Minutes of 477th SEAC Meeting Dated 10/07/2020

The 477th meeting of SEAC was held through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) on 10/07/2020. Following members participated in the online meeting:

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

The Chairman welcomed the members to the 477th SEAC meeting.
The SEAC unanimously took following decisions on the agenda points discussed:

1. Establishment of New 60 KLPD Distillery (Rectified Spirit/Extra Neutral Alcohol/Absolute Alcohol) along with Power Generation-2.5 MW,Village- Khadda,District- Kushinagar, U.P., M/s Indian Potash Ltd. File No. 5696/Proposal No. SIA/UP/IND2/53662/2020

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

1. The environmental clearance is sought for establishment a 60 KLD (RS/ENA/Ethanol), molasses based distillery along with 2.5 MW of Co- Generation Power Plant By M/s Indian Potash Limited (Distillery Unit)at P.O. Raja Bazar-Khadda,Tehsil And Block- KhaddaDistrict-Kushinagar, U.P.
2. Terms of reference in the matter were issued by MoEF&CC, Govt. of India vide letter no. IA-J-11011/157/2019-IA-II(I), dated 23 April 2019.
3. Public hearing was conducted on 27.02.2020 at proposed project site and final EIA report submitted by the project proponent on 12.06.2020
4. Salient features of the project:

S. N.	Item	Details
1.	Name of the Project	M/s. Indian Potash Ltd (DistilleryUnit) hasproposed to establishment a new 60 KLPDdistillery(Rectified Spirit/Extra Neutral alcohol/Ethanol) & Power Generation:2.5 MW
2.	Capacityof Distillery	New 60 KLPDdistillery(Rectified Spirit/Extra Neutral alcohol/Ethanol)
3.	Power Generation	Power Generation:2.5 MW
4.	Category	Category "B" and Schedule - 5 (g)
5.	Total Project Area	3.68 Hectare
6.	Green belt area	33% of total land area (Hectare)
7.	No. of working days	360 Days/Annum

8.	Total Project Cost	10380.00 Lakhs (Estimated)
9.	Quantity of Molasses	190 KLD
10.	Steam Requirement	19 TPH
11.	Boiler	Proposed : 1 no. of 25TPH (Slop Fired Boiler)
12.	Fuel Quality & Quantity	Slop : 84 KLD , Bagasse: 170 Tonn/day
13.	Air Pollution Control Device	ESP shall be installed with 25 TPH Boiler along with stack of 60 meter height (particulate emission from the stack shall be within the permissible limit 150 mg/Nm3.)
14.	Nos. of Stack	1 No. of Stack existing of 60 Meters Height.
15.	Water Requirement	Fresh Water Requirement (KLPD): Industrial Purposes 360 KLD @ 6.0 KL/KL of Product; Domestic Purposes 20 KLD. Source: Ground water (from Tube Domestic well)
16.	Spent wash generation	Spent Wash 420 KLPD @ 7.0 KL/KL of Product Other Effluents: 405 KLD (Condensates)
17.	Waste Water Treatment	For Spent wash : MEE followed by Incineration (Slop fired Boiler) For Other Effluent : Process Condensate Polishing Plant shall be installed for treatment of various other effluents (Condensate, Lees, Floor washing, Blow downs). Domestic effluent shall be disposed in Soak pit and Septic tank.
18.	Solid Waste Generation Ash from Boiler Use:	Ash generation: 18 MT/DAY: Ash shall be used as manure. For ash management unit will install granulation plant. Fermenter Sludge: 6 MT/Day: shall be used as manure (Unit is installing decanter for management of fermenter sludge).
19.	Cost towards Environmental protection measures(Capital cost)	Rs. 400 Lakhs
20.	Recurring cost towards Environmental control measures.	Rs. 50 Lakhs
21.	CER (Corporate Environmental Responsibility)	The proposed CER Cost is Rs. 155.70 Lakhs (1.5 % of capital investment), as per office memorandum no. F. No. 22-65/2017-IA.III dated 1st May 2018 as project is green field (New Distillery Project).

5. The project proposal falls under category – 5(g) as per the MoEF&CC notification dated 14/09/2006 (as amended).

RESOLUTION AGAINST AGENDA NO-01

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

I. Statutory compliance:

1. 45 days monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 60 days for a record.
2. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose

involved in the project.

3. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
4. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (in case of the presence of schedule-I species in the study area).
5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
6. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
7. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules , 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989

II. Air quality monitoring and preservation:

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

III. Water quality monitoring and preservation:

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

IV. Noise monitoring and prevention:

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

V. Energy Conservation measures:

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

VI. Waste management:

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

VII. Green Belt:

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

periphery of the plant.

VIII. Safety, Public hearing and Human health issues:

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

IX. Corporate Environment Responsibility:

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

X. Miscellaneous:

1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
2. The copies of the environmental clearance shall be submitted by the project proponents to the

Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

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

2. "SGS City 2" PMAY AT Village Akbarpur and Behrampur Khasra No.4, 7, 8, 9, 10, 13, 15, 16, 21P, 22, 23, 24 Village :- Shahbad Urf Mithhepur, Khasra No:- 44M & 45. Village :- Mirzapur, Khasra No:113P, 114P, 115P, 116M, 117P, 118M, 119, 120, 121P, 123, 124, 125, 126, 127, 129, 136, 137, 138, 139, 140, 141P, 142 near Indrapuram, NH24, Dist. Ghaziabad, U.P, Shri Rajeev Sood, M/s SGS Construction and Developer Pvt. Ltd. File No. 5655/5098/Proposal No. SIA/UP/MIS/52980/2019

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

1. The environmental clearance is sought for "SGS City 2" PMAY AT Village Akbarpur and Behrampur Khasra No.4, 7, 8, 9, 10, 13, 15, 16, 21P, 22, 23, 24 Village :- Shahbad Urf Mithhepur, Khasra No:- 44M & 45. Village :- Mirzapur, Khasra No:113P, 114P, 115P, 116M, 117P, 118M, 119, 120, 121P, 123, 124, 125, 126, 127, 129, 136, 137, 138, 139, 140, 141P, 142 near Indrapuram, NH24, Dist. Ghaziabad, U.P, M/s SGS Construction and Developer Pvt. Ltd.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 172/Parya/SEAC/5098/2018 dated 30th June 2020.
3. Plot Area of the project is 99,512 sq m, whereas, total Built-up Area is 5,34,267.04 sq m.
4. Max. No of floors are 3B+G+35. Total Saleable dwelling units will be 2078 Nos. and EWS will be 1493 Nos.
5. Salient features for the project:

Sl. No.	Description	Quantity	Unit
GENERAL			
1	Gross Plot Area	99512	SQMT
2	Proposed Built Up Area	534267.04	SQMT
3	Total no of Saleable DU's	2078	No.
4	EWS Units	1493	No.
5	Max Height of Building (Upto Terrace)	113.7	M
6	Max No of Floors	3B+G+35	No.
7	Expected Population (17855 Residential+18701 Floating)	36556	No.
8	Cost of Project	667.83	CR
9	Proj Activity : Residential complex with General & EWS Housing, Commercial & convt shopping, School, Post office, Police post, Rly Booking & ATM facilities		
AREAS			
10	Permissible Ground Coverage Area (50%)	49758.50	SQMT
12	Proposed Ground Coverage Area (20.51 %)	20415.41	SQMT
13	Permissible FAR Area (350+5% for Green Rating)	360749.13	SQMT
14	Proposed FAR Area (359.3)	355564.79	SQMT
15	Non FAR areas - Basement, stilt, mumty Machine rm etc.	178702.25	SQMT
16	Proposed Total Built Up Area	534267.04	SQMT
WATER			
17	Total Water Requirement	1968.49	KLD
18	Fresh water requirement	1330.96	KLD
19	Treated Water Requirement	637.53	KLD
20	Waste water Generation	1665.17	KLD
21	Proposed Capacity of STP	2000	KLD
22	Treated Water Available for Reuse	1332.14	KLD
23	Treated Water Recycled	637.53	KLD
24	Surplus treated water to be discharged in Municipal Sewer	694.61	KLD
PARKING			
25	Total Parking Required as / Building Bye Laws	3103 ECS + 1643 Scooters	ECS

