Minutes of 541st SEAC Meeting Dated 20/04/2021

The 541st meeting of SEAC was held through video conferencing in view of the Corona Virus Disease (Covid-19) on 20/04/2021. Following members were participate in the online meeting:

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

The Chairman welcomed the members to the 541st SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

1. Up Gradation of District Hospital Lakhimpur Kheri from 140 to 500 Bedded at Lakhimpur. Dr. R.C. Agrawal, Chief Medical Superintendent, Police Line Road, Mohammdi, LakhimpurKheri. File No. 6140/Proposal No. SIA/UP/MIS/195183/2021

A presentation was made by project proponent along with their consultant M/s Chandigarh Pollution Testing Laboratory–EIA Division. The proponent, through the documents submitted and the presentation made, informed the committee that:

1. The Environment clearance is sought for Up-gradation of existing district /Referral Hospital from 140 to 500 bedded Hospital at Lakhimpur Kheri, U.P., District-Lakhimpur Kheri U.P.
2. Salient features of the project:

S. No.	Particulars	Details
1.	Plot area	32779.53 sqm
2.	Built-up area	Proposed Built up Area: 34329.53 sqm (66%) + Existing builtup area is 17861.759 sqm (34%) Total built up area is 52191.289 sqm
3.	Ground Coverage	11438.795 sqm (34.90%)
4.	Parking area	5297 sqm; Total No. of ECS Provided: 189 E.C.S.
5.	Green area	6555.906 sqm (20%)
6.	Total water requirement	307 KLD Fresh water: 182 KLD Recycle Water: 125 KLD
7.	Wastewater Generation	233 KLD
8.	STP/ ETP capacity	ETP -~28 KLD STP - ~252 KLD
9.	Rain Water Harvesting Potential	259 m3 (in 15 min): 1039.777/ 4 = 259 m3 RWH Pits: 8 (Volume of Pits= 35 m3)
10.	Solid Waste Generation	431 Kg/day
11.	Quantity of Bio-Medical Waste	550 Kg/Day
12.	Power requirement	1460 KVA
13.	Power back up	Total No. of DG set is 2,

		2 x 750 KVA
14.	Connectivity	Lakhimpur Railway Station: 0.75 KM Kheri Town Railway Station: 5.00 KM
15.	Environmental Sensitivity	Ull River at 1.96 Km NE
16.	Geo Coordinates	Latitude: 27° 56' 46.919" N Longitude: 80° 46' 58.617" E
17.	Total cost of the project	~ Cr 271 Crores

3. Comparative details of existing and expansion proposal:

Sl. No.	Description	Existing	Proposed	Total (Required after expansion)
1.	Built-up Area	17,861.759 Sqm	34,329.53 Sqm	52191.289 Sqm
2.	Hospital	140 Beds	360 Beds	500 Beds
3.	Fresh water (KLD)	45.25	137.24	182.49
4.	Flushing (KLD)	23	64	87
5.	Total water (KLD)	69.25	201.24	269.49
6.	Total waste water (KLD)	59.2	174	232
7.	Proposed ETP (KLD)			28
8.	Proposed STP (KLD)			252
10.	Bio Medical waste per Bed (Kg/day)	140Kg/day	410 Kg/day@ (total 360 beds +OPD =50 beds Kg/day)	550 Kg/day
12.	Plantation			410 Nos.
13.	Power Requirement KVA		1460 KVA	1460 KVA
14	Parking			189 Nos.

4. Proposed Area details of the project:

Building no.	Building name	No. of floors	(Building height) (mt.) upto top slab excluding mumty & machine rm	Plinth lvl. w.r.t. e. r.l.	Ground Covd. area of individual block (sq.mt.)	No. of blocks	Total built up area on all floors (excluding stilt/ ground) for far (sq.mt.)	Total built up area on all floors (sq.mt.)
1	360 BEDDED HOSPITAL	G+6	29.55	+600	4747.993	1	23737.047	28485.04
2	RESIDENT DR. HOSTEL	G+6	21.60	+600	446.59	1	3366.01	3812.60
3	NURSES HOSTEL	G+3	12.80	+600	329.34	1	889.75	1219.09
4	MGPS & BMW BLOCK	G	4.85	+600	362.80	1	--	362.80
5	ESS BLOCK	G	4.50	+450	450.00	1	--	450.00
TOTAL					6336.723		27992.807	34329.53

5. Water requirement details of proposed project:

	No of person	Domestic/ fresh water (LPD)	Flushing water (LPD)	Total water (LPD)	Total Wastewater (LPD)
No of Bed	360	108000	54000	162000	140400
OPD	800	8000	4000	12000	10400
Staffs	50	1250	1000	2250	2000
Resident Doctors @ 62 + Nurse Hostel @ 49	111	9990	4995	14985	12987
Canteen & Kitchen	…	10000		10000	8000
Subtotal-I		137240	63995	201235	173787
ETP/STP requirement					
Effluent generation @10% of total wastewater	17.4 KLD	Capacity of ETP (20% higher than total Effluent generation			21 KLD
Sewage generation @90% of total wastewater	156.4 KLD	Capacity of STP (20% higher than total Sewage generation)			188 KLD
Total capacity of treatment plant					209 KLD
Total treated water generation	139 KLD (@80% total wastewater)				

6. Waste generation details:

Solid waste generation during Operational Phase			
Particulars	No	Kg per capita waste generation	Total waste generation (kg/day)
Patient's attendant	400	0.5	200
Staff	100	0.25	25
Hostels	111	0.5	55.5
Visitor + OPD + Hospital Beds	1000	0.15	150
Landscape waste (6555.906 sqmt/1.62 acre)		0.2kg/acre	0.324
Total solid waste generated (Kg/day)			431
Non-bio degradable @ 40% of solid waste			172
Bio-degradable @ 60% of solid waste			258
E-Waste			5
Hazardous waste			8

7. Bio medical wasted details:

Bio medical waste generation	500	1	500
OPD BMW			50

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

RESOLUTION AGAINST AGENDA NO-01

The committee discussed the matter 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. **Oxygen generation plant must be installed in the hospital premises.**
2. Provision of ambulance in CER should be provided.
3. Characterization of biomedical waste should be provided.
4. Emergency exit should be provided.
5. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
6. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.

7. 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.
8. Parking space for ambulances shall be exclusively earmarked.
9. Police post shall be provided near emergency.
10. Dedicated power supply to be installed in Operation Theaters and other critical areas
11. Accommodation for attendants to be provided near indoor nursing wards.
12. 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.
13. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
14. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
15. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
16. 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.
17. 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.
18. 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.
19. 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. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
20. 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.
21. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
22. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs. No parking shall be allowed outside the project boundary.
23. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
24. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
25. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.

26. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
27. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
28. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

2. Up Gradation of Existing District Hospital,Sonbhadra from 400 Bedded to 520 Bedded at Sonbhadra., C.M.S., District Hospital, Robertsganj, Sonbhadra, U.P. File No. 6146/Proposal No. SIA/UP/MIS/195999/2021

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

1. The environmental clearance is sought for Up Gradation of Existing District Hospital, Sonbhadra from 400 Bedded to 520 Bedded at District- Sonbhadra, U.P.
2. Salient features of the project:

S.NO.	PARTICULARS	PROPOSED
1.	Net Plot Area	74,866.91 m^2 (18.50 Acres)
2.	Proposed FAR	33,866.60 m^2(Existing -15,514.44m^2 + Expansion - 18,352.16m^2)
3	Proposed Ground Coverage	19,862.43m^2(Existing -15,514.44m^2 + Expansion – 4,347.99m^2)
4.	Total Built Up Area	38,319.63m^2 (Existing -15,514.44m^2 + Expansion - 22,805.19m^2)
5.	Maximum No. Of Floors	G+6thfloor (Hospital Building)
6.	No. Of Beds	520 [Existing - 400 + Expansion - 120]
7.	Expected Population (Existing + Expansion)	4,940
8.	Total Water Requirement and fresh water for (Existing +Expansion)	Total water Requirement for (Existing +Expansion) - 475KLD & Total Freshwater requirement -283KLD Existing- (Hospital) Water Requirement - 293KLD Fresh water-205KLD Expansion- (Hospital) Water Requirement - 182KLD Fresh water-78KLD
9.	Total Recycled Water for Existing +Expansion	336 KLD
10.	STP/ETP Capacities & Technology for (Existing +Expansion)	STP-400KLD; MBR ETP -100KLD
11.	Total Power Requirement & Source	1270KW; Power is available at 11 KV from Uttar Pradesh State Electrical Board.
12.	Power Backup DG Sets Capacity	DG Sets 2*750kVA for each
13.	Rainwater Harvesting Pit for (Existing +Expansion)	19 (1pits/Acre)
14.	Total Parking Proposed	310 ECS
15.	Total Solid Waste Generated for (Existing +Expansion)	1,509Kg/day Biomedical waste-780kg/day Municipal solid waste -729kg/day
16.	Project Cost	Rs. 132.30 Crores
17.	Maximum Height	29.6 mtrs (Hospital)

	Energy Conservation Percentage	7.87%

3. Area details:

S. No.	Particulars	Existing Area (m^2)	Expansion Area (m^2)	Total Area (m^2)	% Age
1.	Plot Area as per land Allotment			74,866.91 (18.50 Acres)	100
2.	Permissible Ground Coverage (@35% of NPA)			26,203.00	
3.	Proposed Ground Coverage (@ 26.53 % of PA)	15,514.44 (20.72%)	4,347.99 (5.81%)	19,862.43	26.53
4.	Permissible FAR (@ 1.50 of NPA)			1,12,300.00	
5.	Proposed FAR (@ 0.45 of NPA)	15,514.44 (20.72%)	18,352.16 (24.51%)	33,866.60	
6.	Non FAR area	-	4,453.03	4,453.03	
7.	Built Up Area	15,514.44 (20.72%)	22,805.19 (30.46%)	38,319.63	
8.	Net Open Area (NOA)			55,004.48	55
9.	Landscape Area (@ 25.09% of NOA)			13,800.00	18.5
10.	Maximum Height of the (Hospital Building)			29.6 mtrs (Terrace)	

