

Minutes of 430th SEAC Meeting Dated 06/11/2019

The 430th meeting of SEAC was held in Directorate of Environment, U.P. on 06/11/2019 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Arvind Mathur,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Richhpal Singh Sangu,	Member
6.	Dr. Ranjeet Kumar Dalela,	Member
7.	Shri Ramesh Chand Kataria,	Member
8.	Shri Meraj Uddin,	Member

The Chairman welcomed the members to the 430th SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. "SGS City-1" PMY at Village-Akbarpur and Behrampur Khasra No.-1, 2, 3, 4, 5, 6, 6p, 7, ,16 ,17, 18m, 19p, 20m, 21p, Village-Shahbad Urf Mithhepur Khasra No.-46, 47, 48, 49, Village-Mirzapur Khasra No.-126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137,Near Indrapuram, NH24, Distt- Ghaziabad, U.P. M/s SGS Construction and Developer Pvt. Ltd., File No. 5097/Proposal No. SIA/UP/NCP/43416/2019

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult,. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for "SGS City-1" PMY at Village-Akbarpur and Behrampur Khasra No.-1, 2, 3, 4, 5, 6, 6p, 7, ,16 ,17, 18m, 19p, 20m, 21p, Village-Shahbad Urf Mithhepur Khasra No.-46, 47, 48, 49, Village-Mirzapur Khasra No.-126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, Near Indrapuram, NH-24, Distt- Ghaziabad, U.P. M/s SGS Construction and Developer Pvt. Ltd.,
2. Salient features of the project:

Sl. No.	Description	Quantity	Unit
GENERAL			
1	Gross Plot Area	99517	SQMT
2	Proposed Built Up Area	530609.16	SQMT
3	Total no of Saleable DU's	2080	No.
4	EWS Units	1493	No.
5	Max Height of Building (Upto Terrace)	113.7	M
6	Max No of Floors	2/3B+G+35	No.
7	Expected Population (17865 Residential+ 18889 Floating)	36754	No.
8	Cost of Project	663.26	CR
9	Proj Activity : Residential complex with General & EWS Housing, Commercial / shopping, School, Post office, Police post, Rly Reservation & ATM facilities		
AREAS			
10	Permissible Ground Coverage Area (50%)	49758.50	SQMT
11	Proposed Ground Coverage Area (21.45%)	21348.81	SQMT
12	Permissible FAR Area (350+5% for Green Rating)	360749.13	SQMT
13	Proposed FAR Area (359.3)	357541.35	SQMT

14	Non FAR areas - Basement, stilt, mummy Machine rm etc.	173067.81	SQMT
15	Proposed Total Built Up Area	530609.16	SQMT
WATER			
16	Total Water Requirement	1982.59	KLD
17	Fresh water requirement	1343.28	KLD
18	Treated Water Requirement	639.31	KLD
19	Waste water Generation	1669.49	KLD
20	Proposed Capacity of STP	2000	KLD
21	Treated Water Available for Reuse	1335.59	KLD
22	Treated Water Recycled	639.31	KLD
23	Surplus treated water to be discharged in Municipal Sewer	696.29	KLD
PARKING			
24	Total Parking Required as / Building Bye Laws	3124 ECS + 1643 Scooters	ECS
25	Proposed Total Scooter Parking in Open & Under Stilt	1647	No.
26	Proposed Total Car Parking	3331 CARS/4036 ECS	ECS
27	Parking on Surface	20	ECS
28	Parking in Basements	3311	ECS
GREEN AREA			
29	Required Green Area (15% of plot area)	14927.55	SQMT
30	Proposed Green Area (15.004% of plot area)	14931.37	SQMT
WASTE			
31	Total Solid Waste Generation	11.26	TPD
32	Organic waste	6.78	TPD
33	Quantity of E-Waste Generation- Kg/Day	61.18	KG/DAY
34	Quantity of Hazardous waste Generation	8.10	LPD
35	Quantity of Sludge Generated from STP	342	KG/DAY
ENERGY			
36	Total Power Requirement	13190	KW
37	DG set backup	11950	KVA
38	No of DG Sets	19	No.

3. Water Requirement details:

	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN KL
RESIDENTIAL			
DOMESTIC	17865	65	1161.23
FLUSHING	17865	21	375.17
NON RESIDENTIAL (Working)			
DOMESTIC	3880	25	97.01
FLUSHING	3880	20	77.61
VISITORS			
DOMESTIC	15009	5	75.04
FLUSHING	15009	10	150.09
TOTAL POPULATION	36754		
	Area in sqm		
GARDENING	14931	1	14.93
D G COOLING	11950	0.9	21.51

WATER BODY	1		10
TOTAL WATER REQUIREMENT			1982
Head	Source		Quantity
Fresh Water Requirement	Ghaziabad Municipal Corporation		1343 KLD
Treated Water Requirement	On site STP treated water		639 KLD

4. Parking details:

Particulars	Number
Total Parking Required as / Building Bye Laws	3124 ECS + 1643 Scooters
Proposed Total Scooter Parking in Open & Under Stilt	1647
Proposed Total Car Parking	3331 CARS/4036 ECS
Parking on Surface	20
Parking in Basements	3311

5. Solid waste generation details:

S.No.	Particulars	Quantity	Unit
1	Total Waste Generation	11.26	TPD
2	Organic Waste Generation	6.78	TPD
3	E-Waste Generation	61.2	KG/Day
4	Hazardous Waste Generation (DG Waste Oil)	8.10	Lts/ Day
5	Sludge Generation	342	KG/Day

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

RESOLUTION AGAINST AGENDA NO-01

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

1. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
2. Allotment letter from concerned development authority.
3. All approved drawings/maps alongwith approved services plans.
4. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
5. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
6. Complete Gata/Khasra no. of the project alongwith soft and hard copy should be submitted in table format with proper calculation.
7. Physical features within 30 m of the project sites with their ownership.
8. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
9. Use of reflecting paints on roof top and side walls.
10. Details of rain water harvesting are to be given.
11. Provision of 100% solar lighting along the road site, stair cases, common places.
12. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
13. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated

water by recycling and utilization of rainwater.

14. Water requirement and its management plan along with necessary permissions for discharge.
15. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
16. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
17. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
18. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
19. Landscape plan, green belts and open spaces may be described separately.
20. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
21. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
22. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
23. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
24. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
25. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
26. Identification of recyclable wastes and waste utilization arrangements may be made.
27. Explore possibility of generating biogas from biodegradable wastes.
28. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
29. Provisions made for safety in storage of materials, products and wastes may be described.
30. Disaster management plan should be prepared.
31. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
32. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
33. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
34. Provide service road for entry and exit to project site.
35. Use of local building materials should be described.
36. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
37. Work out MGLC for the combined capacity of DG sets.
38. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
39. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
40. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.

41. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
42. Required no of trees should be proposed @ 01 tree/80 m², submit plan.
43. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.
44. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
45. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

General Guidelines:

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

by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.

- h. The EIA document shall be printed on both sides, as far as possible.

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

2. "SGS City-2" PMAY at Village-Akbarpur and Behrampur Khasra No.- 4, 7, 8, 9, 10, 13,15, 16, 21P, 22, 23, 24 Village-Shahbad Urf Mithhepur, Khasra No:- 44M & 45. Village-Mirzapur, Khasra No:113P, 114P, 115P, 116M, 117P, 118M, 119, 120, 121P, 123, 124, 125, 126, 127, 129, 136, 137, 138, 139, 140, 141P, 142 Near Indrapuram, NH24, Dist. Ghaziabad, U.P. M/s SGS Construction and Developer Pvt. Ltd., File No. 5098/Proposal No. SIA/UP/NCP/43420/2019

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for "SGS City-2" PMAY at Village-Akbarpur and Behrampur Khasra No.- 4, 7, 8, 9, 10, 13,15, 16, 21P, 22, 23, 24 Village-Shahbad Urf Mithhepur, Khasra No:- 44M & 45, Village-Mirzapur, Khasra No:113P, 114P, 115P, 116M, 117P, 118M, 119, 120, 121P, 123, 124, 125, 126, 127, 129, 136, 137, 138, 139, 140, 141P, 142 Near Indrapuram, NH24, Dist. Ghaziabad, U.P. M/s SGS Construction and Developer Pvt. Ltd.,
2. Salient Features details:

Sl. No.	Description	Quantity	Unit
GENERAL			
1	Gross Plot Area	99512	SQMT
2	Proposed Built Up Area	534267.04	SQMT
3	Total no of Saleable DU's	2078	No.
4	EWS Units	1493	No.
5	Max Height of Building (Upto Terrace)	113.7	M
6	Max No of Floors	2/3B+G+35	No.
7	Expected Population (17855 Residential+18701 Floating)	36556	No.
8	Cost of Project	667.83	CR
9	Proj Activity : Residential complex with General & EWS Housing, Commercial & convt shopping, School, Post office, Police post, Rly Booking & ATM facilities		
AREAS			
10	Permissible Ground Coverage Area (50%)	49758.50	SQMT
12	Proposed Ground Coverage Area (20.51 %)	20415.41	SQMT
13	Permissible FAR Area (350+5% for Green Rating)	360749.13	SQMT
14	Proposed FAR Area (359.3)	355564.79	SQMT
15	Non FAR areas - Basement, stilt, mumty Machine rm etc.	178702.25	SQMT
16	Proposed Total Built Up Area	534267.04	SQMT
WATER			
17	Total Water Requirement	1968.49	KLD
18	Fresh water requirement	1330.96	KLD
19	Treated Water Requirement	637.53	KLD
20	Waste water Generation	1665.17	KLD
21	Proposed Capacity of STP	2000	KLD
22	Treated Water Available for Reuse	1332.14	KLD
23	Treated Water Recycled	637.53	KLD
24	Surplus treated water to be discharged in Municipal Sewer	694.61	KLD