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

6. Water & waste water details:

	POPULATION/ AREA/ UNIT	RATE IN LTS	TOTAL QTY IN KLD
RESIDENTIAL			
DOMESTIC	17855	65	1160.58
FLUSHING	17855	21	374.96
NON RESIDENTIAL (Working)			
DOMESTIC	3844	25	96.10
FLUSHING	3844	20	76.88
VISITORS			
DOMESTIC	14856	5	74.28
FLUSHING	14856	10	148.56
TOTAL POPULATION	36526		
GARDENING	14932 sqm	1	14.93
D G COOLING	12330 KVA	0.9	22.19
TOTAL WATER REQUIREMENT			1969

- Estimated Sewage Generation: 1665 KLD
- Waste water generated will be treated in on-site STP.
- Proposed treatment methodology : MBBR
- Proposed STP (Capacity): 2000 KLD
- Treatment up to tertiary level.
- STP shall have power back-up for uninterrupted operation during power failure.
- Treated wastewater will be used for horticulture, flushing and DG cooling.

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

RESOLUTION AGAINST AGENDA NO-02

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

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
12. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
13. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
14. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
15. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
16. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
17. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
18. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
19. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
20. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.

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

3. "SGS City 1" PMY at Village- Akbarpur and Behrampur Khasra No.- 1, 2, 3, 4, 5, 6, 6p, 7, 8, 16, 17, 18m, 19p, 20m, 21p, Village-Shahbad Urf Mithhepur Khasra No.-46,47,48,49, Village-Mirzapur Khasra No.- 126,127,128,129,130, 131,132, 133, 134, 135, 136, 137, Near Indrapuram, NH24, District- Ghaziabad, U.P., Shri Rajeev Sood, M/s SGS Construction and Developer Pvt. Ltd. File No. 5656/5097/Proposal No. SIA/UP/MIS/53050/2019

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

1. The environmental clearance is sought for "SGS City 1" PMY at Village- Akbarpur and Behrampur Khasra No.- 1, 2, 3, 4, 5, 6, 6p, 7, 8, 16, 17, 18m, 19p, 20m, 21p, Village-Shahbad Urf Mithhepur Khasra No.- 46,47,48,49, Village-Mirzapur Khasra No.- 126,127,128,129,130, 131,132, 133, 134, 135, 136, 137, Near Indrapuram, NH24, District- Ghaziabad, U.P., M/s SGS Construction and Developer Pvt. Ltd.

2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 171/Parya/SEAC/5097/2018 dated 30th June 2020.
3. Total Plot Area and Built up area of proposed project is 99,517 sq m and 530609.16 sq. m. respectively.
4. Max No. Floors will be 3B + G + 35. Max. height of the building will be 113.7 m.
5. Salient features for the project:

Sl. No.	Description	Quantity	Unit
GENERAL			
1	Gross Plot Area	99517	SQMT
2	Proposed Built Up Area	530609.16	SQMT
3	Total no of Saleable DU's	2080	No.
4	EWS Units	1493	No.
5	Max Height of Building (Upto Terrace)	113.7	M
6	Max No of Floors	3B+G+35	No.
7	Expected Population (17865 Residential+ 18889 Floating)	36754	No.
8	Cost of Project	663.26	CR
9	Proj Activity : Residential complex with General & EWS Housing, Commercial / shopping, School, Post office, Police post, Rly Reservation & ATM facilities		
AREAS			
10	Permissible Ground Coverage Area (50%)	49758.50	SQMT
11	Proposed Ground Coverage Area (21.45%)	21348.81	SQMT
12	Permissible FAR Area (350+5% for Green Rating)	360749.13	SQMT
13	Proposed FAR Area (359.3)	357541.35	SQMT
14	Non FAR areas - Basement, stilt, mumty Machine rm etc.	173067.81	SQMT
15	Proposed Total Built Up Area	530609.16	SQMT
WATER			
16	Total Water Requirement	1982.59	KLD
17	Fresh water requirement	1343.28	KLD
18	Treated Water Requirement	639.31	KLD
19	Waste water Generation	1669.49	KLD
20	Proposed Capacity of STP	2000	KLD
21	Treated Water Available for Reuse	1335.59	KLD
22	Treated Water Recycled	639.31	KLD
23	Surplus treated water to be discharged in Municipal Sewer	696.29	KLD
Sl. No.	Description	Quantity	Unit
PARKING			
24	Total Parking Required as / Building Bye Laws	3124 ECS + 1643 Scooters	ECS
25	Proposed Total Scooter Parking in Open & Under Stilt	1647	No.
26	Proposed Total Car Parking	3331 CARS/4036 ECS	ECS
27	Parking on Surface	20	ECS
28	Parking in Basements	3311	ECS
GREEN AREA			
29	Required Green Area (15% of plot area)	14927.55	SQMT
30	Proposed Green Area (15.004% of plot area)	14931.37	SQMT
WASTE			
31	Total Solid Waste Generation	11.26	TPD
32	Organic waste	6.78	TPD
33	Quantity of E-Waste Generation- Kg/Day	61.18	KG/DAY
34	Quantity of Hazardous waste Generation	8.10	LPD
35	Quantity of Sludge Generated from STP	342	KG/DAY
ENERGY			
36	Total Power Requirement	13190	KW
37	DG set backup	11950	KVA
38	No of DG Sets	19	No.

6. Water & waste water details:

	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN KL

RESIDENTIAL			
DOMESTIC	17865	65	1161.23
FLUSHING	17865	21	375.17
NON RESIDENTIAL (Working)			
DOMESTIC	3880	25	97.01
FLUSHING	3880	20	77.61
VISITORS			
DOMESTIC	15009	5	75.04
FLUSHING	15009	10	150.09
TOTAL POPULATION	36754		
	Area in sqm		
GARDENING	14931	1	14.93
D G COOLING	11950	0.9	21.51
WATER BODY	1		10
TOTAL WATER REQUIREMENT			1982

- Estimated Sewage Generation: 1669 KLD
- Waste water generated will be treated in on-site STP.
- Proposed treatment methodology : MBBR
- Proposed STP (Capacity): 2000 KLD
- Treatment up to tertiary level.
- STP shall have power back-up for uninterrupted operation during power failure.
- Treated waste water will be used for horticulture, flushing and DG cooling.