4. Parking details:

Parking required for surface Area	@23sqm. per ECS 6,348/23 = 276ECS
Total Parking Proposed	**310 ECS**

5. Water requirement details for Existing:

S. No.	Description	Total Population/Area in (m2)	Unit water Consumption (LPCD)	Total Water Requirement (KLD)
MAIN USES (DOMESTIC)				
1.	IPD (Patient, attendants, visitors, staff etc.)	400	450	180
2.	OPD	2,500	15	37.5
3.	Laundry	3.5 kg/bed	25lt/bed/day	35
4.	Kitchen	(1500 meals)	15liters	22.5
5.	Clinical water		20lt/bed/day	8
6.	Labs, Operation &Labour Rooms etc.	-	-	10
	WATER CONSUMPTION OF MAIN USES			293 KLD

6. Water requirement details for Expansion:

S. No.	Description	Total Population/Area in (m2)	Unit water Consumption (LPCD)	Total Water Requirement (KLD)
A. MAIN USES (DOMESTIC)				
1.	IPD (Patient, attendants, visitors, staff etc.)	120	450	54
2.	OPD	750	15	11.25
3.	Laundry	3.5 kg/bed	25lt/bed/day	10.5
4.	Kitchen	(1500 meals)	15liters	22.5
5.	Clinical water		20lt/bed/day	2.4
6.	Labs, Operation &Labour Rooms etc.			10
	WATER CONSUMPTION OF MAIN USES			110.65 KLD
B.OTHER USES				
7.	Horticulture/landscape	13,800.00 m2	3ltrs/m2	41.4 say 41

8.	HVAC	140.97 TR	10lt/TR/hr(10hr)	14.09 Say 14
9.	DG cooling	2*750 kVA	0.9ltrs/kVA/hr	10.8 say 11
10.	Filter backwash			5
	TOTAL WATER DEMAND CALCULATED (1+2)			181.94 KLD

7. Municipal solid waste details:

Category	Counts (heads)	Waste Generated (kg/day)
Hospital and Residential Building's Waste		
Patient	520 @ 1.5 kg/day	780
Regular Staff • Doctors/Administrative Staff/Nurses/Ward Boys/Attendants/ Housekeeping Engineering Staff	650 @ 0.25 kg/day	162.5
Attendants +OPD	3770 @ 0.15kg/day	565.5
Landscape Waste (3.41Acre)	@0.2kg/acre	0.682
Total Waste Generated for Existing + Expansion		1,508.68 kg/day say 1,509kg/day

Total Bio Medical Waste Generation	780kg/day
Non-hazardous in Nature (@85%)	approx. 663 kg/day
Infectious in Nature (@10%)	approx. 78 kg/day
Non-Infectious but hazardous in nature (@5%)	approx. 39 kg/day
Total Municipal Waste Generation	729 kg/day
Biodegradable waste	approx.437.4 kg/day
Non-Bio degradable waste	approx. 218.7 kg/day
Inert waste	approx.72.9 kg/day

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

RESOLUTION AGAINST AGENDA NO-02

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

1. **Oxygen generation plant must be installed in the hospital premises.**
2. Provision of ambulance in CER should be provided.
3. Proposed parking should be increased by 10%
4. Emergency exit should be provided.
5. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
6. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
7. 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.
8. Parking space for ambulances shall be exclusively earmarked.
9. Police post shall be provided near emergency.
10. Dedicated power supply to be installed in Operation Theaters and other critical areas
11. Accommodation for attendants to be provided near indoor nursing wards.
12. 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.

13. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
14. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
15. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
16. 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.
17. 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.
18. 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.
19. 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. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
20. 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.
21. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
22. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs. No parking shall be allowed outside the project boundary.
23. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
24. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
25. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
26. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
27. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
28. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

3. Up-gradation of District Hospital upto 500 Beds at Bulandshahar, U.P. Dr. Rajeev Prasad, Chief Medical Superintendent Govt. Hospital, Bulandshahr. File No. 6154/Proposal No. SIA/UP/MIS/196317/2021

A presentation was made by project proponent along with their consultant M/s Chandigarh Pollution Testing Laboratory –EIA Division. The proponent, through the documents submitted and the presentation made, informed the committee that:

1. The Environment clearance is sought for Up-gradation of District Hospital upto 500 Beds at Bulandshahar, U.P. M/s Chief Medical Superintending, Bulandshahar, U.P.
2. Salient features of the project:

S. No.	Particulars	Details
1.	Plot area	61188.00 sqm
2.	Built-up area	Proposed Built up Area 28313 sqm+ (59.90%) Existing built up area is 18955 sqm (40.10%) Total built up area is 47268 sqm
3.	Ground Coverage	18575.20 Sqm. (30.35%)
4.	Parking area	10219.76 Sqm; Total No. of ECS Provided: Approx. 444 E.C.S
5.	Green area	12237.6 Sqm. (20%)
6.	Total water requirement	~307 KLD Fresh water: 182 KLD Recycle Water: 125 KLD
7.	Wastewater Generation	233 KLD
8.	STP/ ETP capacity	ETP -~28 KLD STP -~252 KLD
9.	Rain Water Harvesting Potential	2867 m3 (in 15 min): 11469.34/ 4 = 2867 m3 RWH Pits:8
10.	Municipal Solid Waste Generation	431 Kg/day
11.	Quantity of Bio-Medical Waste	550 Kg/Day
12.	Power requirement	1683 KVA
13.	Power back up	Total No. of DG set is 2, Proposed: 2 x 1000 KVA
14.	Connectivity	Bulandshahr Railway Station: 3.13 Km, SW
15.	Environmental Sensitivity	Kali River at 1.35 Km ESE
16.	Geo Coordinates	Latitude: 28° 24' 19.505" N Longitude: 77° 50' 55.390" E
17.	Total cost of the project	~ Cr 252 Crores

3. Comparative details of existing and expansion proposal:

Sl. No.	Description	Existing	Proposed	Total (Required after expansion)
1.	Built-up Area	18955 Sqm.	28313 Sqm.	47268 Sqm.
2.	Hospital	270 Beds	230 Beds	500 Beds
3.	Fresh water (KLD)	84	98	182
4.	Flushing (KLD)	42	45	87
5.	Total water (KLD)	126	143	269
6.	Total waste water (KLD)	110	123	233
7.	Proposed ETP (KLD)	---		28 KLD
8.	Proposed STP (KLD)	---		252 KLD
9.	Bio Medical waste	270Kg/day	280 Kg/day	550Kg/day

10.	Plantation	97 Nos.	667 Nos.	764 Nos.
11.	Power Requirement KVA	11 KW	1672 KW	1683 KW
12.	Parking	--		444 Nos.

4. Area details of the project:

BUILDING NO.	BUILDING NAME	NO. OF FLOORS	(Building Height) (MT.) UPTO TOP SLAB EXCLUDING MUMTY & MACHINE RM	PLINTH LVL. W.R.T. E. R.L.	GROUND COVD. AREA OF INDIVIDUAL BLOCK (SQ.MT.)	TOTAL BUILT UP AREA ON ALL FLOORS (EXCLUDING STILT/ GROUND) FOR FAR (SQMT.)	TOTAL BUILT UP AREA ON ALL FLOORS (SQMT.)
1	230 BEDDED HOSPITAL	G+6	29.98	1200	2462.4	16531.60 SQMT	18994.00
2	SERVICE BLOCK	G+4	20.6	600	597.32	2541.88 SQMT.	3139.20
3	MGPS & BMW BLOCK	G	4.85	600	362.8	…	362.80
4	MORTUARY BLOCK	G+1	8.85	600	450	450.00 SQMT.	900
5	NURSES HOSTEL	G+3	12.6	600	290	831.00 SQMT.	1121
6	RESIDENT DR. HOSTEL	G+6	21.6	600	611	2735.00 SQMT.	3346
7	ESS BLOCK	G	9	450	450	….	450
	TOTAL				5223.2	23089.60	28313.00

5. Water requirement details of proposed project:

	No of person	Domestic/ fresh water (LPD)	Flushing water (LPD)	Total water (LPD)	Total Wastewater (LPD)
No of Bed	230	69000	34500	103500	89700
OPD	800	8000	4000	12000	10400
Staffs	50	1250	1000	2250	2000
Resident Doctor @ 62 + Nurse Hostel @ 49	113	10170	5085	15255	13221
Canteen & Kitchen	…	10000		10000	8000
Subtotal-I		98420	44585	143005	123321
ETP/STP requirement					
Effluent generation @10% of total wastewater	12.33 KLD	Capacity of ETP (20% higher than total Effluent generation			15 KLD
Sewage generation @90% of total wastewater	111 KLD	Capacity of STP (20% higher than total Sewage generation)			133 KLD
Total capacity of treatment plant	148 KLD				

Total treated water generation	99 KLD (@80% total wastewater)				
HVAC & DG Cooling				5 KLD	
Irrigation water 8094 Sqm @ 5 L/sqm.				40 KLD	
Total Water Requirement in KLD				197 D	

6. Waste generation details:

Solid waste generation during Operational Phase			
Particulars	No	Kg per capita waste generation	Total waste generation (kg/day)
Patient's attendant	400	0.5	200
Staff	100	0.25	25
Hostels	111	0.5	55.5
Visitor + OPD + Hospital Beds	1000	0.15	150
Landscape waste (12237.6 sqmt/3.02 acre)		0.2kg/acre	0.604
Total solid waste generated (Kg/day)			431
Non-bio degradable @ 40% of solid waste			172
Bio-degradable @ 60% of solid waste			258
E-Waste			5
Hazardous waste			8

7. Bio medical waste details:

Bio medical waste generation	500	1	500
OPD BMW			50

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

RESOLUTION AGAINST AGENDA NO-03

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

1. **Oxygen generation plant must be installed in the hospital premises.**
2. Provision of ambulance in CER should be provided.
3. Emergency exit should be provided.
4. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. 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.
7. Parking space for ambulances shall be exclusively earmarked.
8. Police post shall be provided near emergency.
9. Dedicated power supply to be installed in Operation Theaters and other critical areas
10. Accommodation for attendants to be provided near indoor nursing wards.