PARKING			
25	Total Parking Required as / Building Bye Laws	3103 ECS + 1643 Scooters	ECS
26	Proposed Total Scooter Parking in Open & Under Stilt	1647	No.
27	Proposed Total Car Parking	3526 CARS/4189 ECS	ECS
28	Parking on Surface	6	ECS
29	Parking in Basements	3520	ECS
GREEN AREA			
30	Required Green Area (15% of plot area)	14927.55	SQMT
31	Proposed Green Area (15.004% of plot area)	14931.62	SQMT
WASTE			
32	Total Solid Waste Generation	11.24	TPD
33	Organic waste	6.76	TPD
34	Quantity of E-Waste Generation- Kg/Day	61.15	KG/DAY
35	Quantity of Hazardous waste Generation	8.40	LPD
36	Quantity of Sludge Generated from STP	341	KG/DAY
ENERGY			
37	Total Power Requirement	13220	KW
38	DG set backup	12330	KVA
39	No of DG Sets	20	No.

3. Water requirement details:

	POPULATION/ UNIT	AREA/ UNIT	RATE IN LTS	TOTAL QTY IN KLD
RESIDENTIAL				
DOMESTIC	17855		65	1160.58
FLUSHING	17855		21	374.96
NON RESIDENTIAL (Working)				
DOMESTIC	3844		25	96.10
FLUSHING	3844		20	76.88
VISITORS				
DOMESTIC	14856		5	74.28
FLUSHING	14856		10	148.56
TOTAL POPULATION				
GARDENING	14932 sqm		1	14.93
D G COOLING	12330 KVA		0.9	22.19
TOTAL WATER REQUIREMENT				1969

4. Waste generation details:

S. No.	Particulars	Quantity	Unit
1	Total Waste Generation	11.24	TPD
2	Organic Waste Generation	6.76	TPD
3	E-Waste Generation	61.15	KG/Day
4	Hazardous Waste Generation (DG Used Oil)	8.40	Lit/ Day
5	Sludge Generation	341	KG/Day

5. Parking details:

Details	No. of Parking	Unit
Total Parking Required as / Building Bye Laws	3103 ECS + 1643 Scooters	ECS
Proposed Total Scooter Parking in Open & Under Stilt	1647	No.
Proposed Total Car Parking	3526 CARS/4189 ECS	ECS
Parking on Surface	6	ECS

Parking in Basements	3520	ECS
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6. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-02

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

1. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
2. Allotment letter from concerned development authority.
3. All approved drawings/maps alongwith approved services plans.
4. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
5. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
6. Complete Gata/Khasra no. of the project alongwith soft and hard copy should be submitted in table format with proper calculation.
7. Physical features within 30 m of the project sites with their ownership.
8. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
9. Use of reflecting paints on roof top and side walls.
10. Details of rain water harvesting are to be given.
11. Provision of 100% solar lighting along the road site, stair cases, common places.
12. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
13. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and utilization of rainwater.
14. Water requirement and its management plan along with necessary permissions for discharge.
15. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
16. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
17. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
18. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
19. Landscape plan, green belts and open spaces may be described separately.
20. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
21. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
22. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
23. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.

24. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
25. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
26. Identification of recyclable wastes and waste utilization arrangements may be made.
27. Explore possibility of generating biogas from biodegradable wastes.
28. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
29. Provisions made for safety in storage of materials, products and wastes may be described.
30. Disaster management plan should be prepared.
31. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
32. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
33. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
34. Provide service road for entry and exit to project site.
35. Use of local building materials should be described.
36. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
37. Work out MGLC for the combined capacity of DG sets.
38. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
39. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
40. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
41. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
42. Required no of trees should be proposed @ 01 tree/80 m², submit plan.
43. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.
44. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
45. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

General Guidelines:

- a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:

- I. “There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent.”
 - II. “No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).
 - III. “I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost.”
 - IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.
- b. Another legal affidavit by the consultant stating “(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct”, as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.
 - c. Current site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
 - d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.
 - e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
 - f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
 - g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.
 - h. The EIA document shall be printed on both sides, as far as possible.

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

3. Establishment of new Distillery having Capacity:160 KLD(80 KLD Molasses/Cane Juice + 80 KLD grain based distillery) along with 7 MW co-gen power at Khasra No.- 103,46,53,37,39,59,23,41,49mi,56,60,61, 62,65,70,37,39,59,36mi,38,46mi,49,50, 51, 52, 54, 55, 57, 63, 64, 71, 72, 73, 74, 76, 80, Village- Shalpur Navadiya, Katra, Tehsil- Tilhar, District- Shahjahanpur., M/s Rajeshree Fine Chemical Industries India Pvt. Ltd. File No. 5107/Proposal No. SIA/UP/IND2/44203/2019

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

1. The environmental clearance is sought for Establishment of new Distillery having Capacity:160 KLD (80 KLD Molasses/Cane Juice + 80 KLD grain based distillery) along with 7 MW co-gen power at Khasra No.- 103,46,53,37,39,59,23,41,49mi,56,60,61, 62,65,70,37,39,59,36mi,38,46mi,49,50, 51, 52, 54, 55, 57, 63, 64, 71, 72, 73, 74, 76, 80, Village- Shalpur Navadiya, Katra, Tehsil- Tilhar, District- Shahjahanpur, U.P., M/s Rajeshree Fine Chemical Industries India Pvt. Ltd.
2. Salient Features details:

Sr. No.	Particulars	Details	
1	Proposed capacity of Plant	Establishment of Distillery having capacity 160 KLD (Molasses / Cane Juice based – 80 KLD and Grain based – 80 KLD) along with 5.0 MW Co gen Power .	
2	Proposed Project Location	Khasra No – 103, 46, 53, 37, 39, 59, 23, 41, 49Mi, 56, 60, 61, 62, 65, 70, 37, 39, 59, 36Mi, 38, 46Mi, 49, 50, 51, 52, 54, 55, 57, 63, 64, 71, 72, 73, 74, 76, 80, village: Shalpur Navadiya, Tehsil ; Tilhar, Distt; Shahjahanpur, UP	
3	Total project cost	Rs 14659 Lakhs (Estimated)	
4	Total project area	Total Land for Proposed Distillery - 9.856 Hectare (33% of the project area will be covered under green belt plantation of 3.26 Hectare)	
5	Category of Project	Category : B and Schedule : 5 (g)	
6	Process Involve	Fermentation & Distillation (Molasses Based) Liquefaction, Fermentation, Distillation, Evaporation, & Dryer (Grain Based)	
7	No of Working Days	Season (Approx : 365 Days)	
8	Raw material and its Quantity	Plant I	Plant II
		80 KLD Molasses / Cane Juice Based	80 KLD Grain Based
		355 MT/Day	176 MT/Day
		For Cane Juice : 1250 TCD Sugar Cane Crushing Unit will be installed.	
9	Product and its Quantity	RS/ENA/AA – 160 KLD	
10	Co gen power generation	5.0 MW Co gen Power .	
11	Fresh Water Requirement (Industrial)	Plant I (Molasses / Cane Juice)	Plant II (Grain based)
		480.0 KLD (@ 6.0 KL/KL of Products)	464.0 KLD (@ 5.8 KL/KL of products)
		Total fresh water requirement of the project will be 944 KLD (@ 5.9 KL/KL of product).	
12	Power requirement	2550 KWH Source –Co Generation Power Plant – 5.0 MW (In House)	
13	Fuel and its quantity	Slop will be incinerated in boiler along with Bagasse as supporting fuel. Bagasse: 192 TPD Slop Requirement : 240 KLD	
14	Steam requirement	Plant I	Plant II
		80 KLD Molasses / Cane Juice	80 KLD Grain Based
		12.72 TPH	15.36 TPH