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

RESOLUTION AGAINST AGENDA NO-03

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

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

8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
12. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
13. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
14. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
15. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
16. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
17. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
18. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
19. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
20. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

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

4. Group Housing at Plot No.- GH-2 & 3, Scheme No.- 03, Ambedkarpuram, District- Kanpur, U.P.,M/s Geetika Builders and Developers Pvt. Ltd. File No. 5377/5711/Proposal No. SIA/UP/MIS/ 160934/2020

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

1. The environmental clearance is sought for Group Housing Project at GH 2 &3, Scheme No.- 03, Ambedkarpuram, District- Kanpur, U.P., M/s Geetika Builders and DevelopresPvt.Ltd.
2. Salient features of the project:

Plot area	12768.0 Sqm
Area under Green	4254.30 sqm
Built up Area	43840.78 sqm
Source of Water Supply	AwasVikas Supply
Total Water Demand	133.6 KLD
Total MSW Generated	709.5 Kg /Day
STP Capacity	150 KLD
Total Project Cost	98.36 Cr

3. Area Statements:

S. No.	Particulars	Details	%
1	Plot area	12768 m^2	
2	Required Green/Park Area	1276.80 m^2	10
3	Achieved Green/Park Area	2113.60 m^2	15.04
4	Height of Building	29.70 m	
5	F.A.R. @1.5	19152 m^2	150
6	Purchasable F.A.R. @50%	9576 m^2	50
7	Extra F.A.R. (5%) for Different Services	1436.40 m^2	5
8	Permissible Building F.A.R.	28728 m^2	205
9	Total Achieved F.A.R.	28619.46 m^2	
10	Permissible Ground coverage	5107.20 m^2	40

11	Achieved Ground coverage	4254.30 m^2	33.32
12	Basement Area	9202.36 m^2	
13	Community Hall	208 m^2	
14	Shopping Area	86.12	
15	No. of Floors	Basement + Stilt + Nine	
16	No. of Units/Flats	278	
17	No. of Tower	4	
18	Total Built Up Area	43840.78 m^2	
19	RWH	2	
20	STP	150 KLD	Will be Provided
21	Plantation	165 trees	Will be done
22	Project Cost Approx. (Rs.)	98.36 Crores	

4. Number of Dwelling:

S. No.	Plot Size	Total No. of Flats
1	Tower A	72
2	Tower B	72
3	Tower C	70
4	Tower D	64
	Total	278

5. FAR Details:

S. No.	Particular	Area (m^2)
1	Covered area on lift	28.08
2	Covered Area on Ground (Shop)	86.12
3	Covered Area on 1st Floor	3101.69
4	Covered Area on 2nd Floor	3277.88
5	Covered Area on 3rd Floor	3277.88
6	Covered Area on 4th Floor	3277.88
7	Covered Area on 5th Floor	3277.88
8	Covered Area on 6th Floor	3277.88
9	Covered Area on 7th Floor	3277.88
10	Covered Area on 8th Floor	3277.88
11	Covered Area on 9th Floor	2458.41
	Total Covered Area	28619.46

6. Water and waste details:

Water Consumption							
S. No.	Particulars	Population/ Area (m^2)	Rate	Daily Water Demand (liter)			Wastewater Generated (liter)
				Domestic/ Fresh Water (liter)	Flushing/Treated Water (liter)	Total	
1	Residential (Flats)	1390	86	90350	29190	119540	101470
3	Commercial (Shop)	29	45	430.6	861.2	1291.8	1205.68
4	Community Hall	69	45	1040	2080	3120	2912
5	Other Facilities/Services	20	45	300	600	900	840
6	Visitors	140	15	840	1260	2100	1932
7	Horticulture	-	5l/m^2		6676.9	6676.9	
	Total	1651 (Population)		92960.6	40668.1	133628.7	108359.68
	Say (KLD)				40.6	133.6	108.4
Total Fresh Water requirement					93 KLD		
STP Treated Water Reuse					40.6 KLD		
al Waste Water Generated					108.4 KLD		
Water stored for Fire Fighting (One time requirement)					20 KLD		
Total Water Demand					133.6 KLD + 20 KLD (one time)		

7. Solid waste generation and disposal

- Municipal Solid Waste generation: 709.5 Kg/Day.
- During operation stage total 709.5 Kg/day solid waste will be generated out of which 283.8 Kg/day will be compostable and 425.7 Kg/day non-compostable. Total quantity of E-waste generated will be 212.85 kg/year.

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

RESOLUTION AGAINST AGENDA NO-04

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

1. Organic waste convertor should be provided.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.

17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
19. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
20. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
21. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
22. No parking shall be allowed outside the project boundary.
23. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
24. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
25. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
26. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
27. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
28. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
29. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
30. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
31. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
32. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
33. All the internal drains are to be covered till the disposal point.
34. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
35. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

5. Expansion of Group Housing -6 at DA-1, Hightech City, District-Allahabad being developed by M/s Pancham Realcon Pvt. Ltd. File No. 4929/Proposal No. SIA/UP/MIS/ 111215/2019

The committee noted that the matter was earlier discussed in 422nd SEAC meeting dated 26/09/2019 and directed the project proponent to submit certified compliance report for the earlier environmental clearance. The project proponent submitted their replies vide letter dated 16/06/2020.

The project proponent informed that the building plan for Phase-1 of the project was approved by Prayagraj Development Authority on Plot area of 15,900 m^2 for Built-up area of 15,840 m2 (out of which 10,000 sq.m. has been constructed) and accordingly construction has started at site after getting other necessary approvals. Since, the built up area was less than 20,000 m^2, the Environment Clearance was not required as per EIA Notification 2006 (as amended).

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

1. The environmental clearance is sought for Expansion of Group Housing-6 at DA-1, Hightech City, District-Allahabad, U.P., M/s Pancham Realcon Pvt. Ltd.
2. Salient features of the project:

Sl. No.	Description	Quantity	Unit
GENERAL			
1	Gross Plot Area	43142.79	SQMT
2	Area Under Rd Widening	6829.34	SQMT
3	Net Plot Area	36313.45	SQMT
4	Proposed Built Up Area	39397.656	SQMT
5	Total no of Saleable DU's	216	No.
6	Max Height of Building (Upto Terrace of store)	14.95	M
7	Max No of Floors	G+3+Store	No.
8	Expected Population (1080 Residential+157 Floating)	1237	No.
9	Cost of Project	33.245	CR
AREAS			
10	Permissible Ground Coverage Area (40%)	14525.38	SQMT
11	Proposed Ground Coverage Area (22.7%)	8237.77	SQMT
12	Permissible FAR Area (250)	90783.63	SQMT
13	Proposed FAR Area (94)	34091.44	SQMT
14	Non FAR areas	5306.22	SQMT
15	Proposed Total Built Up Area	39397.66	SQMT
WATER			
16	Total Water Requirement	116.29	KLD
17	Fresh water requirement	81.96	KLD
18	Treated Water Requirement	34.33	KLD
19	Waste water Generation	82.30	KLD
20	Proposed Capacity of STP	100	KLD
21	Treated Water Available for Reuse	65.84	KLD
22	Treated Water Recycled	34.33	KLD
23	Surplus treated water to be discharged in Municipal Sewer	31.51	KLD
RAIN WATER HARVESTING			
24	Rain Water Harvesting Potential	12155.37	KL
25	No of RWH of Pits Proposed	19	No.
PARKING			
26	Total Parking Required as / Building Bye Laws	285	ECS
27	Proposed Total Parking	285	ECS
28	Parking on Surface	285	ECS
GREEN AREA			

31	Required Green Area (15% of plot area)	5447.02	SQMT
32	Proposed Green Area (19% of plot area)	6896	SQMT
WASTE			
33	Total Solid Waste Generation	0.59	TPD
34	Organic waste	0.36	TPD
35	Quantity of E-Waste Generation- Kg/Day	3.70	KG/DAY
36	Quantity of Hazardous waste Generation	1.01	LPD
37	Quantity of Sludge Generated from STP	55	KG/DAY
ENERGY			
38	Total Power Requirement	1600	KW
39	DG set backup	1500	KVA
40	No of DG Sets	2	No.