11. 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.
12. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
13. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
14. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
15. 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.
16. 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.
17. 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.
18. 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. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
19. 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.
20. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
21. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs. No parking shall be allowed outside the project boundary.
22. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
23. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
24. 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 taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
27. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

4. Up-gradation & Expansion of Existing District Hospital at Gonda, Dr. Ghanshyam Singh, Chief Medical Superintending, Gonda, U.P. File No. 6182/Proposal No. SIA/UP/MIS/197384/2021

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

1. The environmental clearance is sought for Upgradation& Expansion of Existing District Hospital at Gonda, Dr. Ghanshyam Singh, Chief Medical Superintending, Department of Medical Education, Gonda, U.P.
2. Salient features of the project:

S.NO.	PARTICULARS	PROPOSED
1.	Net Plot Area	59,458.95m2 (14.69Acres)
2.	Proposed FAR	52,741.83m2 (Existing – 33,235.57m2 + Expansion – 19,506.26m2)
3	Proposed Ground Coverage	19,354.3m2 (Existing – 15,806.93m2 + Expansion – 3,547.30m2)
4.	Total Built Up Area	53,487.5m2 (Existing – 33,313.57m2 + Expansion – 20,251.93m2)
5.	Maximum No. Of Floors	G+7thfloor (Hospital Building)
6.	No. Of Beds	470 Bedded [Existing - 260 + Expansion - 210]
7.	Expected Population (Existing + Expansion)	2,967
8.	Total Water Requirement and fresh water Requirement for (Existing + Expansion)	Total water requirement for (Existing +Expansion) - 448KLD & Total Fresh water requirement – 254KLD Existing-(Hospital + Residential Block) Water Requirement - 206KLD Fresh water-144 KLD Expansion- (Hospital + Residential Block) Water Requirement – 242 KLD Fresh water- 110KLD
10.	Total Recycled Water for (Existing + Expansion)	302KLD
11.	STP Technology & Capacities for (Existing + Expansion)	STP-350KLD; RBC ETP - 100 KLD
12.	Total Power Requirement & Source	2,358KW; Power is available at 11 KV from Uttar Pradesh State Electrical Board/UPPCL.
13.	Power Backup DG Sets Capacity	DG Sets 2*1250kVA for each
14.	Rainwater Harvesting Pit	15 (1Pit/Acre)
15.	Total Parking Proposed	120 ECS
16.	Total Solid Waste Generation for Existing + Expansion	1,318kg/day Bio medical waste generation- 705 kg/day Municipal Waste generation- 613kg/day
17.	Project Cost	Rs. 126.65 Crores
18.	Energy Conservation Percentage	13.99%
18.	Maximum Height	30.00 mtrs (Hospital)

3. Area details:

S. No.	Particulars	Existing Area (m2)	Expansion Area (m2)	Total Area (m2)	% Age
1.	Plot Area as per land Allotment			59,458.95 (14.69Acres)	100
2.	Permissible Ground Coverage (@35% of NPA)			20,810.63	
3.	Proposed Ground Coverage (@ 32.55% of PA)	15,806.93 (26.58%)	3,547.30 (5.97%)	19,354.23	32.55

4.	Permissible FAR (@ 1.50 of NPA)			89,188.425	
5.	Proposed FAR (@ 0.89 of NPA)	33,235.57 (55.87%)	19,506.26 (32.80%)	52,741.83	
6.	Non FAR area	-	745.67	745.67	
7.	Built Up Area	33,313.57 (56.03%)	20,251.93 (34.06%)	53,487.5	
8.	Net Open Area (NOA)			40,104.72	52.45
9.	Landscape Area (@ 15.00 % of PA)			8,918.84	15
10.	Maximum Height of the (Hospital Building)			30.00mtrs (Terrace)	

4. Parking details:

Parking required for surface Area	@12.5sqm. per ECS 1350/12.45 = 108ECS
Total Parking Proposed	120 ECS

5. Water requirement details for Existing:

S. No.	Description	Total Population/Area in (m2)	Unit water Consumption (LPCD)	Total Water Requirement (KLD)
1.	Main Uses (Domestic)			
a.	IPD (Patient, attendants, visitors, staff etc.)	260	450	117
b.	OPD	350	15	5.25
c.	Laundry	3.5 kg/bed	25lt/bed/day	22.75
d.	Kitchen	(1000 meals)	15liters	15
e.	Clinical water		20lt/bed/day	5.2
f.	Labs, Operation &Labour Rooms etc.			10
g.	Residents	356	86	30.62
	WATER CONSUMPTION OF MAIN USES			205.82 KLD SAY 206 KLD

6. Water requirement details for Expansion

S. No.	Description	Total Population/Area in (m2)	Unit water Consumption (LPCD)	Total Water Requirement (KLD)
1.	Main Uses (Domestic)			
a.	IPD (Patient, attendants, visitors, staff etc.)	210	450	95
b.	OPD	400	15	6
c.	Laundry	3.5 kg/bed	25lt/bed/day	18.37
d.	Kitchen	(850meals)	15liters	12.75
E.	Clinical water		20lt/bed/day	4.2
f.	Labs, Operation &Labour Rooms etc.	-	-	10
g.	Residents	102	86	8.77
h.	Staff	23	45	1.04
i.	Visitors	46	15	0.69
	WATER CONSUMPTION OF MAIN USES			156.82 KLD SAY 157 KLD
2.	Other Uses			
a.	Horticulture/landscape	8,918.84m2	3ltrs/m2	27
b.	HVAC	300 TR	10lt/TR/hr(10hr)	30
c.	DG cooling	2*1250 kVA	0.9ltrs/kVA/hr	18
d.	Filter backwash			10
	TOTAL WATER DEMAND CALCULATED (1+2)			242KLD

7. Municipal solid waste details:

Category	Counts (heads)	Waste Generated (kg/day)
Hospital and Residential Building's Waste		
Patient	470 @ 1.5 kg/day	705
Regular Staff	773 @ 0.25 kg/day	193.25
Attendants +OPD Visitors	1266 @ 0.15kg/day	189.9
Residents	458 @ 0.5kg/day	229
Landscape Waste (2.20Acre)	@0.2kg/Acre	0.44
TOTAL WASTE GENERATED		1,317.59 kg/day say 1,318 kg/day

Total Bio Medical Waste Generation	705 kg/day
Non-hazardous in Nature (@85%)	approx. 599.25 kg/day
Infectious in Nature (@10%)	approx. 70.5 kg/day
Non-Infectious but hazardous in nature (@5%)	approx. 35.25 kg/day
Total Municipal Waste Generation	613kg/day
Biodegradable waste (@60%)	approx.367.8kg/day
Non-Bio degradable waste (@30%)	approx.183.9kg/day
Inert waste (@10%)	approx.61.3 kg/day

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

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and 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. **Oxygen generation plant must be installed in the hospital premises.**
2. Provision of ambulance in CER should be provided.
3. Emergency exit should be provided.
4. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. 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.
7. Parking space for ambulances shall be exclusively earmarked.
8. Police post shall be provided near emergency.
9. Dedicated power supply to be installed in Operation Theaters and other critical areas
10. Accommodation for attendants to be provided near indoor nursing wards.
11. 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.
12. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
13. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.

14. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
15. 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.
16. 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.
17. 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.
18. 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. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
19. 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.
20. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
21. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs. No parking shall be allowed outside the project boundary.
22. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
23. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
24. 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 taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
27. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

5. Up gradation& Expansion of Existing District Hospital at Kaushambi. Dr, Dipak Seth, CMS, Govt. District Hospital Kaushambi. File No. 6197/Proposal No. SIA/UP/MIS/198357/2021

RESOLUTION AGAINST AGENDA NO-05

The committee noted that the matter has already been discussed by the SEAC in its 537th SEAC meeting dated 07/04/2021 and recommended to grant the environmental clearance for the project. Hence, no action is required.

6. Up gradation & Expansion of District Hospital Chanduali from 200 bedded to 500 bedded Hospital at Chanduali., Chief Medical Superintending, Chanduali. File No. 6253/Proposal No. SIA/UP/MIS/206025/2021

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

1. Up gradation & Expansion of District Hospital Chanduali from 200 bedded to 500 bedded Hospital at Chanduali, Uttar Pradesh by M/s Medical Education Department.
2. Salient features of the project:

S. No.	Particulars	Details
1.	Plot area	38448.56 m^2 (Existing-38448.56 m^2) (approx. 9.5 acre)
2.	Built-up area	52139.15 m^2 (Existing-27429.5 m^2+ Proposed - 24709.65 m^2)
3.	Parking	760 ECS. (397 No- Existing + 363 No- Proposed)
4.	Green area	16048.3 m^2 (Existing-11534.5 m^2 + Proposed -4513.9 m^2)
5.	Paved Area /Open Area	1860.5 m^2
6.	Expected Population (Existing + Expansion)	2162
7.	Total water requirement	371 KLD (Existing-160 KLD + Proposed- 211 KLD)
9.	Fresh Water Requirement	234 KLD (Existing-92 KLD + Proposed- 142 KLD)
10.	Wastewater Generation	374 KLD (40 KLD–ETP+ 334KLD-STP)
11.	STP/ ETP capacity	ETP -~50 KLD STP - ~350 KLD
12.	Rain Water Harvesting Potential	568 m^3 (in 15 min): RWH Pits: 7
13.	Municipal Solid Waste Generation	608 kg/day (Existing-236 kg/day + Proposed- 372 kg/day)
14.	Quantity of Bio-Medical Waste	500 kg/day (Existing-200 kg/day + Proposed- 300 kg/day)
15.	Power requirement	1570 kVA
16.	Power back up	1500 KVA (2 no. 750KVA)
17.	Connectivity	• Chandauli Majhwar Railway Station: 0.66 Km, NW • SH 69 , 0.97 Km towards NW • Lal Bahadur Shastri Airport, 46.96 km towards NW
18.	Total cost of the project	~ 302 Crores