15	Number of boiler proposed	1 Number 40 TPH Slop/Bagasse Fired Boiler
16	Air Pollution Control Device	Bag Filter (Efficiency 99.9 %)
17	Number of Stack	01 No height : 74 meters
18	Waste Water Generation	Unit – I (Molasses/ Cane Juice) – Spent Wash Generation - 624 m ³ /day, Unit- II (Grain Based) - Spent wash generation will be 480 m ³ /day.
19	Waste Water treatment	Plant – I (80 KLD Molasses / Cane Juice based): Spent wash will be concentrated in Multi effect evaporation and then concentrate from MEE will be used as fuel in incineration boiler of capacity 40.0 TPH along with bagasse/other biomass. Plant – II (80 KLD Grain based) : Spent Wash (Slops) generation from Distillation, will be sent through separation of suspended solids in Decanter Centrifuge, part Thin Slops are concentrated in Multi-effect evaporators to form a Thick (Protein) Syrup, which is mixed with the Wet Cake DWG separated earlier from Decanters. This interim product called DWGS has 30-32% w/w Solids is subject to drying in a rotating steam tube bundle dryer to deliver a value added by-product – DDGS – Distillers Dried Grains with soluble and which has min. 90% Solids and max. 10% moisture. This DDGS sells as Cattle Feed / Poultry Feed / Fish Feed based on its Protein Content. Other Effluent : Secondary effluent like MEE condensate and Blow down, lees will be treated in Secondary ETP and reutilized in process and other use.
20	Waste Water Discharge	Unit will be Zero Liquid Discharge Based
21	Solid Waste Generation	Total Ash 46 MT/Day: Due to high potash content will be used as manure Yeast Sludge: 16 MT/Day will be sold to farmers Condensate Polishing Unit Sludge: 5 KLD will be sold to the farmers Cattle Feed DDGS : 27 TPD will be sold as Cattle Feed Press Mud: 50 TPD will be supplied to the farmer as having good nutrient value Bagasse 475 TPD will be used as supporting fuel in Slop fired boiler.
22	Green Belt Development	Approx. 33.0 % of total green belt will be development and maintained.
23	Cost towards Environmental Protection measures (capital cost) after proposed expansion	3445.0 Lakh
24	Recurring cost towards Environmental control measures	350.0 Lakh per year
25	CER expenses	219.0 Lakhs (@ 1.5 % of total project cost)

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

RESOLUTION AGAINST AGENDA NO-03

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. Land use 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, NO_x, 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 NAQPM 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 health 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
- 10) 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.
- 11) 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.
- 12) 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.
- 13) A tabular chart with index for point wise compliance of above TOR.

A. Specific Terms of Reference for EIA studies for distilleries:

- 1. List of existing distillery units in the study area along with their capacity and sourcing of raw material.
- 2. Number of working days of the distillery unit.
- 3. Details of raw materials such as molasses/grains, their source with availability.
- 4. Details of the use of steam from the boiler.
- 5. Surface and Ground water quality around proposed spent wash storage lagoon, and compost yard.
- 6. Plan to reduce spent wash generation within 6-8 KL/KL of alcohol produced.
- 7. Proposed effluent treatment system for molasses/grain based distillery (spent wash, spent lees, condensate and utilities) as well as domestic sewage and scheme for achieving zero effluent discharge (ZLD).
- 8. Proposed action to restrict fresh water consumption within 10 KL/KL of alcohol production.
- 9. Details about capacity of spent wash holding tank, material used, design consideration. No. of piezometers to be proposed around spent wash holding tank.
- 10. Action plan to control ground water pollution.
- 11. Details of solid waste management including management of boiler ash, yeast, etc. Details of incinerated spent wash ash generation and its disposal.
- 12. Details of bio-composting yard (if applicable).
- 13. Action plan to control odour pollution.
- 14. Arrangements for installation of continuous online monitoring system (24x7 monitoring device).

4. Expansion of "Candor Techspace" IT Park at Block-B, Plot No.-02, Sector-62, Noida., M/s Shantiniketan Properties Pvt. Ltd., File No. 5112/Proposal No. SIA/UP/NCP/44311/2019

RESOLUTION AGAINST AGENDA NO-04

The project proponent through letter dated 05/11/2019 has requested to list the matter in upcoming SEAC meeting. The committee discussed matter and directed to defer the matter as request made by the project proponent. The matter will be discussed only after submission of complete information on prescribed online portal.

5. IT/ITES Project at Plot No.-18, Techzone-IV, Greater Noida, District- Gautam Budh Nagar., M/s RMA Software Park Pvt. Ltd., File No. 5123/Proposal No. SIA/UP/NCP/44697/2019

RESOLUTION AGAINST AGENDA NO-05

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.

6. Proposed 100 KLPD (60 klpd Molasses and 40 KLPD Grain) Multifeed Distillery at Gata No.-135, 139, 140, 141, 142, 143, 145, 153, 154, 155, 156, 157, 1, Village- Aurangabad, Tehsil- Nawabganj, District- Bareilly, U.P., M/s Oswal Overseas Ltd., File No. 5053/Proposal No. SIA/UP/IND2/42553/2019

A presentation was made by the project proponent along with their consultant M/s Mantras Green Resources Ltd. The committee discussed the matter and directed the project proponent to submit following information:

1. In table 1.2 of EIA report, the proposed distillery M/s Oswal Overseas Ltd. is proposed to be installed in the same complex, where 3500 TCD sugar mill already exists under the same name Oswal Overseas Ltd. It is, therefore, a case of expansion not a new project. The project proponent should submit the certified compliance report of the previous EC of sugar mill, and the project may be submitted as expansion.
2. The proposal is for an EC of 100 KLPD. (60 KLPD molasses base and 40 KLPD grain based multifeed distillery). As technically it is not possible to feed molasses and grain at the same time in a distillery, then how 100 KLPD can be achieved. Practically both the process cannot be performed together in a distillery. Under these circumstances, the capacity can be maximum up to 60 KLPD. This should be clarified and changed accordingly in the EIA report and form-1.
3. Efficiency of the pollution control equipments proposed and the level of pollutants emission level expected has not been shown in the EIA report. A comparison of the emission level with the expected analysing result with standard shall also be provided.
4. It is mentioned that monitoring was carried out by Shiva Test Home. Its accreditation need to be provided in the EIA report. No analysing report has been signed in the EIA report by the lab representative.
5. Wind-rose diagram in the EIA report is not clear; therefore need to be provided again.
6. In para no. 2.8.3, total water requirement proposed in 540 KLD for molasses based and 293 KLD for grain based. The total water consumption is $540+293 = 833$ KLD. It is mentioned that it will be met from ground water and permission from Irrigation Department will be obtained. This is an incorrect statement. Irrigation Department does not provide ground water extraction approval. This is in the jurisdiction of CGWA. Approval obtained from CGWA for sugar industry and as well as distillery proposed need to be provided.
7. As mentioned in the EMP, ZLD and MEE is not a part of EMP therefore EMP to be revised accordingly. Generally the ZLD and MEE are considered as part of the process.
8. Air Quality monitoring location shall be in accordance with the wind-rose pattern as well as of the surrounding location. Proper justification for the selection of the monitoring station for air quality monitoring shall be provided.

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

7. Construction of “United Medical College & Hospital, Dental College, Engineering College and University” at plot/survey/khasra no. part of 18, 19, 20, 24, 25/1, 25/2, 25/3 mi, 25 sa, 26/1, 26/2, part of 42/1, 42/2 mi, 43 sa, 44/2, 45, 46/1, 46/2, 47, 48, 50/2, 52, 53/1, 54, 55, 70, Village Jalalpur Ghosi and Rawatpur, Tehsil Sadar, District Prayagraj, U.P., M/s Shiv Ram Das Gulati Memorial Society. File No. 5093/Proposal No. SIA/UP/MIS/119396/2019

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

1. The environmental clearance is sought for Construction of “United” Medical college & Hospital, Dental College, Engineering college and University at plot/survey/khasra no. part of 18, 19, 20, 24, 25/1, 25/2, 25/3 mi, 25 sa, 26/1, 26/2, part of 42/1, 42/2 mi, 43 sa, 44/2, 45, 46/1, 46/2, 47, 48, 50/2, 52, 53/1, 54, 55, 70, Village Jalalpur Ghosi and Rawatpur, Tehsil Sadar, District Prayagraj, U.P., M/s Shiv Ram Das Gulati Memorial Society.
2. Salient features of the project:

DESCRIPTION	DETAILS
Type of Project	“Construction of “United” Medical college & Hospital, Dental College, Engineering college and University”
Project Proponent	M/s Shiv Ram Das Gulati Memorial Society
Location	Village Jalalpur Ghosi and Rawatpur, Tehsil Sadar, District Prayagraj , Uttar Pradesh.
Total Plot Area	273799.5 m ²
Total Built-Up Area	137918.493 m ²
Estimated Population	2579 persons.
Water Requirement	336 KLD
Solid Waste Generated	1296 kg/day
DG set	(3×125) kVA
No. of RWH pits	32 pits
Total parking proposed	1598 ECS

3. Area details of the project:

S. N.	Particulars	Area (in m ²)
1.	Total Area	273799.5
	Plot area for A & B Blocks	81567.0
	Plot area for C, D & E Blocks	192232.5
2.	Total Permissible ground coverage (@ 35% of Total area)	95829.825
	Permissible ground coverage (@ 35% plot area, For A+B blocks)	28548.45
	Permissible ground coverage (@ 35% plot area, For C+D+E blocks)	67281.375
3.	Total Proposed ground coverage (@ 12.36% of Total Area)	33847.722
	Proposed ground coverage (@ 26.16% plot area, for A+B blocks)	21341.0
	Proposed ground coverage (@ 6.5% plot area, For C+D+E blocks)	12506.722
4.	Total Permissible FAR (@ 2 of Total Area)	547599.0
	Permissible FAR (@ 2 of Plot Area) for A+B blocks	163134
	Permissible FAR (@ 2 of Plot Area) For C+D+E blocks	384465
5.	FAR Calculation for A block (Hospital)	49016.73
	Ground floor	10409.66
	First Floor	8882.44
	Second Floor	10427.18
	Third Floor	3859.48
	Fourth Floor	3859.48
	Fifth Floor	3859.48