3. Water requirement details:

	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN KL
Residential			
Domestic	1080	65	70.20
Flushing	1080	21	22.68
Non-Residential (Working)			
Domestic	49	25	1.22
Flushing	49	20	0.97
Visitors			
Domestic	108	5	0.54
Flushing	108	10	1.08
Total Population	1237		
	Area in sqm		
Gardening	6896	1	6.90
	KVA		
D G Cooling	1500	0.9	2.70
Swimming Pool/Water Body	1		10
Total Water Requirement			117 KLD

- Estimated waste water Generation: 82 KLD
- Treated water usage: 66 KLD
- Proposed STP (Capacity): 100 KLD
- Proposed treatment methodology : MBBR
- Treatment up to tertiary level.
- STP shall have power back-up for uninterrupted operation during power failure.
- Treated waste water will be used for flushing, Gardening & DG cooling.

4. Solid waste details:

Waste Category	Quantity	Unit
Total Waste Generation	0.59	TPD
Organic Waste Generation	0.36	TPD
Sludge Generation	55	KG/Day
Hazardous Waste Generation (DG Waste Oil)	1.01	Ltrs/ Day

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

RESOLUTION AGAINST AGENDA NO-05

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

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
12. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
13. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
14. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
15. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
16. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
17. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
18. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
19. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
20. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.

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

6. Revision and Expansion the Group Housing Project "Flora Heritage:Tower-03" at Plot No.-GH-16B, Sector-01,Greater Noida, Gautam Buddha Nagar,. M/s Solaris Realtech Pvt. Ltd. File No. 5665/Proposal No. SIA/UP/MIS/153829/2020

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

1. The environmental clearance is sought for Revision and Expansion of the Group Housing Project "Flora Heritage:Tower-03" at Plot No.-GH-16B, Sector-01,Greater Noida, Gautam Buddha Nagar,. M/s Solaris Realtech Pvt. Ltd.
2. Environmental Clearance for the earlier proposal was issued by SEIAA, U.P. vide Letter no. 2801/Parya/SEAC/2090/2013/OSD(T) dated 31st March, 2015 for plot area 10,000.10 m^2 (2.4710 acre) & total Built-up area 52,221.452 m^2 .
3. Comparative details for the existing and expansion project:

S. No.	Description	Existing	Post Revision & Expansion
1.	Plot Area	10,000.10 m^2	10,000.10 m^2
2.	Built-up Area	49,743.17	59,750.430m^2
3.	Green Area	1810	2294.44m2
4.	Water Requirement Construction Phase Operational Phase	696KL(STP treated near by CSTP) 129 KLD(Municipal Supply)	849KL(STP treated nearby CSTP) 226 KLD(Municipal Supply)
5.	Fresh Water Requirement	81 KLD	143 KLD
6.	Wastewater Generation	100 KLD	179 KLD
7.	Capacity of STP	120 KLD	220 KLD
8.	Solid Waste Generation	2766.58 kg/day	1006 kg/day
9.	Parking Facilities Required Total Parking required Total Parking Proposed	320 ECS 400 ECS	438 EC 439 ECS
10.	Power Demand & Source	2,500 KVA, (UPPCL)	2,500 KVA, (UPPCL)
11	Back up	2 No. of D.G sets total capacity 2020 kVA (2*1010 kVA)	1 No. of D.G sets total capacity 900 kVA (1*900kVA)
12	RWH Pits	3 pits	05 pits
13	Project Cost	80 .00 crore	120.00 crore (approx)
14	Expected Date of Completion	5 Years after the grant of EC	5 Years after the grant of EC

4. Area details of the project:

S.No	Description	As Per Earlier EC (m^2)	Post expansion (m^2)
1.	Total Plot Area	10000.10	
2.	Permissible Ground Coverage	3,500.035 (@35%)	3,500.035 (@35%)
3.	Proposed Ground Coverage	1,932.317(@19.32%)	2226.906 (@22.26%)
4.	Total Permissible F.A.R.	27,500.275(@2.75)	35,000.35 (@3.50)
5.	Permissible FAR Area of Commercial (1% of Permissible FAR)		350(@1%)
6.	Total Proposed F.A.R.	27387.577 (@2.738)	34999.654(3.499)
	Residential	27,133.835	34519.46
	Commercial	40.950	350.00
	Covered Walkway, Meter Room, Toilet, Store Room	212.792	130.194
7.	Total Non F.A.R. Area	22355.602	24750.766
	Residential Area	3698.54	4671.544
	Commercial Area	Nil	0.00
	Service Area (STP, Guard ROOM, LT Panel, Milk Booth, Vegetable, Pump Room)	426.46	577.97
	Store Area	1455.38	1455.261
	Stilt Area	4330.595	4682.525
	Total Basement Area	12444.627	13363.466
8.	Built Up Area(6+7)	49743.17	59750.430
9.	Landscape Area	1,810 (50% of open area)	2294.44 (@ 28.47 of open area%)
10.	Total Proposed Units	326	410
	Achieved Main Units	315	382
	Achieved Servant Units	11	28
11	Maximum Building Height	66m	75m

5. Water requirement details:

S. No.	Description	Occupancy	Rate of water demand(lpcd)	Total Water Requirement (KLD)
A.	Domestic Water			
1)	Residential Population	2358		
	Residents	2050	86	176.3

	Maintenance Staff	103	30	3.09
	Visitor/Floating	205	15	3.07
2)	Servants Population	161		
	Servants	140	86	12.04
	Maintenance Staff	7	30	0.21
	Visitor/Floating	14	15	0.21
3)	Commercial area	117		
	Staff	23	30	0.69
	Visitor/Floating	94	15	1.41
	Total Domestic Water Demand			197.02say 197KLD
B.	Horticulture	2294.44	6 lt./m^2/day	13.76
C.	Filter Backwash			10
D.	Make up water for swimming pool			5
Total Water Requirement (A + B + C + D)				225.76 say226 KLD

6. Solid waste generation details:

S. No.	Category	Norms (kg/c/day)	Total Waste (kg/day)
1.	Domestic Waste:		
	Residents (2050)	@ 0.5	1025
	Total Staff (133)	@ 0.25	33.25
	Total Visitors (313)	@ 0.15	46.95
2.	Landscape waste (0.54acre)	@ 0.2 kg/acre/day	0.108
	TOTAL SOLID WASTE GENERATED		1005.3 say 1006 kg/day

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

RESOLUTION AGAINST AGENDA NO-06

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

1. Certified compliance report for the earlier environmental clearance should be submitted within 03 months. In case of failure, the environmental clearance shall automatically deemed to be cancelled.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.

9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
19. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
20. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
21. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
22. No parking shall be allowed outside the project boundary.
23. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
24. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
25. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
26. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
27. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

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

7. Group Housing "SKA Divya Towers" at Plot No.-Gh-01A/1, Sector-16, Greater Noida West, District -Gautam Buddha Nagar U.P., M/s JRS Conbuild Pvt. Ltd. File No. 5682/Proposal No. SIA/UP/MIS/155805/2020

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

1. The environmental clearance is sought for Group Housing "SKA Divya Towers" at Plot No.-Gh-01A/1, Sector-16, Greater Noida West, District - Gautam Buddha Nagar U.P., M/s JRS Conbuild Pvt Ltd.
2. Salient features of the project:

Name and Location of the Project	Group Housing project “SKA DIVYA TOWER” at Plot no.-GH -01A/1, Sector-16, Greater Noida (W), Distt. - Gautam Buddha Nagar (U.P).
Developers of the project	M/s JRS Conbuild Private Limited
Total Plot Area	13500 sq. m. (1.35 Hectares approx)
Built-up Area	79368.68 sq. m
Fresh Water Requirement	157.59 KLD
Power Requirement	1600 KVA
Power Backup	2 nos. of DG sets of total capacity 1000 KVA (500 KVA X 02)
Total Parking Proposed	Parking Proposed – 660 ECS
Solid Waste to be Generated	Approx 1209 kg/Day Horticulture Waste : 20.0 kg /Day
Total Project Cost	120 Crores
Solar Lights	Basement lighting will be done through solar lighting system.