3. Area Details of the project:

S. NO.	DESCRIPTION	AREA (m^2) Existing	AREA (m^2) Proposed	AREA (m^2) Total
A.	Plot Area	38448.56	-	38448.56
B.	Permissible Ground Coverage (30%)	-	-	11534.5
C.	Proposed Ground Coverage (22%)	3291.841	5166.84	8458.68
D.	Proposed FAR of the project (@1.31)	26529.50	24214.17	50743.67
E.	Non FAR approx.	900	495.48	1395.48
F.	Total Built-up area(D+E)	27429.5	24709.65	52139.15
G.	Green Area (41.7%)	11534.5	4513.9	16048.3
H.	Area Under Roads (15%)	5767.28	-	5767.28
I.	Parking Area (16.42 %)	4613.8	1700	6313.8
J.	Paved Area / Open Area (4.83%)	-	-	1860.5

4. Water requirement of the project:
   - Existing Water Requirements

Category	Water Requirement (KLD)	Fresh Water Requirement (KLD)	Recycled Water requirement (KLD)
Total Domestic Water Demand			

Outdoor patients, Indoor patients , Attendants with IPD patients, Visitors, Staff, Residential Staff, Laundry	123	92	31
Horticulture	35	-	35
Fire Fighting	2	-	2
Total	160	92	68

- Proposed Water Requirements:

Category	Water Requirement (KLD)	Fresh Water Requirement (KLD)	Recycled Water requirement (KLD)
Total Domestic Water Demand			
Outdoor patients, Indoor patients , Attendants with IPD patients, Visitors, Staff, Residential Staff (Jr & Sr. Resident, doctors, nurses,), Laundry	189	142	47
Horticulture	14		14
Fire Fighting	2	-	2
DG cooling	6	-	6
Total	211	142	69

5. Waste water details:

Category	Total Quantity (KLD)
Effluent generation (Blood bank, OT) (Existing +Proposed)	40 (15+25)
Capacity of ETP (1 no's of 50 KLD)	50
Sewage generation (@90% of the fresh + 100% flushing water requirement+ 90 % Laundary)	334 (114+175+45)
Capacity of STP	350
Recovered water from STP (90% of Waste water)	300
Total Recycled Waste Water Generated STP	300
1. Flushing	78
2. Landscaping	49
3. Fire Fighting	4
4. DG cooling	6
5. HVAC/Construction in nearby areas/road washing/sewer	163+36 (199)

6. Solid waste generation details:

S.No	Description	Total Solid Waste Generation
1	Total Municipal Waste	608 kg/day
2	STP Sludge	38 kg/day
3	ETP Sludge	11 kg/day
	Total Solid Waste	657 kg/day
	Bio-Medical waste	500 kg/day

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

RESOLUTION AGAINST AGENDA NO-06

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

1. **Oxygen generation plant must be installed in the hospital premises.**
2. Provision of ambulance in CER should be provided.
3. 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.

4. Emergency exit should be provided.
5. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
6. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
7. 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.
8. Parking space for ambulances shall be exclusively earmarked.
9. Police post shall be provided near emergency.
10. Dedicated power supply to be installed in Operation Theaters and other critical areas
11. Accommodation for attendants to be provided near indoor nursing wards.
12. 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.
13. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
14. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
15. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
16. 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.
17. 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.
18. 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.
19. 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. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
20. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
21. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs. No parking shall be allowed outside the project boundary.
22. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
23. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

24. 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 taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
27. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

7. Up gradation & Expansion of District Hospital Pilibhit from 300 bedded to 500 bedded Hospital at Pilibhit, U.P., Chief Medical Superintending, Pilibhit. File No. 6254/Proposal No. SIA/UP/MIS/206110/2021

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

1. The Environment clearance is sought for Up-gradation & Expansion of District Hospital Pilibhit from 300 bedded to 500 bedded Hospital at Pilibhit, Uttar Pradesh by M/s Medical Education Department.
2. Salient features of the project:

S. No.	Particulars	Details
1.	Plot area	71610 m^2 (Existing-59470.00 m^2 + Proposed 12140.6 m^2) (approx. 17.69 acre)
2.	Built-up area	68755.12 m^2 (Existing- 42034.3 m^2+ Proposed 26720.82 m^2)
3.	Parking	1005 ECS. (616 No- Existing + 389 No- Proposed)
4.	Green area	6072.61 m^2 (Existing-3372.08 m^2 + Proposed 2700 m^2)
5.	Paved Area /Open Area	28039.8 m^2
6.	Expected Population (Existing + Expansion)	2162
7.	Total water requirement	343 KLD (Existing-193 KLD + Proposed- 150 KLD)
9.	Fresh Water Requirement	234 KLD (Existing-136 KLD + Proposed- 98 KLD)
10.	Wastewater Generation	374 KLD (40 KLD–ETP+ 334KLD-STP)
11.	STP/ ETP capacity	ETP -~50 KLD STP - ~350 KLD
12.	Rain Water Harvesting Potential	284 m^3 (in 15 min): RWH Pits: 6
13.	Municipal Solid Waste Generation	608 kg/day (Existing-341 kg/day + Proposed- 267 kg/day)
14.	Quantity of Bio-Medical Waste	500 kg/day (Existing-300 kg/day + Proposed- 200 kg/day)
15.	Power requirement	1570 kVA
16.	Power back up	1500 KVA (2 no. 750KVA)
17.	Connectivity	• Pilibhit Junction Railway Station: 1.71 Km, S • Project site is well connected with road. Site abuts the road adjacent to it. This adjacent road connects site to SH 29SH-18, 0.45 Km towards NW • NH730 , 0.78 Km towards SW • Bareilly Airport, 41.02 km towards SW
18.	Total cost of the project	~ 338 Crores

3. Area Details of the project:

S. NO.	DESCRIPTION	AREA (m^2) Existing	AREA (m^2) Proposed	AREA (m^2) Total
A.	Plot Area	59470.00	12140.6	71610.00
B.	Permissible Ground Coverage (30%)	17841	3642.18	21483.18
C.	Proposed Ground Coverage (21.61 % - Existing & 45 %- Proposed)	12851.09	5545.68	18396.77
D.	Proposed FAR of the project (0.69 % - Existing & 2.15 %- Proposed)	41034.3	25933.92	66968.22
E.	Non FAR approx.	1000	786.90	1786.9
F.	Total Built-up area(D+E)	42034.3	26720.82	68755.12
G.	Green Area	3372.08	2700	6072.61
H.	Area Under Roads	8920.5	2185.2	11105.7
I.	Parking Area	7136.4	1214	8350.4
J.	Paved Area /Open Area	27190	494.6	28039.8

4. Water requirement of the project:

- Existing Water Requirements

Category	Water Requirement (KLD)	Fresh Water Requirement (KLD)	Recycled Water requirement (KLD)
Total Domestic Water Demand			
Outdoor patients, Indoor patients , Attendants, Visitors & Staff, Residential Staff (Jr & Sr. Resident, doctors, nurses,), Laundry	181	136	45
Horticulture	10	-	10
Fire Fighting	2	-	2
Total	193	136	57

- Proposed Water Requirements:

Category	Water Requirement (KLD)	Fresh Water Requirement (KLD)	Recycled Water requirement (KLD)
Total Domestic Water Demand			
Outdoor patients, Indoor patients , Attendants, Visitors & Staff, Residential Staff (Jr & Sr. Resident, doctors, nurses,), Laundry	131	98	33
Horticulture	11	-	11
Fire Fighting	2	-	2
DG cooling	6	-	6
Total	150	98	52

5. Waste water details:

	Category	Total Quantity (KLD)
	Effluent generation (Blood bank, OT, Laundary) (Existing +Proposed)	40 (25+15)
	Capacity of ETP (1 no's of 50 KLD)	50
	Sewage generation (@90% of the Fresh + 100% flushing water requirement+90 % Laundary)	334 (194.4+139.2)
	Capacity of STP	350
	Recovered water from STP (90% of Waste water)	300
	Total Recycled Waste Water Generated STP	300
1.	Flushing	78
2.	Landscaping	21
3.	Fire Fighting	4

4. DG cooling	6
5. HVAC/Construction in nearby areas/road washing/sewer	191

6. Solid waste generation details:

S. No	Description	Total Solid Waste Generation
1	Total Municipal Waste	608 kg/day
2	STP Sludge	34 kg/day
3	ETP Sludge	4 kg/day
	Total Solid Waste	646 kg/day
	Bio-Medical waste	500 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 matter 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. **Oxygen generation plant must be installed in the hospital premises.**
2. Provision of ambulance in CER should be provided.
3. 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.
4. Emergency exit should be provided.
5. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
6. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
7. 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.
8. Parking space for ambulances shall be exclusively earmarked.
9. Police post shall be provided near emergency.
10. Dedicated power supply to be installed in Operation Theaters and other critical areas
11. Accommodation for attendants to be provided near indoor nursing wards.
12. 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.
13. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
14. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
15. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
16. 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.
17. 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.

