Area		2,10,445.53
2.	Permissible Ground Coverage (@35%)		73,655.93
3.	Proposed Ground Coverage		30,095.365
4.	Total Permissible FAR		3,63,018.53
	Permissible FAR (@1.5)	- 3,15,668.29	
	Permissible Additional FAR under Common Areas (@15%)	- 47,350.24	
5.	Total Proposed FAR Area (A+B)		1,55,996.29
	Proposed FAR		
	Academic Buildings(A1 to A6) & Workshop	- 82,350.352	
	Hostel Blocks (H1 & H2)	- 48,391.634	
	Engineering Block A7	- 17,078.149	
	Dining Block	- 1,378.08	
	B. Achieved Additional FAR under Common Areas		
	Hostel Blocks (H1 & H2)	- 5,270.08	
	Engineering Block A7	- 1,527.999	
6.	Total Non- FAR Area		15,981.4
	Hostel Blocks (H1 & H2)	- 1,241.83	
	Engineering Block A7	- 299.57	
	Meter Room	- 40.00	
	Multi- Level Car Parking (MLCP)	- 14,400.00	
7.	Total Built-up Area (5+6)		1,71,977.69
8.	Proposed Green Area @ 19.87% of Plot Area		41,827.95
9.	Height of the highest Building		37.57 m

6. Water requirement details:

S. No.	Description	Occupancy	Rate of water demand (lpcd)	Total Water Requirement (KLD)
A.	DOMESTIC WATER			
(a)	Hostellers	2,736	@ 86	236
(b)	Floating Population (Academic & Ancillary Facilities)	37,785	@ 45	1,700
(c)	Visitors	800	@15	12
(d)	Lab Work			2
TOTAL DOMESTIC WATER DEMAND				1,950 KLD
B.	HORTICULTURE	41,827.95 m^2	6 lt/sqm/day	251
GRAND TOTAL (A+B)				2,201 KLD

7. Waste water calculation details:

Domestic Water Requirement	1,948 KLD

(Not Including Lab Work Water)	
1) For Residential Population	236 KLD
Potable (70% of Residential)	165 KLD
Flushing (30% of Residential)	71 KLD
2) For Floating Population	1,712 KLD
Potable (30% of Floating)	514 KLD
Flushing (70% of Floating)	1,198 KLD
Total Potable Water (Fresh Water)	165 + 514 + 2 = 681 KLD
Total Flushing Water	71 + 1,198 = 1,269 KLD
Domestic Wastewater Generated (@ 80% fresh domestic water + 100% flushing)	543 + 1,269 = 1,812 KLD

8. Solid waste details:

S. No.	Category	kg per capita per day	Waste generated (kg/day)
A.	Domestic Waste		
(a)	Hostellers	2,736 @ 0.5	1,368
(b)	Floating Population Academic/Anciliary Visitors	37,785 @ 0.25 800 @ 0.15	9,566.25
B.	Landscape waste (10.33 acres)	@ 0.2 kg/acre/day	2.06
	TOTAL SOLID WASTE GENERATED (A+B)		10,936.31 kg/day say 10,936 kg/day
E-Waste Generation			
A.	Students + Teachers + Management	40,521 @ 0.15 kg/C/Yr	6,078 Kg/Year

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

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter and recommended 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 alternatives 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. 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.
12. 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.
13. 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.
14. 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.
15. No parking shall be allowed outside the project boundary.
16. 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.
17. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
18. 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.
19. 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.
20. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
21. 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.
22. 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.
23. 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. 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.
24. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
25. 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.
26. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
27. 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.
28. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
29. All the internal drains are to be covered till the disposal point.

30. 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.
31. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

11. Expansion of Commercial Block at KDA Signature Green City, UPSRTC Campus, Vikas Nagar, Purana Kanpur, District-Kanpur Nagar, U.P. Executive Enginner, Kanpur Development Authority, Motijheel Kanpur, Kanpur Nagar, U.P. File No. 4843/Proposal No. SIA/UP/MIS/103306/2019

The committee noted that the matter was earlier discussed in 405th SEAC meeting dated 11/06/2019 and the committee directed is as follows:

> "A presentation was made by the project proponent along with their consultant M/s Sawen Consultancy Services Pvt. Ltd. The committee discussed the matter and directed to defer the matter due to unavailability of structural design certificate. The matter will be discussed only after submission of online information on prescribed online portal."