3. Area Statements:

S. No.	Particulars	Area (in sq.m)
1.	Total Plot Area	13500.0
2.	Permissible Ground Coverage (35 % of the plot area)	4725.0
3.	Proposed Ground Coverage (27.3 % of the plot area)	3689.23
4.	Open Area	9810.77
5.	Proposed Basement Area	22562.85

	• Upper Basement • Lower basement • Stilt	10942.17 10960.68 660.00
6a.	Permissible Basic FAR (@ 3.675 (including Green Building + puchase + basic)	49612.50
6b.	Permissible FAR (Green Building @ 5 % of the FAR, 0.2)	2362.50
7.	Proposed FAR (@ 3.675)	49611.78
8.	Proposed Non FAR	22699.98
9.	Proposed 15% prescribed FAR	7056.93
10.	Proposed Total Built Up Area	79368.68
11.	Required Green Area (@ 50 % of Open Area)	4905.38
12.	Proposed Green Area (59.14 % of Open Area)	5802.46
12.	Maximum height of the building (in mtrs)	101.85
13.	Permissible Dwelling unit	530
14.	Proposed Dwelling unit	536

4. Area details floor wise :

TOTAL RESIDENTIAL + COMMERCIAL			
Floor	AR	% FAR	U.s
UPPER BASEMENT	00		
GROUND /STILT FLOOR	842.07	249.36	8
1st FLOOR	1477.57	142.69	16
2nd FLOOR	1477.57	142.69	16
3rd FLOOR	1477.57	142.69	16
4th FLOOR	1477.57	142.69	16
5th FLOOR	1477.57	142.69	16
6th FLOOR	1477.57	142.69	16
7th FLOOR	1477.57	142.69	16
8th FLOOR	1477.57	142.69	16
9th FLOOR	1477.57	142.69	16
10th FLOOR	1477.57	142.69	16
11th FLOOR	1477.57	142.69	16
12th FLOOR	1477.57	142.69	16
14th FLOOR	1477.57	142.69	16
15th FLOOR	1477.57	142.69	16
16th FLOOR	1477.57	142.69	16
17th FLOOR	1477.57	142.69	16
18th FLOOR	1477.57	142.69	16
19th FLOOR	1477.57	142.69	16
20th FLOOR	1477.57	142.69	16
21st FLOOR	1477.57	142.69	16
22nd FLOOR	1477.57	142.69	16
23rd FLOOR	1477.57	142.69	16
24th FLOOR	1477.57	142.69	16
25th FLOOR	1477.57	142.69	16
26th FLOOR	1477.57	142.69	16
27th FLOOR	1477.57	142.69	16
28th FLOOR	1477.57	142.69	16
29th FLOOR	1477.57	142.69	16
30th FLOOR	1477.57	142.69	16
31st FLOOR	1477.57	142.69	16
32nd FLOOR	1477.57	142.69	16
33rd FLOOR	1477.57	142.69	16
34th FLOOR	1477.57	142.69	16
COMMUNITY		1021.01	
MUMTY, MACHINE ROOM, WATER TANK		202.82	

	RELIGIOUSE BUILDING		75.00	
	GUARD ROOM		11.98	
	METER ROOM	10.00	0.00	
	STP		232.02	
	PUMP ROOM		81.95	
	OWC		104.00	
	PANEL ROOM		60.00	
	UGT		162.12	
	Grand Total	49611.78	7056.93	536

5. Water and waste details:

Total Domestic Water Requirement	214.47 KLD
• Fresh water (@ 30% of domestic water)	157.59 KLD
• Flushing water (@ 100% of domestic water)	51.45 KLD
• Horticulture / Landscape	5.43 KLD
Waste Water Generated (@ 80% fresh water + 100% flushing water)	177.52 KLD
Sewage Treatment Plant (STP) Capacity	200 KLD (20 % of extra capacity as per MOEF & CC Norms)

6. Solid waste generation and disposal

Solid Waste Generation Calculation					
S.No.	Particulars	Waste generation Norms per unit (kg/capita/day)	Population (sqm)	Area (sqm)	Waste Generated Kg/Day
1	Residential	0.5	2376		1188
3	*Community Centre	0.1	165	1021.01	16.5
5	*Commercial	0.1	48	472.48	4.8
Total Municipal Waste					1209
* Solid Waste Generation has been calculated as per as per NBC 2016					
Horticulture Waste Generation Calculation					
S.No.	Particulars	Waste generation Norms per unit (Kg/sq m/day)		Area (sqm)	Waste Generated Kg/Day
1	Horticulture Waste	0.0037		5802.48	20
* Horticulture Waste Generation has been calculated as per as per NBC 2016					
Electronic Waste Generation Calculation					
S.No.	Particulars	Waste generation Norms per unit (Kg/capita/year)	Population		Waste Generated Kg/Day
1	E- Waste	0.15	2589		1.06
* E- Waste Generation has been calculated as per E waste management rules 2016					

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

RESOLUTION AGAINST AGENDA NO-07

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

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.

3. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
12. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
13. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
14. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
15. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
16. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
17. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
18. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
19. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
20. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the

project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

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

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

RESOLUTION AGAINST AGENDA NO-08

The project proponent 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.

9. Proposed of 300 Bedded Hospital in the satellite Campus of KGMU, Lucknow at Khasra No.-00001, 00002, Balrampur, District-Balrampur, U.P., Director, KGMU, Lucknow, U.P. File No. 5703/Proposal No. SIA/UP/MIS/157711/2020

RESOLUTION AGAINST AGENDA NO-09

The project proponent requested to defer the matter. The committee discussed the matter and directed to defer the matter from the agenda as per request made by 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 portal.

10. Proposed Development of Government Medical College at Gata No- 275, 284, 296, 297, 298, 299, 300, 302, Village- Chitaura, District-Fatehpur, U.P., Principal, Medical College, Fatehpur, U.P. File No. 5706/Proposal No. SIA/UP/MIS/158199/2020

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

1. The environmental clearance is sought for Proposed Development of Government Medical College at Gata No- 275, 284, 296, 297, 298, 299, 300, 302, Village- Chitaura, District-Fatehpur, U.P.
2. Salient features of the project:

S.no.	Description	Details
1	Plot area	78751.82 sqm
2	Ground Coverage	13330.34 sqm
3	Road Area	13626.70 sqm
4	Parking Area (open + stilt)	11203.49 sqm (446 ECS)
5	Total green area	13470.40 sqm
6	Total Expected Population	2890
7	Electric Load	3500 KVA
8	Source of water supply	2 deep bore wells; UGR of 450 KL for storage
9	Total Consumption of Water	291 KLD
10	Total MSW generated	1372.5 Kg/day
11	Total Built up area	66302.42 sqm
12	Proposed rainwater harvesting pits	18 no
13	Proposed STP capacity	500 KLD
14	Proposed ETP capacity	25 KLD
15	D.G. Set Capacity	2 DG sets of 160 KVA each, 2 DG sets of 320 KVA each
16	Total Project Cost	212.49 crores