18. 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.
19. 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. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
20. 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.
21. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
22. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs. No parking shall be allowed outside the project boundary.
23. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
24. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
25. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
26. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
27. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
28. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

8. Up gradation of District Referral Hospital from 200 bedded to 500 bedded Hospital at District-Etah. Principal Medical College, Etah. File No. 6258/Proposal No. SIA/UP/MIS/206555/2021

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

1. The Environment clearance is sought for Up gradation of District Referral Hospital from 200 bedded to 500 bedded Hospital at District- Etah, U.P., Principal Medical College, Etah.
2. Comparative details of existing and expansion proposal:

	Existing	Proposed	Total
Plot area	38242.79 m^2	-	38242.79 m^2
Built-up Area	12590.80 m^2	22996.34 m^2	35587.14 m^2
Total Expected Population	1428 Persons	2072 Persons	3500Persons
Source of water supply	1 no Tubewell	-	1 no Tubewell
Electricity supply	33/0.433 KVA	-	33/0.433 KVA

Total Consumption of Water	147 KLD	156.96 KLD	303.96 KLD
Total MSW generated	239 kg/day	397.8 kg/day	636.8 kg/day
Transit centers	1	-	1
STP capacity	-	24 MLD STP at Manpur Etah (For existing & proposed)	24 MLD STP at Manpur Etah
ETP capacity	-	235 KLD (for existing & proposed)	235 KLD
D.G set Capacity	1 no 320 KVa	1 no's 320 KVA	2 no's of 320 KVA each
Total Project Cost	-	216.84 Crore	216.84 Crore

3. Land use details:

S. No.	Particulars	Area (m^2)	%age
1	Ground coverage	4620.77	12.10
2	Road Area	8030.98	20.99
3	Green Area (Soft scaping)	5736.41	15.00
4	Green Area (Hard Scaping)	1913.59	5.00
5	Parking Area	7745.12	20.25
6	Open Area	10195.92	26.66
7	Plot area	38242.79	100.00

4. Population details:

S. No.	Staff designation	Existing population	Proposed population	Total population
1.	Doctors	40	50	90
2.	Nurse & Paramedical staff	76	201	277
3.	Administration	12	21	33
4.	Visitors	600	800	1400
5.	OPD Patients	500	700	1200
6.	In Patients	200	300	500
7.	Total Expected Population	1428	2072	3500

5. Parking details:

Parking details	
Details	ECS
Required	
Hospital (100 m^2/1.5 ECS) i.e, 35587.14 m^2	533 ECS
Provided	
Surface Parking Area (7745.12 m^2)	336 ECS
Open Area (4577 m^2)	199 ECS
Total provided	535 ECS

6. Water requirement details:

S.no.	Water Use	Population	Per Capita in (LPCD)	Water Requirement (KLD)	Waste Water Generation (KLD)	
1.	Doctor	90	86	7.74	6.2	
2.	Nurse & Paramedical staff	277	86	23.82	19.05	
3.	Administration Staff	33	45	1.5	1.2	
4.	Visitors	1400	15	21.0	16.68	
5.	OPD Patients	1200	15	18.0	14.4	
Total Domestic Water Requirement				72.06	57.53	
6.	Hospital beds	500	450	225	180	
7.	Path lab	-	-	10	8	

	(Lumpsum)				
8.	D.G. Set Cooling	640 KVA	0.9 l/KVA/4 hr	2.33	NIL
9.	Gardening Area	6118.8 m^2	1 l/m^2	0.7	NIL
TOTAL WATER REQUIREMENT				309.96	245.53

7. Total expected MSW: 636.8 Kg/day.
8. 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 grant of environmental clearance for the project proposals alongwith general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. **Oxygen generation plant must be installed in the hospital premises.**
2. Provision of ambulance in CER should be provided.
3. Emergency exit should be provided.
4. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. 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.
7. Parking space for ambulances shall be exclusively earmarked.
8. Police post shall be provided near emergency.
9. Dedicated power supply to be installed in Operation Theaters and other critical areas
10. Accommodation for attendants to be provided near indoor nursing wards.
11. 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.
12. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
13. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
14. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
15. 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.
16. 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.
17. 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.
18. 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. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.

19. 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.
20. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
21. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs. No parking shall be allowed outside the project boundary.
22. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
23. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
24. 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 taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
27. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

9. Up gradation existing District Referral Hospital from 200 bedded to 500 beds Hospital at Auraiya., Chief Medical Superintending, Auraiya. File No. 6267/Proposal No. SIA/UP/MIS/207541/2021

A presentation was made by project proponent along with their consultant M/s Chandigarh Pollution Testing Laboratory –EIA Division. The proponent, through the documents submitted and the presentation made, informed the committee that:

1. The Environment clearance is sought for Up-gradation of existing district /Referral Hospital from 250 to 500 bedded Hospital at Auraiya, U.P., M/s Chief Medical Superintending, Auraiya, U.P.
2. Salient features of the project:

S. No.	Particulars	Details
1.	Plot area	48043.90 sqm
2.	Built-up area	Proposed Built up Area: 25772.70 sqm (46.53 %)+ Existing built up area: 29611.81 (53.47 %) sqm. Total built up area: 55384.51 m2.
3.	Ground Coverage	14035.17 sqm
4.	Parking area	25914.73 sqm
5.	Green area	8094 sqm
6.	Total water requirement	~315 KLD Fresh water: 178 KLD

		Recycle Water: 137 KLD
7.	Wastewater Generation	234 KLD
8.	STP/ ETP capacity	ETP -~28 KLD STP -~253 KLD
9.	Rain Water Harvesting Potential	2624 m3 (in 15 min): 10496/ 4 = 2624 m3 RWH Pits: 9
10.	Municipal Solid Waste Generation	505 Kg/day
11.	Quantity of Bio-Medical Waste	550 Kg/Day
12.	Power requirement	2000 KVA
13.	Power back up	Total No. of DG set is 4, Existing: 62 KVA & 50 KVA Proposed: 2 x 320 KVA
14.	Connectivity	Phaphund Railway Station: 13 Km towards N NH-02, 0.68 km towards West Local Main rd., 0.04 km towards NE SH-21, 0.78 km towards NW By pass rd, 1.24 km towards NNW
15.	Environmental Sensitivity	Senger River – 0.8 km towards N Yamuna River – 4.65 km towards SW
16.	Geo Coordinates	
17.	Total cost of the project	~ 330.2078 Crores

3. Comparative details of existing and expansion proposal:

Sl. No.	Description	Existing	Proposed	Total (Required after expansion)
1.	Built-up Area	29611.81 Sqm	25772.70 Sqm	55384.51 Sqm
2.	Hospital	250 Beds	250 Beds	500 Beds
3.	Fresh water (KLD)	77.25	100.24	178
4.	Flushing (KLD)	40.5	51.49	92
5.	Total water (KLD)	117.75	151.73	270
6.	Total waste water (KLD)	102.3	131.68	234
7.	Proposed ETP (KLD)			28 KLD
8.	Proposed STP (KLD)			253 KLD
9.	Bio Medical waste per Bed (Kg/day)	270 (250 BEDs + 20 OPDs)	280 (250 BEDs + 30 OPDs)	550 (500 BEDs + 50 OPDs)
10.	Plantation	62	600	662
12.	Power Requirement KVA	100 KVA	1900 KVA	2000 KVA
13.	Parking	158 E.C.S.	251 E.C.S.	409 E.C.S.

4. Area details of the project:

	Plot Area (A)	48043.90					Sq. mt.	11.87	Acres
Proposed Building Blocks									
S. No.	Name of Building	Total no. of Floors	No. of Blocks	ld. T x.)	Units	und rage	Units	FAR Area	Units
1	Hospital	L+G+6	1	31.35	MT S.	3177.93	SQ.MT.	21180.06	SQ.MT.
2.	Resident Hostel	G+6	1	23.7	MT S.	392.74	SQ.MT.	2579.36	SQ.MT.
3.	Nurse hostel	G+5	1	20.4	MT S.	363.13	SQ.MT.	2013.28	SQ.MT.

5. Water requirement details of proposed project:

	No of person	Domestic/ fresh water (LPD)	Flushing water (LPD)	Total water (LPD)	Total Wastewater (LPD)
No of Bed	250	75000	37500	112500	97500
OPD	800	4000	8000	12000	11200
Staffs	50	1250	1000	2250	2000
Resident Doctor @ 62 + Nurse Hostel @ 49	111	9990	4995	14985	12987
Canteen & Kitchen	…	10000		10000	8000
Subtotal-I		100240	51495	151735	131687
ETP/STP requirement					
Effluent generation @10% of total wastewater	13 KLD	Capacity of ETP (20% higher than total Effluent generation			16 KLD
Sewage generation @90% of total wastewater	119 KLD	Capacity of STP (20% higher than total Sewage generation)			143 KLD
Total capacity of treatment plant					159 KLD
Total treated water generation			105 KLD (@80% total waste water)		
HVAC & DG Cooling				5 KLD	
Irrigation water 8094 Sqm @ 5 L/sqm.				40 KLD	
Total Water Requirement in KLD				197 D	

6. Waste generation details:

Solid waste generation during Operational Phase			
Particulars	No	Kg per capita waste generation	Total waste generation (kg/day)
Patient's attendant	400	0.5	200
Staff	96	0.25	25
Hostels	111	0.5	55.5
Visitor + OPD + Hospital Beds	1500	0.15	225
Landscape waste (8094 sqmt/2.00 acre)		0.2kg/acre	0.4
Total solid waste generated (Kg/day)			505.9 or 505
Non-bio degradable @ 40% of solid waste			202
Bio-degradable @ 60% of solid waste			303
E-Waste			5
Hazardous waste			15

7. Bio medical waste details:

Bio medical waste generation	500	1	500
OPD BMW			50

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

1. **Oxygen generation plant must be installed in the hospital premises.**
2. Parking should be increased by 10%.
3. Provision of ambulance in CER should be made.
4. Emergency exit should be provided.

5. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
6. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
7. 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.
8. Parking space for ambulances shall be exclusively earmarked.
9. Police post shall be provided near emergency.
10. Dedicated power supply to be installed in Operation Theaters and other critical areas
11. Accommodation for attendants to be provided near indoor nursing wards.
12. 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.
13. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
14. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
15. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
16. 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.
17. 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.
18. 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.
19. 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. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
20. 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.
21. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
22. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs. No parking shall be allowed outside the project boundary.
23. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
24. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be

generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

25. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
26. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
27. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
28. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

10. Khanda, Gitti Boulder & Red Morrum at Gata No.-476, Vill.-Pahra, The.-Sarila,Hamirpur., Shri Khare Lal Verma, Area -1.62 ha File No. 6225/Proposal No. SIA/UP/MIN/199756/2021

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

1. The environmental clearance is sought for Khanda, Gitti Boulder & Red Morrum at Gata No.-476, Vill.-Pahra, The.-Sarila,Hamirpur, U.P., (Leased Area -1.62 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	Proposal No. : SIA/UP/MIN/199756/2021		
2.File no. allotted by SEIAA,UP	6225		
3. Name of Proponent	ShriKhareLalVerma S/o ShriMukundLalVerma		
4. Full correspondence address of proponent and mobile no.	63 PathanpuraSwaraj Agency Ke Pass, Tehsil: Rath, District: Hamirpur (U.P)		
5. Name of Project	Khanda, Gitti, Boulder & Red Morrum (Building Stone) Mining Project"		
6. Project location (Plot/Khasra/Gate No.)	Gata No – 476		
7. Name of Village	Pahra		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Building Stone		
12. Sanctioned Lease Area (in Ha.)	1.62 Ha		
13. Altitude of the Area	The Highest Point at 152.0 mRL The Lowest Point at 148.0 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°40'48.72"N	79°40'31.13"E
	B	25°40'48.35"N	79°40'33.24"E
	C	25°40'41.95"N	79°40'37.18"E
	D	25°40'41.85"N	79°40'36.23"E
	E	25°40'42.10"N	79°40'34.48"E
	F	25°40'42.72"N	79°40'34.23"E
	G	25°40'42.91"N	79°40'32.97"E
	H	25°40'42.77"N	79°40'31.57"E
	I	25°40'44.14"N	79°40'31.40"E
	J	25°40'44.56"N	79°40'32.89"E
	K	25°40'44.44"N	79°40'33.78"E
	L	25°40'44.61"N	79°40'33.79"E

<table>
<tr><td></td><td>M</td><td>25°40'46.70"N</td><td>79°40'32.44"E</td></tr>
<tr><td></td><td>N</td><td>25°40'47.19"N</td><td>79°40'31.35"E</td></tr>
<tr><td></td><td>O</td><td>25°40'47.82"N</td><td>79°40'30.36"E</td></tr>
<tr><td>15. Total Geological Reserves</td><td colspan="3">4,82,406 m^3</td></tr>
<tr><td>16. Total Mineable Reserves</td><td colspan="3">1,83,825 m^3</td></tr>
<tr><td>17. Total Proposed Production (in five year)</td><td colspan="3">81,000 m3</td></tr>
<tr><td>18. Proposed Production/year</td><td colspan="3">16,200 m^3 per annum</td></tr>
<tr><td>19. Sanctioned Period of Mine lease</td><td colspan="3">10 Years</td></tr>
<tr><td>20. Production of mine/day</td><td colspan="3">62.30 m^3 /day (174.44 T/day) Bulk Density= 2.8</td></tr>
<tr><td>21. Method of Mining</td><td colspan="3">Open Cast, Semi-mechanized</td></tr>
<tr><td>22. Drilling & Blasting</td><td colspan="3">Yes (if Required)</td></tr>
<tr><td>23. No. of Working days</td><td colspan="3">260Days</td></tr>
<tr><td>24. Working hours/day</td><td colspan="3">8 hours/day</td></tr>
<tr><td>25. No. of Workers</td><td colspan="3">29Manpower</td></tr>
<tr><td>26. No. of vehicles movement/day</td><td colspan="3">17 Units
(Assumed Loading Capacity: 10 Tonnes/Unit)</td></tr>
<tr><td>27. Type of Land</td><td colspan="3">State Government Land</td></tr>
<tr><td>28 Ultimate Depth of Mining</td><td colspan="3">6 m (152mRL – 146mRL)
(source: Approved Mining Plan)</td></tr>
<tr><td>29. Nearest metalled road from site</td><td colspan="3">Nearest Metalled Road is 500 m, NW from the project site</td></tr>
<tr><td>30. Water Requirement</td><td colspan="3"><table>
<tr><th>Source</th><th>Purpose</th><th>Detail</th><th>Avg. Demand/ Day</th></tr>
<tr><td rowspan="4">Portable Tanker</td><td>Drinking & others @15lpcd/worker</td><td>29 workers x 15 lpcd = 435 lit/day</td><td>0.435 KLD</td></tr>
<tr><td>Plantation @5 Lit/plant</td><td>165 Trees x 5 lpcd = 825 Lit/day</td><td>0.825 KLD</td></tr>
<tr><td>Mine operation /others</td><td>-</td><td>1.0 KLD</td></tr>
<tr><td>Dust suppression @1 Lit/Sq.m (Twice in a day)</td><td>Haul Road Area = (500 m Length x 7m Width = 3500 m^2) x 1 lit/sq.m = 3500 lit x 2 (twice in a day) = 7000 lit/day</td><td>7.0 KLD</td></tr>
<tr><td colspan="3">Total</td><td>9.26 KLD</td></tr>
</table></td></tr>
<tr><td>31. Name of QCI Accredited Consultant with QCI No and period of validity.</td><td colspan="3">GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Extension Validity Till June 30/2021</td></tr>
<tr><td>32. Any litigation pending against the project or hand in any court</td><td colspan="3">No</td></tr>
<tr><td>33. Details of 500 m Cluster Map & certificate issued by Mining Officer</td><td colspan="3">Cluster certificate issued by DMO (Mining Section), Hamirpur. Letter No. 1948/Khanij-MMC-30-Vividh/2020-21, Date - 24/12/2020</td></tr>
<tr><td>34. Details of Lease Area in approved DSR</td><td colspan="3">Page No. 25, Table No. 10, Sr No. 1</td></tr>
<tr><td>35. Total Proposed Project Cost</td><td colspan="3">Rs. 67.23 Lakhs</td></tr>
<tr><td>36. Proposed CER cost</td><td colspan="3">Rs 3.36 Lakhs (5% of the total Project Cost)</td></tr>
<tr><td>37. Proposed EMP cost</td><td colspan="3">Rs 17.42 Lakhs</td></tr>
<tr><td>38. Length and Width of Haul Road</td><td colspan="3">Haulage Road Length500 m & Haulage Road Width 7 m</td></tr>
</table>

39. No. of Trees to be Planted	165 Trees

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. 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.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-10

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 the minutes.

11. Khanda, Boulder & (Gitti) Bailast Mining at Gata No.- 2561, Khand No.-03, Village-Pahra Tehsil-Sadar, Mahoba., Shri Ram Kishore Singh., Area 1.821 ha. File No. 6226/Proposal No. SIA/UP/MIN/199484/2021

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

1. The environmental clearance is sought for Khanda, Boulder & (Gitti) Bailast Mining at Gata No.-2561, Khand No.-03, Village-Pahra Tehsil-Sadar, Mahoba, U.P., (Lesaed Area 1.821 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	Proposal No. : SIA/UP/MIN/199484/2021		
2.File no. allotted by SEIAA,UP	6226		
3. Name of Proponent	Shri Ram Kishore Singh S/o ShriBalram Singh		
4. Full correspondence address of proponent and mobile no.	Village- Pahara, Tehsil & District: Mahoba (U.P) Pin code: 210424		
5. Name of Project	Building Stone or Khanda, Boulder, Ballast (Gitti) Mining Project"		
6. Project location (Plot/Khasra/Gate No.)	ArajiNo. –2561 (Khand No. 03)		
7. Name of Village	Pahra		
9. Tehsil	Sadar		
10. District	Mahoba(U.P)		
11. Name of Minor Mineral	Building Stone		
12. Sanctioned Lease Area (in Ha.)	1.821 Ha		
13. Altitude of the Area	The Highest Point at 195 mRL towards SW. The Lowest Point at 175 mRL towards SE		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°21'8.69"N	80° 3'46.42"E
	B	25°21'4.85"N	80° 3'50.27"E
	C	25°21'1.73"N	80° 3'49.21"E
	D	25°21'2.90"N	80° 3'44.42"E
	Toposheet: 63 C/3		
15. Total Geological Reserves	6,33,112.5 m^3		
16. Total Mineable Reserves	4,58,558 m^3		
17. Total Proposed Production (in five year)	4,50,000m3		
18. Proposed Production/year	90,000m^3 per annum		
19. Sanctioned Period of Mine lease	10 Years		