The project proponent submitted their replies through letter dated 23/07/2019. A presentation was made by the project proponent along with their consultant M/s Sawen Consultancy Services Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Expansion of Commercial Block at KDA Signature Green City, UPSRTC Campus, Vikas Nagar, Purana Kanpur, District-Kanpur Nagar, U.P. M/s Kanpur Development Authority.
2. Comparative details of the project:

Details	Existing	Proposed	Total
Plot area	9024 m^2	No change	9024 m^2
Ground Coverage	3368 m^2	No change	3368 m^2
Road Area	3637 m^2	No change	3637 m^2
Built-up Area	19891 m^2	19355 m^2	39246 m^2
Green Area	2019 m^2	No change	2019 m^2
Total Expected Population	1725 persons	2300 persons	4025 persons
Electric Load	11 KV Network	No change	11 KV Network
Standby DG Set:	02nos., 250 KVA	No change	02nos., 250 KVA
Source of water supply	Municipal Water Supply	No change	Municipal Water Supply
Total Consumption of Water	60 KLD	20 KLD	80 KLD
Total MSW generated	411.25 Kg/Day	295 Kg/Day	706.25 Kg/Day
Total Transit Centers	01 no.	No change	01 no.
Proposed rainwater harvesting pits	04 no.	No change	04 no.
STP capacity	75 KLD STP	15 KLD	90 KLD STP
Stack Height from tallest building	4.47 m	No change	4.47 m
Total Project Cost	63 Crore	35.79 Crore	98.79 Crore
Project Completion	2019	2020	2020

3. Land use details:

S. No	Particulars	Area (m^2)	Percentage
1	Ground coverage	3368.00	37.32
2	Road Area	3637.00	40.30
3	Green Area (Soft green)	1534.08	17.00
4	Green Area (Hard green)	484.92	5.38
Total Plot area		9024.00	100.00

4. Population details:

S. NO.	STAFF DESIGNATION	Population
1.	Commercial office Staff	1000
2	Visitors	3000
3	Building Mmaintance Staff	25
	Total	4025

5. Water requirement details:

S.No.	Water Use	Population	Per Capita in (LPCD)	Water Requirement (KLD)	Waste Water Generation (KLD)
1.	Commercial Office staff	1000	45	45	36
2.	Building Maintenance Staff	25	45	1.12	0.9
3.	Visitors	3000	10	30	24
REQUIREMENT TOTAL DOMESTIC WATER				76.12	60.9
4.	D.G. Set Cooling	250 KVA x 02 nos.	0.9 l/KVA/4 hr.	1.82	Nil
5.	Gardening/Landscape Area	2019 m^2	1 l/m^2	2.01	Nil
TOTAL WATER REQUIREMENT				79.85 Say 80	60.9 say 61

6. Total expected MSW: 706.25 Kg/day.
7. The project proposal falls under category–8(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-11

The committee discussed the matter and recommended 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 alternatives 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. 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.

12. 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.
13. 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.
14. 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.
15. No parking shall be allowed outside the project boundary.
16. 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.
17. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
18. 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.
19. 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.
20. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
21. 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.
22. 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.
23. 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. 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.
24. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
25. 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.
26. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
27. 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.
28. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
29. All the internal drains are to be covered till the disposal point.
30. 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.
31. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

12. Shopping Mall "Mall of India" at plot No. M-03, Sector - 18, Noida, Gautam Budh Nagar, U.P. , M/s DLF Limited. File No. 3964/Proposal No. SIA/UP/NCP/ 21358/2017

RESOLUTION AGAINST AGENDA NO-12

The committee noted the environmental clearance for the above project was issued through SEIAA letter no. 203/Parya/SEAC/3964/2017, dated 26/02/2018 for the name of "Expansion of Shopping Mall "Mall of India" at plot no. M-03, Sector-18, Noida, Gautam Budh Nagar, U.P., M/s DLF Limited." The project proponent submitted online application on 16/07/2019 regarding change the name of the project proponent from M/s DLF Limited at Sector-18, Noida, Uttar Pradesh to M/s Paliwal Real Estate Limited, DLF Centre, Sansad Marg, New Delhi – 110001.

The committee gone through the documents submitted by project proponent and presentation made before SEAC, recommended to change the name of the project proponent from M/s DLF Limited at Sector-18, Noida, Uttar Pradesh to M/s Paliwal Real Estate Limited, DLF Centre, Sansad Marg, New Delhi – 110001.

Rest all the contents mentioned in environmental clearance letter no. 203/Parya/SEAC/3964/2017, dated 26/02/2018 shall remain unchanged.

(Dr. Sarita Sinha)
Member

(Dr. Arvind Mathur)
Member

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Richhpal Singh Sangu)
Member

(Shri Ramesh Chand Kataria)
Member

(Shri Rajive Kumar)
Member

(Dr. Ajoy Kumar Mandal)
Member

(Shri Meraj Uddin)
Member

(Dr. (Prof.) S. N. Singh)
Chairman