	Sixth Floor	3859.48
	Seventh Floor	3859.52
6.	FAR Calculation for B block (Medical College)	15148.46
	Ground Floor	3643.27
	First Floor	3240.51
	Second Floor	3643.27
	Third Floor	3240.51
	Fourth Floor	1380.90
7.	Intern Hostel girls	5117.89
8.	Intern Hostel Boys	5117.89
9.	Nurse and Non-teaching Staff residence	7846.56
10.	Teaching Residence	2919.12
11.	Studio Flats	4191.6
12.	Dinning/ Kitchen	640.97
13.	Service Building	308.27
14.	FAR Calculation for C block (University Building)	14226.43
	Ground Floor	4523.059
	First Floor	4509.239
	Second Floor	5194.132
15.	VC Bungalow	448.28
16.	Pro VC Bungalow	350.69
17.	Registrar Residence	350.69
18.	HOD Residence	4073.84
19.	Staff Residence Type II	3741.12
20.	Type III Residence	8578.24
21.	Class IV Residence	1327.52
22.	Service Building	630.0
23.	FAR Calculation for D block	7730.042
	Ground Floor	750.072
	First Floor	949.959
	Second Floor	1043.793
	Third Floor	1043.793
	Fourth Floor	1043.793
	Fifth Floor	1043.793
	Sixth floor	1043.793
	Seventh Floor	790.046
24..	FAR Calculation for E block	4233.61
	Ground Floor	2273.61
	First floor	1960.00
25.	Total Proposed FAR	135975.692
	Proposed FAR For A+B blocks	90285.22
	Proposed FAR For C+D+E blocks	45690.47
26.	Total Non- F.A.R	1942.801
	Non- F.A.R for A+B blocks	1032.7
	Non- F.A.R for C block	580.902
	Non- F.A.R for D block	256.822
	Non- F.A.R for E block	72.377
27.	Total Built-UP Area(Sum of Total Proposed FAR + Total Non FAR Area)	137918.493
28.	Total Open Area	199941.778
	Open Area For A+B Blocks	20216.0
	Open Area For C+D+E Blocks	179725.778
29.	Proposed Green belt Area (@ 33% of Total Area)	90354.0
30.	Maximum Height (Hospital Building)	30 m

4. Waste calculation details:

S.No.	Description	Total Occupancy	Rate of water demand (lpcd)	Total Water Requirement (KLD)
Domestic				
A.	Residential			
1.	Intern Hostel Girls	304	135	41.04
2.	Intern Hostel Boys	304	135	41.04
3.	Nurse and Non-Teaching Staff	72	135	9.72
4.	Teaching Residence	60	135	8.1
5.	Studio Flats	54	135	7.29
6.	VC Bungalow	7	135	0.945
7.	Pro VC Bungalow	7	135	0.945
8.	Registrar Residence	8	135	1.08
9.	HOD Residence	72	135	9.72
10.	Type II Residence	60	135	8.1
11.	Type III Residence	210	135	28.35
12.	Class IV Residence	32	135	4.32
13.	Visitors (Residential)	119	45	5.355
SUB TOTAL				166.005 or 166 KLD
B.	Medical College+Hospital			
1.	Outdoor patients (OPD)	150	15	2.25
2.	Indoor patients (beds) (IPD)	300	450	135
3.	Staff (including, doctors, nurses, Students, Housekeeping staff etc.) + Attendants of IPDPatients	200	45	9
4.	Visitors (20% of IPD+ staff)	80	15	1.2
SUB TOTAL				147.45 or 148 KLD
C.	Others University Buildings			
1.	Academic and Administrative Block + University	300	45	13.5
2.	Dental College	50	45	2.25
3.	Engineering College	100	45	4.5
4.	Visitors (20% of Academic + Administrative + University + Dental + Engineering Building)	90	15	1.35
SUB TOTAL				21.6 or 22 KLD
TOTAL DOMESTIC WATER DEMAND (A+B+C)				336 KLD
D.	Horticulture and Landscape development	241967.578 m ²	1L/sqm	241.968 or 242
GRAND TOTAL (A+B+C+D)				578
E.	Fire Fighting		0.5% of total Demand	28.9 KLD or 29KLD

5. Waste water details:

FOR ETP	
Description	Quantity
IPD (@20% of total IPD water requirement)	27
OPD (@ 100% of total OPD water requirement)	2.25
Dental (@ 20% of total Dental water requirement)	0.45
Wastewater going to ETP @ 90% of (27+2.25+0.45)	24.3+2.025+0.405 = 26.73 say 27 KLD
ETP Capacity (20% more than waste water)	Say 35 KLD
For STP	
Residential	
Domestic Water Requirement	166 KLD
Fresh (70% of domestic water)	116
Flushing (30% of domestic water)	50
Waste water Generated	92.8+50= 142.8 KLD

(@ 80% of Fresh + 100% flushing)	
Medical College +Hospital	
Domestic Water Requirement (Excluding 20% of total IPD water and 100% of OPD water i.e 148-29.25)	118.75
Fresh (30% of domestic water)	36
Flushing (70 % of domestic water)	82.75
Waste water Generated (@ 80% of Fresh + 100% flushing)	28.8+82.75=111.55
Academic+Administrative+University+Dental+Engineering:	
Domestic Water Requirement (Excluding 20% of total Dental water i.e 22-0.45)	21.55
Fresh (30% of domestic water)	6.47
Flushing (70 % of domestic water)	15.08
Waste water Generated (@ 80% of Fresh + 100% flushing)	5.176+15.08 = 20.256
Total Fresh water (Residential +Medical College & Hospital + Academic, Administrative, University, Dental & Engineering)	116+36+6.47 =158.47KLD
Total Flushing water (Residential +Medical College & Hospital + Academic, Administrative, University, Dental & Engineering)	50+82.75+15.08 = 147.83 KLD
Total Wastewater Generated(Residential +Medical College & Hospital + Academic, Administrative, University, Dental & Engineering)	142.8 + 111.55 + 2.256 = 274.606 KLD Say 275 KLD
STP Capacity (20% more than waste water)	330 KLD

6. Solid waste generation details:

S. No.	Category	Occupancy	Per Capita Generation (kg/day)	Waste Generated (kg/day)
A.	Residential, Medical College, Hospital, Dental, Engineering, Administration+Acadmic buildings			
	Residents	1190	0.5	595
	Staff (including, doctors, nurses, Students, Housekeeping staff etc)	200	0.25	50
	Visitor (Residential, Medical College ,hospital, University, Dental, Engineering Buildings)	289	0.15	43.35
	Inpatient	300	1.5	450
	Out patient	150	0.15	22.5
	Administration+Academic + University	300	0.25	75
	Dental	50	0.25	12.5
	Engineering	100	0.25	25
B.	Landscape Waste	59.8 acre	0.2 kg/acre/day	11.96
C.	STP Sludge			9.62
	ETP Sludge			1
TOTAL SOLID WASTE GENERATED (A+B+C)				1295.93 say 1296 kg/day
Biomedical Waste (25% of total OPD+IPD & Dental Waste)				121.25 Say 122 Kg/day

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

Resolution against agenda no-07

The committee discussed the replies and recommended grant of environmental clearance for the project proposals alongwith general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Adequate parking for visitor should be provided at the entrance gate of buildings.
2. Plantation of trees should be of indigenous species and may be as per the consultation of local District Forest Officer.

3. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
4. 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.
5. 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.
6. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
7. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
8. 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.
9. 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.
10. 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.
11. Bio medical waste management shall be followed as per the Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal.
12. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
13. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
14. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
15. No parking shall be allowed outside the project boundary.
16. Parking space for ambulances shall be exclusively earmarked.
17. Police post shall be provided near emergency.
18. Dedicated power supply to be installed in Operation Theaters and other critical areas
19. Accommodation for attendants to be provided near indoor nursing wards.
20. 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.
21. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
22. 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).
23. 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.
24. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
25. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

26. 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.
27. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
28. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
29. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
30. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
31. The green belt 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 Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
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. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation. Landscape plan to be revised accordingly.
35. RWH to be done only from roof top. Arrangement shall be made that waste water and storm water do not get mixed.
36. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
37. All the internal drains are to be covered till the disposal point.