<table>
<tr><td>20. Production of mine/day</td><td>346.15m^3 /day (969.22 T/day) Bulk Density= 2.8</td></tr>
<tr><td>21. Method of Mining</td><td>Open Cast, Semi-mechanized</td></tr>
<tr><td>22. Drilling & Blasting</td><td>Yes (if Required)</td></tr>
<tr><td>23. No. of Working days</td><td>260Days</td></tr>
<tr><td>24. Working hours/day</td><td>8 hours/day</td></tr>
<tr><td>25. No. of Workers</td><td>34Manpower</td></tr>
<tr><td>26. No. of vehicles movement/day</td><td>97 Units
(Assumed Loading Capacity: 10 Tonnes/Unit)</td></tr>
<tr><td>27. Type of Land</td><td>State Government Land</td></tr>
<tr><td>28 Ultimate Depth of Mining</td><td>48 m (195mRL – 147mRL)
(source: Approved Mining Plan)</td></tr>
<tr><td>29. Nearest metalled road from site</td><td>Nearest Metalled Road is 727 m, SE from the project site</td></tr>
<tr><td>30. Water Requirement</td><td>
<table>
<tr><th>Source</th><th>Purpose</th><th>Detail</th><th>Avg. Demand/ Day</th></tr>
<tr><td rowspan="4">Portable Tanker</td><td>Drinking & others @15lpcd/worker</td><td>34 workers x 15 lpcd = 510 lit/day</td><td>0.51 KLD</td></tr>
<tr><td>Plantation @5 Lit/plant</td><td>190 Trees x 5 lpcd = 950 Lit/day</td><td>0.95 KLD</td></tr>
<tr><td>Mine operation /others</td><td>-</td><td>1.0 KLD</td></tr>
<tr><td>Dust suppression @1 Lit/Sq.m (Twice in a day)</td><td>Haul Road Area = (727 m Length x 7m Width = 5089 m^2) x 1 lit/sq.m = 5089 lit x 2 (twice in a day) = 10178 lit/day</td><td>10.17 KLD</td></tr>
<tr><td colspan="3">Total</td><td>12.63 KLD</td></tr>
</table>
</td></tr>
<tr><td>31. Name of QCI Accredited Consultant with QCI No and period of validity.</td><td>GLOBUS ENVIRONMENT ENGINEERING SERVICES
Certificate No. NABET/EIA/1821/IA0034, Extension Validity Till June 30/2021</td></tr>
<tr><td>32. Any litigation pending against the project or hand in any court</td><td>No</td></tr>
<tr><td>33. Details of 500 m Cluster Map & certificate issued by Mining Officer</td><td>Cluster certificate issued by DMO (Mining Section), Mahoba. Letter No.7393/MMC-30/2020-21,Date:16/12/2020
Category B2
Detail of other Mining lease area within 500m,
Village: Pahra
<table>
<tr><th>S. No.</th><th>Village</th><th>Araji No.</th><th>Khand No.</th><th>Area (Ha)</th></tr>
<tr><td>1</td><td>Pahra</td><td>2561</td><td>01</td><td>1.315</td></tr>
<tr><td>2</td><td>Pahra</td><td>2561</td><td>02</td><td>1.210</td></tr>
<tr><td>3</td><td>Pahra</td><td>2561</td><td>03</td><td>1.821</td></tr>
<tr><td></td><td></td><td>Total Area</td><td></td><td>4.346 Ha</td></tr>
</table>
</td></tr>
<tr><td>34. Details of Lease Area in approved DSR</td><td>Sr. No. 77, Page No. 80</td></tr>
<tr><td>35. Total Proposed Project Cost</td><td>Rs. 79.45Lakhs</td></tr>
<tr><td>36. Proposed CER cost</td><td>Rs 3.97Lakhs (5% of the total Project Cost)</td></tr>
<tr><td>37. Proposed EMP cost</td><td>Rs 24.33 Lakhs</td></tr>
<tr><td>38. Length and Width of Haul Road</td><td>Haulage Road Length727 m & Haulage Road Width 7 m</td></tr>
<tr><td>39. No. of Trees to be Planted</td><td>190 Trees (100 trees/ha.)</td></tr>
</table>

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. 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.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-11

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 the minutes.

12. Khanda, Boulder & (Gitti) Bailast Mining at Gata No.-142, Khand No.-01, Village-PahraSadar, Mahoba., Shri Ram Kishore Singh, Area1.214 ha. File No. 6228/Proposal No. SIA/UP/MIN/198891/2021

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

1. The environmental clearance is sought for Khanda, Boulder & (Gitti) Bailast Mining at Gata No.-142, Khand No.-01, Village-PahraSadar, Mahoba., (Leased Area-1.214 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	Proposal No. : SIA/UP/MIN/198891/2021		
2.File no. allotted by SEIAA,UP	6228		
3. Name of Proponent	Shri Ram Kishore Singh S/o ShriBalram Singh		
4. Full correspondence address of proponent and mobile no.	Village- Pahra, Tehsil & District: Mahoba (U.P) Pin code: 210424		
5. Name of Project	Building Stone or Khanda, Boulder, Ballast (Gitti) Mining Project"		
6. Project location (Plot/Khasra/Gate No.)	ArajiNo. –142 (Khand No. 01)		
7. Name of Village	Pachehra		
9. Tehsil	Sadar		
10. District	Mahoba(U.P)		
11. Name of Minor Mineral	Building Stone or Khanda, Boulder, Ballast (Gitti)		
12. Sanctioned Lease Area (in Ha.)	1.214 Ha		
13. Altitude of the Area	The Highest Point at 203.00 mRL towards SW. The Lowest Point at 196.00 mRL towards NE		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°16'23.72"N	79°59'13.51"E
	B	25°16'26.44"N	79°59'16.85"E
	C	25°16'25.25"N	79°59'19.41"E
	D	25°16'21.32"N	79°59'15.38"E
	Toposheet: 54 O/15 & 63 C/3		
15. Total Geological Reserves	5,26,932 m^3		
16. Total Mineable Reserves	3,80,671 m^3		
17. Total Proposed Production (in five year)	3,75,000m3		
18. Proposed Production/year	75,000m^3 per annum		
19. Sanctioned Period of Mine lease	10 Years		
20. Production of mine/day	288.46 m^3 /day (807.68 T/day) Bulk Density= 2.8		
21. Method of Mining	Open Cast, Semi-mechanized		
22. Drilling & Blasting	Yes (if Required)		

<table>
<tr><td>23. No. of Working days</td><td>260Days</td></tr>
<tr><td>24. Working hours/day</td><td>8 hours/day</td></tr>
<tr><td>25. No. of Workers</td><td>33Manpower</td></tr>
<tr><td>26. No. of vehicles movement/day</td><td>81 Units
(Assumed Loading Capacity: 10 Tonnes/Unit)</td></tr>
<tr><td>27. Type of Land</td><td>State Government Land</td></tr>
<tr><td>28 Ultimate Depth of Mining</td><td>30 m (203 mRL – 173mRL)
(source: Approved Mining Plan)</td></tr>
<tr><td>29. Nearest metalled road from site</td><td>380 m, NW</td></tr>
<tr><td>30. Water Requirement</td><td>
<table>
<tr><th>Source</th><th>Purpose</th><th>Detail</th><th>Avg. Demand/ Day</th></tr>
<tr><td rowspan="4">Portable Tanker</td><td>Drinking & others @15lpcd/worker</td><td>33 workers x 15 lpcd = 465 lit/day</td><td>0.495 KLD</td></tr>
<tr><td>Plantation @5 Lit/plant</td><td>125Trees x 5 lpcd = 625 Lit/day</td><td>0.625 KLD</td></tr>
<tr><td>Mine operation /others</td><td>-</td><td>1.0 KLD</td></tr>
<tr><td>Dust suppression @1 Lit/Sq.m (Twice in a day)</td><td>Haul Road Area = (376 m Length x 7m Width = 2632 m^2) x 1 lit/sq.m = 2632 lit x 2 (twice in a day) = 5264 lit/day</td><td>5.26 KLD</td></tr>
<tr><td colspan="3">Total</td><td>7.38 KLD</td></tr>
</table>
</td></tr>
<tr><td>31. Name of QCI Accredited Consultant with QCI No and period of validity.</td><td>GLOBUS ENVIRONMENT ENGINEERING SERVICES
Certificate No. NABET/EIA/1821/IA0034, Extension Validity Till June 30/2021</td></tr>
<tr><td>32. Any litigation pending against the project or hand in any court</td><td>No</td></tr>
<tr><td>33. Details of 500 m Cluster Map & certificate issued by Mining Officer</td><td>Cluster certificate issued by DMO (Mining Section), Mahoba. Letter No.7392/MMC-30/2020-21,Date:16/12/2020
Category B2
Detail of other Mining lease area within 500m,
Village: Pachehra
<table>
<tr><th>S. No.</th><th>Village</th><th>Araji No.</th><th>Khand No.</th><th>Area (Ha)</th></tr>
<tr><td>1</td><td>Pachehra</td><td>142</td><td>01</td><td>1.214</td></tr>
<tr><td>2</td><td>Pachehra</td><td>142</td><td>02</td><td>0.809</td></tr>
<tr><td></td><td></td><td>Total Area</td><td></td><td>2.023 Ha</td></tr>
</table>
</td></tr>
<tr><td>34. Details of Lease Area in approved DSR</td><td>Sr. No. 79, Page No. 80</td></tr>
<tr><td>35. Total Proposed Project Cost</td><td>Rs. 70.49 Lakhs</td></tr>
<tr><td>36. Proposed CER cost</td><td>Rs 3.52 Lakhs (5% of the total Project Cost)</td></tr>
<tr><td>37. Proposed EMP cost</td><td>Rs 16.35 Lakhs</td></tr>
<tr><td>38. Length and Width of Haul Road</td><td>Haulage Road Length 380 m & Haulage Road Width 7 m</td></tr>
<tr><td>39. No. of Trees to be Planted</td><td>125 Trees (100 trees/ha.)</td></tr>
</table>

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. 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.
5. There is no litigation pending in any court regarding this project.

6. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-12

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

13. Khanda, Gitti, Boulders & Red Morrum Mining at Gata No.-526, Village- Khadakhar, Tehsil-Rath, Hamirpur., Shri Sapan Kumar Agrawal.Area-0.80 ha. File No. 6229/Proposal No. SIA/UP/MIN/200237/2021

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

1. The environmental clearance is sought for Stone, Khanda, Gitti, Boulders Mining at Gata No.387, Khand No.-01, Village-Tooka, Teshil-Rath, District-Hamirpur, U.P. (Leased Area-2.02 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	Proposal No. : SIA/UP/MIN/200237/2021		
2.File no. allotted by SEIAA,UP	6229		
3. Name of Proponent	ShriSapan Kumar Agrawal S/o Late SudhakarAgrawal		
4. Full correspondence address of proponent and mobile no.	357 MuhalMugalpura, Tehsil: Rath, District: Hamirpur (U.P) Pincode: 210431		
5. Name of Project	Khanda, Gitti, Boulder & Red Morrum (Building Stone) Mining Project"		
6. Project location (Plot/Khasra/Gate No.)	Gata No. - 526		
7. Name of Village	Khadakhar		
9. Tehsil	Rath		
10. District	Hamirpur (U.P)		
11. Name of Minor Mineral	Khanda, Gitti, Boulder & Red Morrum		
12. Sanctioned Lease Area (in Ha.)	0.80 Ha		
13. Altitude of the Area	The Highest Point at 161.0 mRL towards North The Lowest Point at 155.0 mRL towards South		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°36'38.73"N	79°29'39.68"E
	B	25°36'38.82"N	79°29'42.18"E
	C	25°36'36.38"N	79°29'44.12"E
	D	25°36'35.61"N	79°29'43.20"E
	E	25°36'36.46"N	79°29'40.07"E
	Toposheet: 54O/6		
15. Total Geological Reserves	2,56,041 m^3		
16. Total Mineable Reserves	69,990 m^3		
17. Total Proposed Production (in five year)	40,000 m3		
18. Proposed Production/year	8,000 m^3 per annum		
19. Sanctioned Period of Mine lease	05 Years		
20. Production of mine/day	30.76 m^3 /day (86.12 T/day) Bulk Density= 2.8		
21. Method of Mining	Open Cast, Semi-mechanized		
22. Drilling & Blasting	Yes (if Required)		
23. No. of Working days	260Days		
24. Working hours/day	8 hours/day		
25. No. of Workers	27Manpower		
26. No. of vehicles movement/day	9 Units (Assumed Loading Capacity: 10 Tonnes/Unit)		