3. Land use details:

S.no.	Description	Area (sqm)	Percentage (%)
1	Plot area	78751.82	100
2	Ground coverage	13330.34	16.92
3	Hardscaping area	1650.40	2.09
4	Softscaping	11820.00	15.00
5	Road area	13626.70	17.30
6	Open area	27182.77	34.51
7	Paved area	4873.07	6.18
8	Parking area	6268.54	8.00

4. Population details:

S.no.	Description	Population
1	Residential	940
2	Bedded patients	300
3	Inpatient attendants	300
4	OPD	500
5	Outpatient attendants	500
6	Service staff + non teaching staff	150
7	Visitors	200
Total		2890

5. Water calculation details:

S.no.	Description	Population	LPCD	Water requirement	Waste water to STP	Waste water to ETP
1	Residential	940	86	81	65	-
2	Bedded patients	300	450	135	101.25	6.75
3	Inpatient	300	45	13.5	10.8	-

	attendants					
4	OPD	500	15	7.5	6	-
5	OPD attendants	500	15	7.5	6	-
6	Service and daily staff	150	45	6.5	5	-
7	Visitors	200	45	9.0	7.0	
8	Pathology and laboratory			15	-	12
10	Gardening	13470.40 sqm	1L/sqm	13.0	-	-
11	DG sets	960 KVA	0.90/KVA/4hr	3	-	-
Total				291	201.05 ~ 201	18.75

6. Solid waste generation details:

S.N.	Description	Population	Per capita MSW generation as per GRIHA (Kg/day)	Total MSW generation (Kg/day)	Biodegradable /Compostable (47.4%) (Kitchen and garden waste)	Recyclable (18.8%) (metals, glass, paper, plastics)	Non-compostable (33.8%) (inert wastes)
1	Residential	940	0.5	470	223	88	159
2	Beds	300	1.7	510	239	92	179
3	Inpatient attendants	300	0.25	75	35	13	27
4	OPD	500	0.25	125	59	24	42
5	Outpatient attendants	500	0.25	125	59	24	42
6	Service staff + non teaching staff	150	0.25	37.5	18	7	12.5
7	Visitors	200	0.15	30	14	6	10
Total				1372.5	647	254	471.5

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

Resolution against agenda no-10

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

1. Disposal of covid-19 waste as per the guidelines issued by Govt. of India.
2. Adequate parking for visitor should be provided at the entrance gate of buildings.
3. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. 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.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.

7. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
8. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
9. 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.
10. 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.
11. 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.
12. 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.
13. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
14. 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.
15. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
16. No parking shall be allowed outside the project boundary.
17. Parking space for ambulances shall be exclusively earmarked.
18. Police post shall be provided near emergency.
19. Dedicated power supply to be installed in Operation Theaters and other critical areas, if applicable.
20. Accommodation for attendants to be provided near indoor nursing wards.
21. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
22. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
23. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
24. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
25. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
26. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
27. 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.
28. 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.
29. 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.

30. 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.
31. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
32. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
33. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
34. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
35. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation. Landscape plan to be revised accordingly.
36. RWH to be done only from root top. Arrangement shall be made that waste water and storm water do not get mixed.
37. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
38. All the internal drains are to be covered till the disposal point.

11. Commercial Project "New Logistics (Warehouse) at Village- Bhaukapur, Tehsil-Sarojini Nagar, District-Lucknow., M/s Nanak Logistics Pvt. Ltd. File No. 5709/Proposal No. SIA/UP/MIS/ 146275/2020

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

1. The environmental clearance is sought for Commercial Project "New Logistics (Warehouse) at Village-Bhaukapur, Tehsil-Sarojini Nagar, District-Lucknow. ,M/s Nanak Logistics Pvt. Ltd.
2. Salient features of the project:

SL NO.	Particulars	Description
1	Project Name	M/s Nanak Logistics Private Limited (Warehouse Project)
2	Project Address	Village: Bhaukapur, Tehsil: Sarojini Nagar, Mohan Road, District: Lucknow-226401
3	Cost of Project	Rs 8535 Lakhs (Rs 85.35 Crores)
4	Total Plot Area (SQM)	71313.53 Sq.m. (Plot Area for Warehouse)
		7153.17Sq.m. (Area for Proposed 24 mt wide Road)
5	Ground Coverage Area in SQM(Permissible)@60%	42788.118 Sq.m. (@60 %)
6	Ground Coverage Area in SQM(Achieved)	39825.258 Sq.m. (@55.8 %)
7	FAR inSQM(Permissible)	92707.589
8	FAR inSQM(Achieved)	59054.219 Sq.m.
9	Built-upArea(SQM)	59054.219 Sq.m.
10	Green Area of Net Area(SQM)	10697.02 Sq.m
11	Total Number of Sheds	01 no. [one]

12	Total number of Guard Room	04 nos.
13	Total Number of Driver's Rest Room	02 nos.
14	Population(nos.)	Staff:250 Security Guards:25 Visitors;4500 Total Population:4775
15	Maximum Height of Building (Meter)	18Meter
16	Rain Water Harvesting Pits (Nos.)	28 nos.
17	Parking Provisions	10705.91 Sq.m. for following vehicles: Trucks : 80 nos. Buses : 25 nos. Car: 200 nos. Two Wheelers: 150 nos.
18	Water requirement, source & Sewage Disposal	Total Water Requirement :108.5 KLD Fresh Water : 68 KLD (Source: Ground Water) Waste Water generated: 64 KLD Treated water available for recycle: 40.5 KLD Waste Water Discharge:24 KLD (after treatment via STP) Note: Unit area lies is safe area as per CGWA categorization.

3. Area details of the project:

Utilities	BUILT-UP AREA
Ground Floor A	37158.312
Canopy	1512.848
First Staircase (S1, S3, S4,S5)	120..997
Fire Staircase (S2)	69.726
Fire Staircase (S6 to S12)	211.744
Sire Staircase (S13, to S17)	151.246
Guard Room	20.480
Ramp R1	4.732
Ramp R2	16.691
Pump Room	210.000
L.T Panel Room	151.804
Driver Room-01	49.712
Driver Room-02	49.715
Meter Room	17.013
HTVCB Room	50.599
Mezzaninie Floor (A)	15279.422
Mezzaninie Floor (B)	1878.820
A.H.U Mezzaninie Floor (C)	151.200
A.H.U Mezzaninie Floor (D)	151.200
A.H.U Mezzaninie Floor (E)	535.039
A.H.U Mezzaninie Floor (F)	53.562
Fire Staircase (S1)	60.498
Fire Staircase (S3)	60.498
Fire Staircase (S4)	60.498
Fire Staircase (S5)	60.498
Fire Staircase (S6)	90.748
Fire Staircase (S7)	90.748
Fire Staircase (S8)	90.748
Fire Staircase (S9)	90.748
Fire Staircase (S10)	90.748
Fire Staircase (S11)	90.748
Fire Staircase (S12)	90.748
Fire Staircase (S13)	60.498
Fire Staircase (S14)	60.498

Fire Staircase (S15)	60.498
Fire Staircase (S16)	60.498
Fire Staircase (S17)	60.498
TOTAL	59054.291

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

RESOLUTION AGAINST AGENDA NO-11

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

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
12. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
13. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
14. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
15. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
16. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

17. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
18. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
19. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
20. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
28. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
29. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
30. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
31. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
32. All the internal drains are to be covered till the disposal point.
33. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
34. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

12. Expansion of DFCCIL Integrated Office Cum Residential Complex project at Sector-145, Noida, District-Gautam Buddh Nagar,U.P., M/s Dedicated Freight Corridor Corporation of India Ltd. File No. 5663/Proposal No. SIA/UP/NCP/ 48907/2019