8. Group Housing project at Plot No.- 02, Sector-142, Noida, District-Gautam Budh Nagar, U.P. M/s CTA Softech Pvt. Ltd., File No. 5094/Proposal No. SIA/UP/MIS/115900/2019

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Group Housing project at Plot No.- 02, Sector-142, Noida, District-Gautam Budh Nagar, U.P., M/s CTA Softech Pvt. Ltd.
2. Salient features of the project:

Sl. No.	Description	Quantity	Unit
GENERAL			
1	Gross Plot Area	20000	SQMT
2	Proposed Built Up Area	88038.236	SQMT
3	Number of Towers	1	No.
4	Max Height of Building	50	M
5	Max No of Floors	B+2 PO+10	No.
6	Expected Population (4771 working staff, restaurant 260 & 1674	6705	No.

	floating population)		
7	Cost of Project	201	CR
AREAS			
8	Permissible Ground Coverage Area (30%)	6000	SQMT
9	Proposed Ground Coverage Area (28.4%)	5862.801	SQMT
10	Permissible FAR Area 262.5 (150+100+5% for Green Rating)	52500.00	SQMT
11	Proposed FAR Area (262.49)	52498.98	SQMT
12	Non FAR areas - (Basement, Podium - 2 level, etc)	28273.14	SQMT
14	Other Non FAR Ancillary areas	7266.12	SQMT
15	Proposed Total Built Up Area	88038.24	SQMT
WATER			
16	Total Water Requirement	335	KLD
17	Fresh water requirement	112	KLD
18	Treated Water Requirement	223	KLD
19	Waste water Generation	164	KLD
20	Proposed Capacity of STP	200	KLD
21	Treated Water Available for Reuse	131	KLD
22	Treated Water Recycled	131	KLD
23	Surplus Treated water Required	92	KLD
RAIN WATER HARVESTING			
24	Rain Water Harvesting Potential	3112.51	KL
25	No of RWH of Pits Proposed	4	No.
PARKING			
26	Total Parking Required as / Building Bye Laws	1050	ECS
27	Proposed Total Parking	1246.02	ECS
29	Stilt Parking & Podium Parking	458.94	ECS
30	Parking in Basements	787.08	ECS
GREEN AREA			
31	Required Green Area (35.34% of plot area)	7068.600	SQMT
32	Proposed Green Area (43.1% of plot area)	8610.944	SQMT
WASTE			
33	Total Solid Waste Generation	1.81	TPD
34	Organic waste	1.08	TPD
36	Quantity of Hazardous waste Generation	3.15	LPD
37	Quantity of Sludge Generated from STP	41	KG/DAY
ENERGY			
38	Total Power Requirement	5000	KVA
39	DG set backup (Air cooled)	7500	KVA
40	No of DG Sets	5	No.

3. Water requirement details:

	Population/ area/ unit	Rate in LPCD	Total quantity in KLD
WORKING OFFICE STAFF			
Domestic	4771	18	86
Flushing	4771	12	57
RESTAURANT			
Domestic	260	70	18
VISITORS			
Domestic	1674	5	8
Flushing	1674	10	17
TOTAL POPULATION	6705		
GARDENING	8610.944 sqm	1	9
HVAC	1550 TR	10	139.5
TOTAL WATER REQUIREMENT			335 KLD

Head	Source	Quantity
Fresh Water Requirement	NOIDA	112 KLD
Treated Water Requirement	On site STP treated water	223 KLD
<ul style="list-style-type: none"> ➤ Estimated waste water Generation: 164 KLD ➤ Treated water usage: 223 KLD ➤ Proposed STP (Capacity): 200 KLD ➤ Proposed treatment methodology : MBBR ➤ Treatment up to tertiary level. ➤ STP shall have power back-up for uninterrupted operation during power failure. 		

4. Parking details:

S.No.	Parking Details	Parking
1	Required Parking	1050 ECS
2	Proposed Parking	1246 ECS
3	Proposed Parking on Podium	458 ECS
4	Basement Parking	787 ECS

5. Solid waste generation details:

Waste Category	Quantity	Unit
Total Waste Generation	1.81	TPD
Organic Waste Generation	1.08	TPD
Sludge Generation	41	KG/Day
Hazardous Waste Generation (DG Waste Oil)	3.15	Ltrs/ Day

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

RESOLUTION AGAINST AGENDA NO-08

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

1. 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. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.

12. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
13. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
14. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
15. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
16. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
17. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
18. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
19. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
20. 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.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
28. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

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

9. Group Housing Project "Panchsheel Wellington-Phase- II" at Plot No.-06, Crossings Republik, Village- Dundhahera, District-Gaziabad., M/s Panchsheel Buildtech Pvt. Ltd., File No. 5101/Proposal No. SIA/UP/MIS/114694/2019

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

1. The environmental clearance is sought for Group Housing Project "Panchsheel Wellington-Phase- II" at Plot No.-06, Crossings Republik, Village- Dundhahera, District-Gaziabad., M/s Panchsheel Buildtech Pvt. Ltd.
2. Salient features of the project:

S. No.	Description	Proposed
1.	Plot Area	4,607.00 m ²
2.	Built-up Area	30,066.532 m ²
3.	Green Area	783.20 m ² @ 17 % of Plot Area
4.	Estimated Water Requirement with source Construction Phase Operational Phase	427 KL (from CSTP of Crossing Republik) Total water Requirement = 106 KLD Fresh water =71 KLD (Ghaziabad Development Authority)
5.	Estimated wastewater generation and treatment	Total Wastewater = 87 KLD 87 KLD wastewater will be treated in STP of 110 KLD, MBBR technology. Rest 48.30 KLD treated water will be discharge into GDA Sewer.
6.	Power Demand and Source Power Back-up	800 kVA from Paschimanchal Vidyut Vitran Nigam Limited (PVVNL) 1 no. of D.G Set with capacity of 500 kVA
7.	Solid Waste Generation	606 kg/day
8.	Parking Facilities Total Parking required Total Parking Proposed	Required: 281 ECS for Residential & 5 ECS for Convenient Shops Provided: 293 ECS
9.	RWH Pits	2 pits
10.	Maximum Building Height	50.55 m
11.	Project Cost	Approx 59.46 crore
12.	Project Completion Date	April, 2024

3. Area details of the project:

S. No.	Particulars	Area(m ²)		Total Area (m ²)
		Tower R7	Tower R8	
1.	Plot Area	4,607.0		

2.	Proposed Ground Coverage (@ 31.63% of Plot Area)	728.510	728.510	1,457.020
3.	Permissible F.A.R. Area	18,939.118		
4.	Proposed F.A.R. Area	9,356.156	9,582.966	18,939.118
	Housing F.A.R.	9,356.156	9,356.156	18,712.312
	Shops F.A.R. Area	Nil	226.81	226.81
5.	Non F.A.R. Area	5,220.917	4,994.107	10,215.024
	Stilt	658.777	431.967	1,090.744
	Basement 1	2,126.50	2,126.50	4,253.00
	Basement 2	2,126.50	2,126.50	4,253.00
	Fire Staircase	309.140	309.140	618.28
6.	5% Facility F.A.R. (Including Mumty & Machine Room)	456.195	456.195	912.39
7.	Built-Up Area (4 + 5 + 6)	15,033.268	15,033.268	30,066.532
8.	Proposed Green Area (@ 17% of Plot Area)	783.20		
9.	No. of Dwelling Units	112	112	224
10.	Height of the highest Tower	50.55 m		

4. Water calculation details:

S. No.	Description	Occupancy	Rate of Water Demand (lpcd)	Total Water Requirement (KLD)
A.	Domestic Water Requirement			
1.	Residential Population			
	Dwelling Units	1,120	86	96.32
	Maintenance Staff	56	30	1.68
	Visitors	112	15	1.68
2.	Convenient Shops Population			
	Staff	17	30	0.51
	Visitors	70	15	1.05
Total Domestic Water Demand (1 + 2)				101.23 say 101 KLD
B.	Horticulture	783.20 m ²	6 lt/sqm/day	5 KLD
Total Water Requirement (A + B)				106 KLD

5. Waste water details:

Domestic Water Requirement (Residential + Convenient)	101 KLD
Total Fresh Water Requirement (@ 70 % of domestic)	71 KLD
Flushing (@ 30 % of domestic)	30 KLD
Wastewater Generated (@ 80% fresh domestic water + 100% flushing)	57 + 30 = 87 KLD

6. Solid waste generation details:

S. No.	Description	Occupancy	Kg per capita per day	Waste Generated (kg/day)
A	Domestic Waste			
1.	Residential Population			
	Dwelling Unit Residents	1,120	@0.5	560
	Maintenance Staff	56	@0.25	14
	Visitors	112	@0.15	17
2.	Convenient Area			
	Staff	17	@0.25	4
	Visitors	70	@0.15	11
Total Solid Waste Generated				606 Kg/Day

7. Parking details:

S. No.	Parking Type	Total parking Provided (ECS)
1.	Stilt	50

2.	Basement 1	107
3.	Basement 2	107
4.	Open	29
Total Parking Proposed		293

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

RESOLUTION AGAINST AGENDA NO-09

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

- Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
- 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.
- 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.
- 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.
- Permission from local authority should be taken regarding discharge of excess water into the sewer line.
- 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.
- "Consent for Establishment" shall be obtained from UP Pollution Control Board.
- All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
- Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
- 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.
- The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- 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).
- 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.
- The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

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

10. Government Medical Collage at Gata No.-32 Mi/0.107 Ha, 79 Mi/0.657 Ha, 36 Mi/0.480 Ha, 37Mi/0.320 Ha, 38 Mi/0.24 Ha, 83 Mi/0.120 Ha, 85 Mi/0.152Ha, 88Mi/0.421Ha, 89Mi/0.480ha, 91Mi,Village-Mudila, Pargana & Tehsil-Naugarh, Siddharthnagar., Principal Medical Collage, File No. 5113/Proposal No. SIA/UP/MIS/120797/2019

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 Government Medical Collage at Gata No.-32 Mi/0.107 Ha, 79 Mi/0.657 Ha, 36 Mi/0.480 Ha, 37Mi/0.320 Ha, 38 Mi/0.24 Ha, 83 Mi/0.120 Ha, 85 Mi/0.152Ha, 88Mi/0.421Ha, 89Mi/0.480ha, 91Mi,Village-Mudila, Pargana & Tehsil-Naugarh, Siddharthnagar, U.P.
2. Salient features of the project:

Plot area	34600.62 m ²
Ground Coverage	10712.2 m ²
Roads	7584.30 m ²
Parking Area	9384 m ²
Built-up Area	44556.30 m ²
Total Expected Population	1616 persons
Electric Load	400 KV Network
Standby DG Set:	320 KVA (2 No.)
Source of water supply	03 no. deep bore well
Total Consumption of Water	127 KLD
Total MSW generated	796.5 Kg/Day
Total Transit Centers	02 no.
Proposed rainwater harvesting pits	29 no's.
STP capacity	200 KLD
ETP capacity	10 KLD ETP
Total Project Cost	226.04 Crore
Project Completion	2021

3. Land use details:

S. No.	Particulars		Area (m ²)	%
1	Ground coverage		10712.2	30.95
3	Road Area		7584.30	21.91
4	Green Area	Soft Scaping	5192.00	15.01
		Hard Scaping	1728.12	5.01
5.	Parking Area		9384.00	27.12
Total			34600.62	100.00

4. Population details:

S. NO.	STAFF DESIGNATION	Population
1.	Residents (Doctors, Clinical & Non-Clinical staff families) + All Hostellers	1066
2.	Non-Residents (Service & Facility Staff)	150
3.	Hostel Staff & Mess staff	100
4.	Visitors	300
Total Expected Additional Population		1616

5. Parking details:

Parking details	
Parking required Academic block (1 ECS per 100 m ² built up) = 195 Hostel block (1 ECS per 100 m ² built up) = 134 Type II = 12 Type III = 25	408 ECS

Type IV = 30 Type V = 12	
Parking provided (9384 m ² of open area parking @ 23 m ² per ECS)	408 ECS

7. Water requirement details:

S.No.	Water Use	Population	Per Capita in (LPCD)	Water Requirement (KLD)	Waste Water Generation (KLD)
1.	Residents (Doctors, & admin staff with family) + all Hostellers	1066	86	91.76	73.34
2.	Nonresident Service staff , Hostel and mess staff	250	45	11.25	9
3.	OPD Patients & Visitors	300	15	4.5	3.6
TOTAL DOMESTIC WATER REQUIREMENT				107.51	85.94
4.	Laboratories (Lumpsum Usage)			10.00	8.00
5.	D.G. Set Cooling	(320 x 2) KVA	0.9 l/KVA/4 hr	2.32	Nil
6.	Gardening/Landscape Area	6920.12 m ²	1 l/m ²	6.92	Nil
TOTAL WATER REQUIREMENT				126.75 say 127	93.94 say 94

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

Resolution against agenda no-10

The committee discussed the replies and recommended grant of environmental clearance for the project proposals alongwith general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Adequate parking for visitor should be provided at the entrance gate of buildings.
2. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
3. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
4. 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.
5. 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.
6. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
7. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
8. 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.
9. 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.
10. 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.
11. Bio medical waste management shall be followed as per the Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal.

12. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
13. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
14. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
15. No parking shall be allowed outside the project boundary.
16. Parking space for ambulances shall be exclusively earmarked.
17. Police post shall be provided near emergency.
18. Dedicated power supply to be installed in Operation Theaters and other critical areas
19. Accommodation for attendants to be provided near indoor nursing wards.
20. 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.
21. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
22. 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).
23. 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.
24. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
25. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
26. 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.
27. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
28. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
29. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
30. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
31. The green belt 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 Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
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. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation. Landscape plan to be revised accordingly.
35. RWH to be done only from roof top. Arrangement shall be made that waste water and storm water do not get mixed.
36. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
37. All the internal drains are to be covered till the disposal point.

11. Government Medical College at khasra No-1056,1057,1059,1060,1061,1062,1063, 1064, 1065 Village- Pure keshav Rai, Tehsil and District- Pratapgarh, U.P. File No. 5114/Proposal No. SIA/UP/MIS/120746/2019

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 Government Medical College at khasra No-1056, 1057, 1059, 1060, 1061, 1062,1063, 1064, 1065 Village- Pure keshav Rai, Tehsil and District- Pratapgarh, U.P.
2. Salient features of the project:

Plot area	43285.00 m ²
Ground Coverage	9664.85 m ²
Parking Area	8050 m ²
Built-up Area	37338.80 m ²
Total Expected Population	1256 persons
Electric Load	2 MVA
Standby D.G set	2 DG sets of 320 KVA each
Source of water supply	03 number of bore wells
Total Consumption of Water	225 KLD
Total MSW generated	601.7 Kg/day
Total Transit Centers	03 numbers with 1.1 m ³ capacity
Proposed rainwater harvesting pits	12 numbers
STP capacity	200 KLD
ETP Capacity	10 KLD
Total Project Cost	213 crores
Stack Height	5.05 m above the tallest building
Project Completion	2020

3. Land use details:

S. No.	Particulars	Area (m ²)	%age
1	Ground coverage	9664.85	22.33
2	Road Area	7074.95	16.34
3	Green Area (hardscaping)	10983.00	25.37
4	Softscaping area	7512.20	17.35
5	Parking Area	8050.00	18.59
6	Plot area	43285	100

4. Parking details:

Parking required Academic block (1 ECS per 100 sqm built up) = 185 Hostel block (1 ECS per 100 sqm built up) = 82 Type II = 12 Type III = 20 Type IV = 20 Type V = 8	327 ECS
Parking provided (8050 sqm of open area parking @ 23 sqm per ECS)	350 ECS

5. Water requirement details:

S.No.	Water Use	Population	Per Capita in (LPCD)	Water Requirement (KLD)	Waste Water Generation (KLD)
1.	Residents (Doctors, & admin staff with family) + all Hostellers	743	86	64.00	51.00
2.	Nonresident Service staff	418	45	18.50	15.00
3.	Visitors	95	15	1.50	1.00
4.	Cafeteria			42.00	34.00
5.	Hostel mess			74.00	59.00
TOTAL DOMESTIC WATER REQUIREMENT				200.00	160.00
4.	Laboratories (Lumpsum Usage)			9.00	7.00
5.	D.G. Set Cooling	640KVA	0.9 l/KVA/4 hr	3.00	-
6.	Gardening/ Landscape Area	10983 sqm	1 l/m ²	11.00	-
7.	Ground	1962.5 sqm	1 L/sqm	2.00	-
TOTAL WATER REQUIREMENT				225.00	167.00

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

Resolution against agenda no-11

The committee discussed the replies and recommended grant of environmental clearance for the project proposals alongwith general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Adequate parking for visitor should be provided at the entrance gate of buildings.
2. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
3. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
4. 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.
5. 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.
6. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
7. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
8. 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.
9. 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.
10. 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.

11. Bio medical waste management shall be followed as per the Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal.
12. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
13. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
14. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
15. No parking shall be allowed outside the project boundary.
16. Parking space for ambulances shall be exclusively earmarked.
17. Police post shall be provided near emergency.
18. Dedicated power supply to be installed in Operation Theaters and other critical areas
19. Accommodation for attendants to be provided near indoor nursing wards.
20. 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.
21. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
22. 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).
23. 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.
24. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
25. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
26. 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.
27. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
28. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
29. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
30. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
31. The green belt 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 Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

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. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation. Landscape plan to be revised accordingly.
35. RWH to be done only from root top. Arrangement shall be made that waste water and storm water do not get mixed.
36. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
37. All the internal drains are to be covered till the disposal point.

12. Construction of 04 Lane Bundelkhand Expressway (expandable to 06 lane) in District-Chitrakoot, Banada, Hamirpur, Mahoba, Jalaun, Auraiya and Etawah, U.P., M/s Uttar Pradesh Expressway Industrial Development Authority (UPEIDA). File No. 5156/4632/Proposal No. SIA/UP/NCP/45255/2019

A presentation was made by the project proponent Shri Manoj Kumar Gupta, Superintending Engineer, UPEIDA along with their consultant M/s Vardan Environet. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Construction of 04 Lane Bundelkhand Expressway (expandable to 06 lane) in District-Chitrakoot, Banada, Hamirpur, Mahoba, Jalaun, Auraiya and Etawah, U.P., M/s Uttar Pradesh Expressway Industrial Development Authority (UPEIDA).
2. Terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 26/Parya/SEAC/4632/2018, dated 10/05/2019.
3. EIA report submitted by the project proponent on 24/10/2019.
4. The proposed expressway will be having 4-Lane (Expandable to 6 lane) configuration starting from Ch. (-) 0+790 at Jhansi-Allahabad Road Junction (Near Chitrakoot) and terminates at Ch. 295+280 (at Agra-Lucknow Expressway) in Etawah.
5. High speed connectivity starts from Km 266.6 of NH 76/new NH 35 (Varanasi- Banda road), near Bharatkoop to km 133.778 of Agra-Lucknow Expressway near village Kudrail in Etawah district.
6. Salient features of the project:

Design Speed	120 Km
Width of Carriageway	7.5m both sides (2x2 Lanes) along with 3.0m Paved shoulder and 2.0m Earthen shoulder on either side.
Width of ROW	110m
Width of Median	5.5m raised median including 0.75m edge strip on both sides
Service Road	3.75m wide carriageway in staggered manner on one side
Safety Features	Metal beam Crash Barrier on Shoulders and Median, Road, Studs, ROW Fencing, Pavement Marking, Caution and Slogan Boards, Anti-Glare Screens on Curves, Advanced Traffic Management System
Wayside Amenities	4 Location
Toll Plazas	At Start and End of Expressway and at 4 Nos. Double Trumpet interchange locations

7. Key structure of the project:

Sl. No.	Type of Structures	Proposed no.
1	Interchange	13
2	Major Bridge	14
3	Minor Bridge	266*
4	Vehicular Underpass	19
5	Light Vehicular Underpass	97

6	Pedestrian Underpass	98
7	RoB	4
8	Toll Plaza	6
9	Wayside Amenities	4
10	Fly Over	18

8. Land Acquisition for Expressway:

- Total Districts: 7 Districts viz. Chitrakoot, Banda, Mahoba, Hamirpur, Jalaun, Auraiya & Etawah
- Total Tehsils: 17 nos. (as in Table below)
- Villages to be affected: 182
- Total land to be acquired: 3618.771 Hectare (approx.)
- Land already acquired: 3321.0206 Hectare (As on 18.08.2019)
- Fund Allocated for LA: 2512 Crore (approx.)