<table>
<tr><td>27. Type of Land</td><td>State Government Land</td></tr>
<tr><td>28 Ultimate Depth of Mining</td><td>12 m (161mRL – 149mRL)
(source: Approved Mining Plan)</td></tr>
<tr><td>29. Nearest metalled road from site</td><td>Rath - Kurra Road, 335 m, NE from the project site</td></tr>
<tr><td>30. Water Requirement</td><td>
<table>
<tr><th>Source</th><th>Purpose</th><th>Detail</th><th>Avg. Demand/ Day</th></tr>
<tr><td rowspan="4">Portable Tanker</td><td>Drinking & others @15lpcd/worker</td><td>27 workers x 15 lpcd = 405 lit/day</td><td>0.405 KLD</td></tr>
<tr><td>Plantation @5 Lit/plant</td><td>85 Trees x 5 lpcd = 425 Lit/day</td><td>0.425 KLD</td></tr>
<tr><td>Mine operation /others</td><td>-</td><td>1.0 KLD</td></tr>
<tr><td>Dust suppression @1 Lit/Sq.m (Twice in a day)</td><td>Haul Road Area = (335 m Length x 7m Width = 2345 m^2) x 1 lit/sq.m = 2345 lit x 2 (twice in a day) = 4690 lit/day</td><td>4.69 KLD</td></tr>
<tr><td colspan="3">Total</td><td>6.52 KLD</td></tr>
</table>
</td></tr>
<tr><td>31. Name of QCI Accredited Consultant with QCI No and period of validity.</td><td>GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Extension Validity Till June 30/2021</td></tr>
<tr><td>32. Any litigation pending against the project or hand in any court</td><td>No</td></tr>
<tr><td>33. Details of 500 m Cluster Map & certificate issued by Mining Officer</td><td>Cluster certificate issued by DMO (Mining Section), Hamirpur. Letter No. 2012/Khanij-MMC-30-Vividh/2020-21, Date - 29/12/2020</td></tr>
<tr><td>34. Details of Lease Area in approved DSR</td><td>Page No. 25, Table No. 10, Sr No. 9</td></tr>
<tr><td>35. Total Proposed Project Cost</td><td>58.50 Lakhs</td></tr>
<tr><td>36. Proposed CER cost</td><td>2.93 Lakhs (5% of the total Project Cost)</td></tr>
<tr><td>37. Proposed EMP cost</td><td>10.66 Lakhs</td></tr>
<tr><td>38. Length and Width of Haul Road</td><td>Haulage Road Length 335 m & Haulage Road Width 7 m</td></tr>
<tr><td>39. No. of Trees to be Planted</td><td>85 Trees (100 trees/ha.)</td></tr>
</table>

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. 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.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-13

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 the minutes.

14. Establishment of New Clinker Grinding Unit Capacity 12,00,000 TPA (3636 TPD) AT Plot No.- AL-5A, Sector- 23, GIDA, Tehsil- Sahjanwa, District-Gorakhpur, U.P., M/s Gallantt Industry Pvt. Ltd. File No. 6249/Proposal No. SIA/UP/IND/62209/2021

RESOLUTION AGAINST AGENDA NO-14

The committee observed that the standard terms of reference has already been issued through online parivesh portal regarding the project. Hence, no action is required at SEAC level.

15. Group Housing "Excella Kutumb" at Khasra No.- 2678/1, 2688/2, 2692/1, 2695/1, 2677, 2693, 2694, 2677, 2833/2, 2834, 2837 Sa, 2677, Village- Bakkas, Tehsil- Mohanlalganj, Lucknow, U.P., Shri Kishori Lal Goel, M/s ABC Infra promoters Pvt. Ltd. File No. 6210/Proposal No. SIA/UP/MIS/199015/2021

RESOLUTION AGAINST AGENDA NO-15

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

16. Common Biomedical Waste Management Treatment facility (CBWTF) at Arazi No.- 14, Village-Dakahi, Tehsil-Naugarh, District- Chandauli, U.P., M/s VRBA Bio Waste Solution Pvt. Ltd. File No. 5661/Proposal No. SIA/UP/MIS/203729/2021

The committee noted that the terms of reference for the Common Biomedical Waste Management Treatment facility (CBWTF) at Arazi No.- 14, Village-Dakahi, Tehsil-Naugarh, District- Chandauli, U.P., M/s VRBA Bio Waste Solution Pvt. Ltd. was issued by SEIAA, U.P. vide letter no. 194/Parya/SEAC/5661/2018 dated 08/07/2020. The project proponent vide letter dated 28/03/2021informed that due to some technical error the geo-coordinates mentioned in form-1 is wrong and the same has been mentioned in TOR letter dated 08/07/2020. The site was assessed during EIA study and a difference of 0.8 Km was observed in the GPS coordinates. Hence, the project proponent applied amendment application through online portal on 15/03/2021.

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 TOR and proposed amendment in TOR letter dated 08/07/2020:

Particular	Details mentioned in TOR	Proposed amendment in TOR
Latitude	24° 56.293' N	From 24°56'41" N to 24°56'46" N
Longitude	83° 13.897' E	From 83°13.42' E to 83°13.48' E
Nearest Highway	SH-97 2.51 Km W	SH-97 4.3 Km in West Direction
Wildlife Sanctuaries	Chandra Prabha Wildlife Sanctuary 7.0 Km W	Chandra Prabha Wildlife Sanctuary 4.3 Km W

RESOLUTION AGAINST AGENDA NO-16

The committee discussed the matter and recommended to amend the terms of reference letter no. 194/Parya/SEAC/5661/2018 dated 08/07/2020 as per above project details. The committee also directed the project proponent that all other contents and conditions mentioned in Environmental Clearance letter no. 194/Parya/SEAC/5661/2018 dated 08/07/2020 will remain same.

17. Group Housing "Elite Golf Green" at Land Parcel S.C.-01/D-4, Sector-79, Noida, Gautam Budha Nagar, U.P., M/s Golf Green Mansions Pvt. Ltd. File No. 1748/Proposal No. SIA/UP/MIS/204893/2021

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 2055/PARYA/SEAC/1748/2012/AD(Sub) dated 12/10/2013 for plot area 25,000 m^2 and built up area 1,09,412.4 m^2. The validity of Environment clearance letter dated 12/10/2013 expired on 11/10/2020. The project proponent applied for extension of validity on 22/03/2021 as per MoEF&CC notification no. S.O. 4254(E) dated 27th November, 2020.

RESOLUTION AGAINST AGENDA NO-17

The committee discussed the matter and recommended to extend the validity of Environmental Clearance letter dated 12/10/2013 for the period of 03 years i.e. 12/10/2020 to 11/10/2023. All the contents mentioned in Environmental Clearance letter no. 2055/PARYA/SEAC/1748/2012/AD(Sub) dated 12/10/2013 shall remain same.

(Dr. Virendra Misra) **Member**	**(Dr. Pramod Kumar Mishra)** **Member**	**(Dr. Ranjeet Kumar Dalela)** **Member**
(Meraj Uddin) **Member**	**(Dr. Ajoy Kumar Mandal)** **Member**	**(Dr. Sarita Sinha)** **Member**

(Dr. S.N. Singh)
Chairman

Annexure-1

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

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization and scope of working shall again required prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO_2, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly up loaded on the company's website and also displayed at website.
7. Data on ambient air quality (RPM, SPM, SO_2, NO_x) should be regularly submitted to the Regional office, MoEF, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall confirm to the norms prescribed in MoEF notification no. GSR/826(E) dt. 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health records of the workers shall be maintained.
11. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like mask and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to day hours time only.
15. Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

16. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform to the Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board
19. The Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board shall monitor compliance of the stipulated conditions. A complete set a documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing and other documents information should be given to Regional Office of the MoEF, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA,U.P. on 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

B. Specific Conditions:

1. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to valid lease in favour of project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan.
6. Explosive cannot be stored on the site.
7. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.

8. No two pits shall be simultaneously worked i.e. before the first is exhausted andreclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.
10. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
11. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
12. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programmebesides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknowevery year.
13. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoE&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for prevention of blasting associated impact on nearby houses and agricultural fields.
14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
16. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
17. Rain water harvesting shall be undertaken to recharge the ground water source.
18. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
21. Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the ML area and silts arrested. De- silting at regular intervals shall be carried out.
22. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de- silted at regular intervals.
23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.

24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
28. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.
29. The project proponent will ensure for providing employment to local people as per requirement, necessary protection measures around the mine pit and waste dump and garland drain around the mine pit and waste dump.
30. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
31. Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 35^{o}. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.
32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
33. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
34. Permission for abstraction of ground water shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority and Regional Director, Central Ground Water Board.
35. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of

Environment & Forests, GoI, Lucknow, Central Pollution Control Board and the State Pollution Control Board.

36. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.
37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Regional office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
40. Project Proponent shall explore the possibility of using solar energy where ever possible.
41. Commitment towards CER has to be followed strictly.
42. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
44. The blasting will be done only after getting the permission from the Mining Department.