A presentation was made by the project proponent along with their consultant M/s OCEAO-ENVIRO Management Solutions (India) Private Limited. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Expansion of DFCCIL Integrated Office Cum Residential Complex project at Sector-145, Noida, District-Gautam Buddh Nagar,U.P., M/s Dedicated Freight Corridor Corporation of India Ltd.
2. Salient features of the project:

S. No	Description	As Per Existing EC Letter	As Per Expansion	Total
1.	Type of Project	Expansion of DFCCIL Integrated Office Cum Residential Complex		
2.	Project Proponent	Dedicated Freight Corridor Corporation of India Ltd. (DFCCIL), Ministry of Railway (A Government of India Enterprises)		
3.	Location	Sector 145, Noida, Uttar Pradesh.		
4.	Total Plot Area	1,68,491.00 m^2		
5.	Total Plot Area for Institutional Purpose	1,41,491.00 m^2		
6.	Total Plot Area for Residential Purpose (Expansion)	27,000.00 m^2		
7.	Total Built-Up Area	1,39,350.00 m^2	52,255.00 m^2	1,91,605.00 m^2
9.	Estimated Population	14461 persons.	1,103 persons	15,564 persons
10.	Total Water Requirement	826 KLD	158 KLD	983 KLD
11.	Domestic Water Requirement	361 KLD ; Source: municipal supply / bore wells, etc.	109 KLD ; Source: municipal supply / bore wells, etc.	470 KLD ; Source: municipal supply / bore wells, etc.
12.	Solid Waste Generated	3061 kg/day	513 kg/day	3575 kg/day
13.	Electrical load	Approx. 9095.41 KW (Existing and Expansion).		
14.	DG set	6 no. of DG sets of total capacity 6,500KVA .Total 2 * 1250 kVA + 2 * 500 kVA + 2 * 1500 kVA D.G. Sets	2. no. of DG sets of total capacity 1,115 kVA. Total 1 * 365 kVA + 1 * 750 kVA DG Sets	8. no. of DG sets of total capacity 7,615 kVA. Total 2 * 1250 kVA + 2 * 500 kVA + 2 * 1500 kVA +1 * 365 kVA + 1 * 750 kVA DG Sets
15.	No. of RWH pits	29 number (Existing & Expansion) For Storm Water from Green area and Paved area kuccha pond is proposed for Rain Water Harvesting.		
16.	Parking	2319 ECS		
17.	STP Capacity	400 KLD	120 KLD	520 KLD
18.	Green Area	75,000.00 m^2		

3. Area details of the project:

S. No	Particulars	(Existing Area) m^2	(Expansion Area) m^2	Total Area m^2
1.	Total plot area	-----	-----	1,68,491.00(41.63 acre)
2.	Total plot area for Institutional and residential Purpose	------	-----	1,41,491.00
3.	Total plot area for residential purpose	-----	-------	27,000.00
4.	Permissible Ground Coverage (@30% of Total Plot area)	------	------	50,547.30
5.	Total Proposed Ground Coverage (@ 19.55 of Total Plot area)	------	------	32,950.00

6.	Total Proposed Ground Coverage for Institutional purpose (@16%of Total plot area)	------	------	26,950.00
7.	Total Proposed Ground Coverage for Residential Purpose (@ % 3.56 of Total Plot area)	------	------	6,000.00
8.	Permissible FAR @2.0	------	------	3,36,982.00
9.	Permissible FAR for Institutional Purpose@90%	3,03,283.80	------	3,03,283.80
10.	Permissible FAR for Residential Purpose @10%	------	33,698.20	33,698.20
11.	Proposed FAR for Institutional Purpose (34.341% of permissible FAR for Institutional)	1,04,150.00	655	1,04,150.00
12.	Proposed FAR for Residential Purpose(97.146 % of permissible FAR for Residential)	------	33,600.00	33,600.00
13.	Proposed FAR	1,04,150.00	33,600.00	1,37,750.00
A	Corporate office – 1 (G+8)	19,000.00	------	19,000.00
B	Auditorium (B+GR+1)	3,000.00	------	3,000.00
C	Corporate office – 2 (B+G+9)	30,000.00	------	30,000.00
D	Corporate office – 3 (2B+G+10)	30,000.00	------	30,000.00
E	Site office (G+1)	1,050.00	------	1,050.00
F	Community Center (G+1)	5,000.00	------	5,000.00
G	Subordinate Rest House (G+3)	2,000.00	------	2,000.00
H	Officer Rest House (G+2)	2,600.00	------	2,600.00
I	HHRI Admin Block (G+3)	3,000.00	------	3,000.00
J	HHRI Hostel Block (G+5)	3,500.00	655	4,155.00
K	HHRI General lab and workshop (G)	2,000.00	------	2,000.00
L	HHRI Mobile lab (G)	3,000.00	------	3,000.00
M	Commercial Complex (Facilities)	------	500	500.00
N	TYPE II Tower (B+G+11)	------	3500	3,500.00
O	TYPE III Tower(B+G+11)	------	3800	3,800.00
P	TYPE IV Tower(B+G+11)	------	6750	6,750.00
Q	TYPE V Tower (B+G+11)	------	8100	8,100.00
R	TYPE VI Tower (B+G+11)	------	8000	8,000.00
S	MD'S Bungalow (G+1)	------	800	800.00
T	Director's Bungalow (5 Nos.) (G+1)	------	2150	2,150.00
14.	Service Area (NON-FAR)	10,200.00	4000	14,200.00
15.	Total Basement Area	25,000.00	14,000.00	39,000.00
16.	Total Built Up Area (BUA)	139,350.00	52,255.00	1,91,605.00
17.	Open Area (Total Plot Area– Ground Coverage)	------	------	135,541.00
18.	Required Minimum Landscape Area (50% of Open Area)	------	------	67,770.50
19.	Proposed Landscape Area (55.33% of Open Area)	------	------	75,000.00
20.	Highest building height	------	------	46.95 m

4. Water requirement details:

S. No	Values in accorded EC (Existing)					Values in Expansion				Total Water Requirement (KLD)
	Description	Area (in m^2)	Total Occupancy	Rate of water demand (lpcd)	Total Water Requirement (KLD)	Area (in m^2)	Total Occupancy	Rate of water demand (lpcd)	Total Water Requirement (KLD)	
1.	Corporate office - 1, 2, 3 + Site office + Auditorium + Community Center + Officer Rest House Club + Subordinate Rest House Club + Admin Block + General Lab & Work Shop + Mobile Lab						-------	-------	-------	
2.	For Staff		8010	30	240.3		55.6	30	1.668	243.786
3.	For visitor		6201	15	93.15		95.2	15	1.428	93.9615
4.	Hostel block		162	111	17.98		-------	-------	-------	17.98
5.	Subordinate		40	111	4.44		-------	-------	-------	4.44

	Rest House									
6.	Officer Rest House		48	111	5.33		-------	-------	-------	5.33
7.	Residential Building		-------	-------	-------		952	111	105.672	105.672
Fresh water Requirement					361.2	Fresh water Requirement			108.768	470 KLD
8.	Horticulture Area	59025.58m^2		Approx. 3 lit/sqm.	177.08 say 177	1597 4.42 m^2		Approx. 3 lit/sqm.	47.92 say 48	225
9.	HVAC	2400 ton		10 lit X 12 hours X Capacity	288 KLD					288
Total Water Requirement					826.2	Total Water Requirement			157.969	983 KLD