9. 270,000 Nos. of trees will be planted as Compensatory Plantation and environmental enhancement.

10. Estimated Cost of the Project: INR 8869.52 Crores.

11. Raw Material/ Fuel Requirement details:

Raw Material /Fuel	Quantity per Annum/ Total Quantity for construction)	Unit	Source (in case of Import, please specify country and Name of the port from which Raw Material / Fuel is received)	Mode of Transport	Distance of Source from Project Site (in Kilo meters) (In case of import, distance from the port from which the raw material / fuel is received)	Type of Linkage (Linkage / Fuel Supply Agreement / e-auction / MoU / LOA / Captive / Open market / Others)
Soil	7,00,00,000	Cum	Nearby Borrow Area	Road	0.002-2.00Km (Lead Varies)	The contractor will make the necessary material supply agreement with the authorised vendor during construction period
Sand	9,00,000	Cum	Sand Quarries	Road	Within 1-2 km	
Cement	7,00,000	Cum	Authorized Vendors at Local level	Road	-	
Aggregates	78,00,000	Cum	Approved Quarry sites	Road	2-26 Km (Lead varies)	
Bitumen	1,30,000	MT	Authorized Vendors	Road	-	
Steel	1,00,000	MT	Authorized Vendors	Road	-	
Fly Ash	10,00,000	Cum	Power Plants with 300 km radius	Road	90-170 Km (Lead varies)	
Plastic Waste	1300	MT	Authorized Vendors	Road	-	After obtaining permission from the regulatory authorities
Water	13,270	KLD	SW/GW	Road	-	

12. The project proposal falls under category-7(f) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-12

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

General Conditions:

1. A comprehensive EIA shall be undertaken taking into view conditions stipulated in this clearance also and submitted to this Authority within 02 years of commencement of the project. The comprehensive EIA study should also include:

- I. The detailed impact analysis under the scope of work particularly the impact on ambient air quality interpreting the incremental concentration of the various parameters based on air quality models.
 - II. The specific target group in the predominant wind directions.
 - III. Critical traffic analysis for the construction and the operation phases based on eco-friendly fuels in order to formulate an action plan to keep the surrounding air quality confirming to its present level/the prescribed norms.
 - IV. Efforts to utilize the fly ash to the maximum level and the natural clay/soil to the minimum level should be made.
2. Permission for any tree felling shall be taken from Forest Department as per law. In addition to the proposed compensatory plantation (3 Trees planted for every tree cut) it shall be ensured that adequate plantation on both sides of proposed expressway shall be undertaken with shade giving, ecologically friendly, sound absorbing and native species of trees to attenuate probable air and noise pollution. A densely populated green belt in both sides of the expressway shall be developed.
 3. The implementation of the environmental management plan should be reviewed every 06 months by the project proponents and the Action Taken Report should be submitted to this authority, UPPCB, and the concerning District Magistrate.
 4. The project proponent will set up separate environmental management cell for effective implementation of the EMP etc as well as stipulated environmental safeguards under the supervision of a Senior Experienced Executive.
 5. Full support should be extended to concerned officers/authorities by the project proponents during their inspection of the project for monitoring purposes by furnishing full details and action plan, including action taken reports in respect of mitigative measures and other Environmental protection activities.
 6. A Six Monthly monitoring report should be submitted to the Authority regarding the implementation of the stipulated conditions.
 7. The E.I.A. Authority or any other competent authority may stipulate any other conditions or environmental safeguards, subsequently, if deemed necessary, which should be complied with.
 8. First aid centers along the highway should be identified with referral facility for nearby trauma centers for causality management.
 9. Regular noise levels should be monitored during construction and operation phase.
 10. The date and place of sampling of water testing should be provided along with the quality of water as suitable for drinking purposes alongwith compliance report.

b. Specific Conditions:

1. Source of water-required water shall be met by rivers and canals wherever it is possible. In no other option borewell may be recommended after obtaining permission competent authority.
2. Felling of trees only after obtaining NOC from the competent authority.
3. Vehicle having PUC certificate should be use.
4. Safe drinking water for labours should be provided.
5. 100 PPM, PM₁₀ must be achieved.
6. Continuous online AAQ monitoring at every 100 KM interval to be done.
7. Trauma center alongwith refreshment center at every 50 KM to be provided.
8. Drainage line and provision of lighting on both side of the road side should be provided.
9. Traffic light signal at each crossing and at diversion point to be provided.
10. Name of approaching town with mileage sign to be provided.
11. Mining permission from competent authority should also be taken.
12. The construction work shall be undertaken in a manner that the active channel, flow and direction rivers coming under proposal should not be disturbed. The active channel width shall be as certified by Central Water Commission and shall keep into account the flood flows also. The project in all its phases shall ensure that there is no such activity that may affect/result in change of flow (quantity and direction) of river or silting of the river or its tributaries.

13. The use of plastic waste in the construction of the Highway shall be explored. It is suggested that the crusher's dust can be used along with plastic waste in construction of road.
14. The fly ash generating potential of the surrounding areas shall be estimated and its use shall be explored in the proposed expressway.
15. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
16. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
17. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
18. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
19. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
20. All potable water sources near the right of way should be such that they meet drinking water criteria as prescribed. Necessary water recharge facilities shall be constructed near each potable water station.
21. Ground and surface water sources (including rivers and canals) will be used to meet the water requirement during construction phase of the project road subject to permission from the competent concerned authorities. Ways to minimize the water consumption including use of stored rain water should be explored and included in the comprehensive EIA as indicated in condition no. 1.
22. It shall be ensured that the alignment and other project areas are more than 05 Km away from (i) Protected areas notified under the Wild Life (Protection Act, 1972 (ii) Critically polluted areas as notified by the Central Pollution Control Board from time to time (iii) Notified Eco-Sensitive areas (iv) Inter-State boundaries and international boundaries.
23. For any extraction of ground water, prior permission from CGWB shall be taken.
24. Construction material shall be so handled that wastes do not find their way into water bodies. Wastes shall be suitably collected and treated as per standards. Necessary consents shall be obtained from the competent authority in this regards.
25. Separate Environmental Clearances as applicable shall be obtained for any subsidiary activities like rest areas, automobile repair shops etc planned in the project area as per EIA notification.
26. Measures should be taken to protect the ponds along the proposed alignment that may likely to be affected. Wetlands within the study area of the project should be identified and it shall be ensured that there is no eco-degradation of these wetlands as a result of the project. Details shall be submitted with the comprehensive E.I.A.
27. The CNG station should be established for proper functioning of vehicles to control pollution on the proposed highway.
28. The operation and maintenance of dust monitoring to be reviewed after every six months.
29. Rain water harvesting sites should be developed where ever possible as per norms.
30. The project proponent should obtain necessary permission from the State Irrigation Department before drawing water from the river sources for the purpose of the proposed construction activity. Prior permission from the concerned Authority should be taken for any abstraction of groundwater.
31. Noise barriers should be provided at appropriate locations particularly in the areas where the alignment passes through inhabited areas, so as to ensure that the noise levels do not exceed the prescribed standards and comply with provisions given under Noise Rules 2000 (as amended) for silence zone as defined under the rules.
32. Rest areas with facilities like toilets and refreshment may be included along the expressway.
33. Provision of trauma center/medical facilities is to be provided on this expressway within convenient distance.