5. Solid waste generation details:

S. No.	Category	Values in Accorded EC (Existing)		Values for Expansion		Total Waste generated (kg/day)
		Kg per capita per day	Waste generated (kg/day)	Kg per capita per day	Waste generated (kg/day)	
1.	Hostel Block and Residential	250 @ 0.5 kg /day	125	952 @ 0.5 kg /day	476	601
2.	Staff	8010 @ 0.25 kg / day	2002.5	116.2 @ 0.25 kg / day	29.05	2031.55
3.	Visitor	6201 @ 0.15 kg /day	930.15	54.1 @ 0.15 kg / day	8.115	938.265
4.	Landscape waste	18.53 @ 0.2 kg/acres			3.706	3.706
Total Waste generated (kg/day)			3060.57 Say 3061 kg/day	Total Waste generated (kg/day)	513.165 Say 513 kg/day	3575 kg/day

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

RESOLUTION AGAINST AGENDA NO-12

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

1. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
2. Allotment letter from concerned development authority.
3. All approved drawings/maps alongwith approved services plans.
4. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
5. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
6. Complete Gata/Khasra no. of the project alongwith soft and hard copy should be submitted in table format with proper calculation.
7. Physical features within 30 m of the project sites with their ownership.
8. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.

9. Use of reflecting paints on roof top and side walls.
10. Details of rain water harvesting are to be given.
11. Provision of 100% solar lighting along the road site, stair cases, common places.
12. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
13. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and utilization of rainwater.
14. Water requirement and its management plan along with necessary permissions for discharge.
15. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
16. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
17. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
18. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
19. Landscape plan, green belts and open spaces may be described separately.
20. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
21. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
22. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
23. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
24. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
25. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
26. Identification of recyclable wastes and waste utilization arrangements may be made.
27. Explore possibility of generating biogas from biodegradable wastes.
28. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
29. Provisions made for safety in storage of materials, products and wastes may be described.
30. Disaster management plan should be prepared.
31. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
32. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
33. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
34. Provide service road for entry and exit to project site.
35. Use of local building materials should be described.
36. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power

requirement. Plan should be revised and submitted.

37. Work out MGLC for the combined capacity of DG sets.
38. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
39. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
40. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
41. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
42. Required no of trees should be proposed @ 01 tree/80 m^2, submit plan.
43. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.
44. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
45. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

General Guidelines:

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

and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.

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

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

13. पर्यावरण, वन एवं जलवायु परिवर्तन अनुभाग-6, उ0प्र0 शासन के पत्र संख्या-रिट-27/81-6-2020, दिनांक 13.03.2020 के अनुक्रम में प्रकरण कॉमन बायो-मेडिकल वेस्ट फैकल्टी आपरेटर्स एसोसिएशन व 02 अन्य बनाम यूनियन ऑफ इण्डिया व 04 अन्य के सम्बन्ध में तथा पर्यावरण, वन एवं जलवायु परिवर्तन अनुभाग-7, उ0प्र0 शासन के पत्र संख्या-रिट-597/81-7-2020-103(पर्या)/2007 टी0सी0, दिनांक 03.07.2020 के अनुक्रम में प्रकरण कॉमन बायो-मेडिकल वेस्ट फैकल्टी आपरेटर्स एसोसिएशन व 02 अन्य बनाम यूनियन ऑफ इण्डिया व 05 अन्य के सम्बन्ध में समिति द्वारा विचार-विमर्श।

SEAC went through the letter nos. writ-27/81-6-2020 dated 13-3-2020and 597/81-7-2020-103(Parya)/2007 TC dated: 03-7-2020 through which copies of Memo of Appeal {Under Section 28 of Water (Prevention and Control of Pollution) Act, 1974} has been made available as below:

1. Common Biomedical Waste Management Facility Operators Association V/s Union of India &4 Ors.

For District Banda

In the light of Environmental Clearance (EC) issued for Common Bio-Medical Treatment Facility (CBWTF) at Gata No.- 474, Mauja-Mohanpurwa, Jignoda Road, District- Banda, U.P. Vide letter No. 587/parya/SEAC/4647-5318/2019 dated: 08-02-2020

2. Common Biomedical Waste Management Facility Operators Association V/s Union of India & 5 Ors.

For District Mainpuri

In the light of Terms of reference (TOR) issued for Common Biomedical Waste Treatment Plant at Khasra No.- 906/13, Village Gadery, District- Mainpuri, U.P., M/s Green House Waste Management. Vide letter No. 320/parya/SEAC/4588/2018 dated: 02-11-2020

3. Common Biomedical Waste Management Facility Operators Association V/s Union of India & 5 Ors.

For District Mathura

In the light of Terms of reference (TOR) issued for Common Biomedical Waste Treatment Facility at Khasra no. 56, Village-Ajijpur, Tehsil-Kosikalan, District-Mathura, U.P., M/s RGL Pure Solutions Pvt. Ltd. Vide letter No. 47/parya/SEAC/4577/2018 dated: 20-5-2020

The aforesaid various Unnumbered Original Application: Common Biomedical Waste Management Facility Operators Association V/s Union of India &Ors.has been filed by the appleant before, the Appellate Authority, Special Secretary sitting at Lucknow under Section 28 of "The Water (Prevention and Control of Pollution) Act, 1974) and the prescribed Authority, Lucknow, UP under rule 16 of "Bio Medical Waste Management (Amendment rules, 2018).

RESOLUTION AGAINST AGENDA NO-13

A. After in depth discussion SEAC opined that in the various unnumbered appeals: Common Biomedical Waste Management Facility Operators Association V/s Union of India & Ors.It could be submitted that:-

I. Ministry of Environment and Forest, Govt. of India through its notification dated 14/09/2006 (as amended) has made it mandatory to obtain prior environmental clearance prior to establishment or expansion of any such project or activity which is listed in the schedule of notification.

II. The State Environment Impact Assessment Authority (SEIAA) and State Level Expert Appraisal Committee(SEAC) Uttar Pradesh has been constituted by Ministry of Environment and Forests, Govt. of India through notification no. S.O. 3338(E) dated 16/10/2017

III. Directorate of Environment, Govt. of U.P. has been declared to function as Secretariat to these statutory bodies i.e. SEIAA and SEAC by State Government.

IV. SEIAA issues Environment Clearance as per EIA, notification dated 14-9-2006 (as amended) issued by Ministry of Environment and Forest, Govt. of India.

V. At the outset, it is submitted that any state govt. is not an appellate authority for SEIAA/SEAC.

VI. That National Green Tribunal Act 2010 itself provides mechanism under section 14, 15 & 16 (Chapter III of the Act) for Jurisdiction, powers and proceedings of the Tribunal.

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Dr. Sarita Sinha)
Member

(Dr. Ajoy Mandal)
Member

(Shri Rajiv kumar)
Member

(Prof. S.K. Upadhyay,)
Member

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

Annexure-1

Terms of Reference for the Mining Project

1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State

Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.

13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.

14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.

15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.

16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.

17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.

18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.

19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.

20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL. HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).

21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.

23) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.

25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.

26) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.

27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.

28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

29) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.

30) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.

31) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.

32) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load.

Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.

33) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.

34) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.

35) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.

36) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.

37) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.

38) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.

39) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.

40) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.

41) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

42) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.

43) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.

44) Besides the above, the below mentioned general points are also to be followed:-

a) Executive Summary of the EIA/EMP Report

b) All documents to be properly referenced with index and continuous page numbering.

c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.

d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.

e) Where the documents provided are in a language other than English, an English translation should be provided.

f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.

g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August,

2009, which are available on the website of this Ministry, should be followed.

h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.

i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.

j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.