34. It is suggested that in between two ways of the road the height of the divider on both side of the green verge should be such that no traffic like motorcycle, cycle, and tractor can cross over. It is also suggested that it will be better if in between two roads strong railing could be provided with sufficient height.
35. Overloading factor should be adequately incorporated during design and construction of the expressway.
36. Adequate drainage structures should be provided along the entire length of expressway so that no conditions of water stagnation are created. Near the settlement areas, drainage structures shall be covered.
37. Relocation of temples and other cultural properties like mosques, schools, hospitals etc, along the proposed alignment, shall be taken-up only after permission from competent authority/local administration.
38. Suitable measures shall be taken to educate highway users on the risk of HIV and human trafficking. Environmental and safety awareness drives through hoardings should also be promoted.
39. On every toll barriers Weigh Bridge is to be installed to check the load of the trucks and restrict the over loaded vehicles and comply as per the capacity design of the road.
40. Separate clearances from the competent authority shall be obtained regarding acquisition of water bodies, forest land, cultural sites etc. Such clearances shall take into consideration minimum impact options.
41. Sand and aggregates shall be obtained from approved quarries only. Borrow areas shall have the approval of the competent authorities.
42. Acquisition of land should be as prescribed under Govt. Rules.
43. Dredged material from road side ditches should be suitably disposed as not to cause any environmental problem. Necessary permission shall be obtained from the competent authority in this regard.
44. Consent for discharge of effluents from workers camp and other construction activity should be obtained from competent authority.
45. Borrow pits should be so selected so as to have minimum loss of productive land.
46. Separate NOC and consent of the UPPCB shall be obtained with regards to asphalt plants, crushers, batching plants, hot mix plants etc.
47. Landfill sites for earth, stone or other construction material shall be duly approved by the competent authority.
48. The alignment shall be so maintained that there is no Archeological or cultural property in the project area.
49. The proposal should conform to Regional Development Plan for the area and if non conforming, suitable permission should be taken before construction from the competent authority.
50. Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project in order to avoid any damage to environment.
51. Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality and other incidents.
52. Borrow pits for earth, quarry sites for road construction material and dump sites must be identified keeping in view the following:
 - a) No excavation or dumping on private property is carried out without consent of the owner.
 - b) No excavation or dumping should be allowed on wetlands, forest areas, protected or prohibited land or other ecologically valuable or sensitive locations.
 - c) Excavation work should be done in consultation with the Soil Conservation and Watershed Development Agencies working in the area.
 - d) Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they should not leach into the ground water, and necessary permission from the UPPCB be obtained.

- e) During the earthwork on embankments care is to be taken regarding environmental pollution. The adequate number of sprinkles should be used during the operation period.
- 53. Adequate precautions and norms should be followed during transportation of the construction material so that it does not affect the environment adversely.
- 54. Borrow pits and other scars created during the road construction should be properly leveled and treated.
- 55. Possibility of use of non conventional energy sources may be explored.
- 56. Municipal solid waste & Hazardous waste shall not be used in the construction of the express way.
- 57. Automatic traffic signal is to be provided at all crossing functioning during day and night.
- 58. During foggy weather the vehicular traffic may be held with parking facilities to avoid accidents.

13. "The Express Park View"-II, at Plot No- GH-03, Sector-CHI-V, Greater Noida District-Gautam Buddh Nagar,U.P. M/s IITL-Nimbus The Express Park View, 313-315, Vikas Deep Building, Laxmi Nagar, Delhi, File No. 1091/Proposal No. SIA/UP/NCP/40293/2019

The committee noted that the environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 2857/SEAC/1091/2011/AA(S) dated 24th December, 2012 on Plot area 52,260 sqm and Built-up area 2,02,439.24 sqm. The project proponent through letter dated 29/07/2019 informed that due to change in building plan amendment of environmental clearance is required as per EIA Notification dated 14/09/2006. The project proponent also informed that the built up area of the project shall remain unchanged. Hence, they applied for amendment in environmental clearance letter dated 24/12/2012.

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. Details of earlier proposal and proposed amendment in E.C letter dated 24/12/2012:

S.No.	Particulars	As per previous proposal	As per Revised Proposal	Unit	Difference	% Change
1	Total Plot Area	52260.00	52493.16	Sqm	+233.16	0.4
2	Total Built Up Area	202439.24	202439.24	Sqm	0	0
3	No. of Dus	1672	1630	No.s	-42	--
4	Green Area	21213.407 (40.4 %)	17992.05 (34.3 %)	Sqm	-	-
5	Total Water Requirement	685	675	KLD	-10	1.46
6	Waste Water Generation	537	526	KLD	-11	2.05
7	STP Capacity	650	630	KLD	-20	3.08
8	RWH	13 pits	16 pits	Nos.	+3	18.75
9	Proposed Parking	1816	1955	ECS	+139	7.11
10	Power Demand	8695	5570	KVA	-3125	35.9

The project proponent has submitted an undertaking stated that “we will reduce one floor from each tower no. Q1 and Tower no. Q2” and assured to the committee, there will be no change in the built-up area which was granted earlier. The project proponent requested to amend the environmental clearance dated 24/12/2012 as per above project details.

The committee discussed the matter and recommended to amend the environmental clearance letter no. 2857/SEAC/1091/2011/AA(S) dated 24th December, 2012 as per above project details. The committee also directed the project proponent that built up area of the project and other contents mentioned in Environmental Clearance letter no. 2857/SEAC/1091/2011/AA(S) dated 24th December, 2012 shall remain unchanged.

Any other matter with the permission of Chairman**14. Proposed "Soil Excavation" Project at Gata No.-79, Village-Barha, Tehsil- Purwa, District- Unnao, U.P. ,M/s Maa Vindyawashini Builders,(Leased Area: 1.2715 Ha), File No. 4987/Proposal No. SIA/UP/MIN/40822/2019**

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

1. The environmental clearance is sought for Proposed "Soil Excavation" Project at Gata No.-79, Village-Barha, Tehsil- Purwa, District- Unnao, U.P. ,M/s Maa Vindyawashini Builders, (Leased Area: 1.2715 Ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/40822/2019		
2. File No. allotted by SEIAA, UP	4987		
3. Name of Proponent	M/S Maa Vindyawashini Builders Shri Anand Kumar S/O Shri Jai Prakash Yadav		
4. Full correspondence address of proponent and mobile no.	R/O : Village- Michkurahi, Tehsil Milkipur, District Faizabad (U.P)		
5. Name of Project	Ordinary Soil Excavation Project		
6. Project location (Plot/Khasra/Gata No. / khand No.)	Gata No. 79		
7. Name of River	NA		
8. Name of Village	Barha		
9. Tehsil	Purwa		
10. District	Unnao (U.P)		
11. Name of Minor Mineral	Ordinary Soil		
12. Sanctioned Lease Area (in Ha.)	1.2715 Ha.		
13. Mineable Area (in Ha.)	1.2715 Ha.		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	122 mrl (Average altitude)		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	26°39'23.76"N	80°49'21.19"E
	B	26°39'21.28"N	80°49'25.48"E
	C	26°39'19.16"N	80°49'23.88"E
	D	26°39'21.59"N	80°49'19.68"E
17. Total Geological Reserves	63575 m ³		
18. Total Mineable Reserves in LOI	16272 m ³ in LOI(in three months)		
19. Total Proposed Production (in five year)	11443 m ³ in three months		
20. Proposed Production/year	11443 m ³ in three months		
21. Sanctioned Period of Mine lease	3 months		
22. Production of mine/day	127.15 m ³ per day		
23. Method of Mining	Open cast, Manual, semi mechanized		
24. No. of working days	90 days		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 15 workers		
27. No. Of vehicles movement/day	9-10 Vehicles movement/day		
28. Type of Land	Ordinary Soil		
29. Ultimate Depth of Mining	1.0 m		
30. Nearest metalled road from site	NH-24 A is about 1.04 kms towards north direction from the		

	excavation site.	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	3.84
	Suppression of dust	0.04
	Plantation	0.25
	Others (if any)	-
	Total	4.13 KLD
32. Name of QCI Accredited Consultant with QCI No. And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1619/IA 0019 and valid up to December 29,2019	
33. Any litigation pending against the project or land in any court	NO	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 1125 dated. 27/07/2019	
35. Details of Lease Area in approved DSR	-	
36. Proposed CER cost	40,000 (2% of the total Project cost)	
37. Proposed EMP cost/ Total Project cost	-	
38. Length and breadth of Haul Road	320 m length and 6 m width	
39. No. of Trees to be Planted	10	

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

RESOLUTION AGAINST AGENDA NO-14

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 to these minutes regarding mining project.

(Dr. Arvind Mathur)
Member

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Richhpal Singh Sangu)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Ramesh Chand Kataria)
Member

(Shri Meraj Uddin)
Member

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

Annexure-1

General and Specific Conditions for Brick/Soil Earth Mining Projects:-

General condition:

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
3. No change in mining technology and scope of working shall be made without approval of Authority.
4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
7. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

Specific Conditions:

1. Environment management should be in accordance with the present environment status of the project.
2. The Environmental clearance will be co-terminus with the agreement/lease.
3. Approach kaccha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be levelled and handed over to the owners after completion of excavation work.
7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed.
8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
9. Top soil should be adequately preserved and should be used for landscaping.
10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
13. Safety measures for the people working at the site shall be duly taken care of as per law.
14. The excavation work shall be done in day time only.
15. The project boundary shall be properly covered to restrict dust dispersion.
16. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.
17. Noise level shall be maintained as per standards for both day and night.
18. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
19. Vehicles hired for the transportation should be in good condition and should have Pollution Check Certificate and should conform to applicable air and noise emission standards.

20. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
21. Solid waste material viz gutkha rappers, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
22. Project proponent should maintain daily register for information of (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
23. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
24. 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.
25. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
26. The borrowing/excavation activity shall be restricted to 2 m. above the ground water table at the site.
27. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
28. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
29. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
30. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
31. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
32. Workers/labourers shall be provided with facilities for drinking water and sanitation.
33. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
34. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.