SHALIMAR SKY GARDEN

SHALIMAR

Ref No. SRED/EIA/2024/26
Date: 17/12/2024

To,

Regional Office,
Ministry of Environment, Forest & Climate Change,
Kendriya Bhawan, 11th Floor, Sector-H,
Aliganj, Lucknow-226024,
Telefax: 0522-2324043

Subject: **Post Environmental Clearance Compliance of Proposed Project "Shalimar Sky Garden" at Plot No. TC -47 & 48, Vibhuti Khand, Gomti Nagar, Lucknow, (Post-Monsoon Season, 2024), Schedule 8 (a); Cat B2**

Ref: ***EC Identification No. EC24B038UP173623, File No 8297, Dated 09.02.2024.***

Dear Sir,

This is to inform you that our project has been accorded Environmental Clearance from SEIAA, UP, vide EC Identification No. EC24B038UP173623, File No 8297, Dated 09.02.2024.

We are herewith submitting point wise compliance as per conditions mentioned in the Environmental Clearance **(Post-Monsoon Season, 2024)** with latest Environmental Monitoring reports, in prescribed format along with the necessary Annexure for your kind consideration.

We hereby request your good office to kindly release compliance certificate at the earliest.

Thanking you,
Yours Sincerely,
For, **Supreme Real Estate Developers Ltd.**

Authorized Signatory

Copy to:

1. ***CEO (Circle-5), UPPCB, T.C-12V, Vibhuti Khand, Gomti Nagar, Lucknow (U.P.)***
2. ***Member Secretary, SEIAA, Directorate Of Environment, Vineet Khand 1, Gomti Nagar, Lucknow, Uttar Pradesh***

COMPLIANCE REPORT

Proposed Commercial /Residential project “Shalimar Sky Garden” at Plot No. TC-47 & 48, Vibhuti Khand, Gomti Nagar, Lucknow, U.P.

PROJECT PROPONENT

M/s Supreme Real Estate Developers Pvt. Ltd
Lucknow, U.P.

Environmental Consultant

Sawen Consultancy Services Pvt. Ltd.
(QCI Accreditated)
417A& B, Sahara Shopping Centre, Faizabad Road
Lucknow-260026, Telefax: 0522-2341312; Mobile: 7379444471-73
Email: consultancy_sawens@yahoo.co.in
Website: www.sawenconsultancyservices.com
NABET Accreditation Number: NABET/EIA/2225/RA 0210: Valid Upto: 29.03.2025
Lab: SAWEN Projects & Laboratories Pvt. Ltd (NABL Accreditation Number-TC-5505)

	COMPLIANCE CONDITION	COMPLIANCE STATUS
	Additional Conditions	
1	The project proponent shall submit within the next 3 months the details of solar power plant and solar electrification details within the project.	Total electric load -1750KW 20% of electric load i.e. 350 KW Solar Heating, Day Lighting, Design Natural Ventilation, Thermal Transfer value of Building Material, Energy Efficient Building Services and Equipment, Public Area Lighting, Exterior Lighting, use of sensors Passive solar cooling, utilizing building shading through overhangs.
2	The project proponent shall ensure to plant broad leaf trees and their maintenance. The CPCB guidelines in this regard shall be followed.	Green Area- 1759.2m^2 Landscaping is proposed as per CPCB guidelines. List of trees and details attached as Annexure-1.
3	The project proponent shall submit within the next 3 months the details on quantification of year wise CER activities along with cost and other details. The CER activities should be related to mitigation of Environmental Pollution and awareness for the same like water harvesting pits and carbon sequestration parks / designed ecosystems .At least one school in the vicinity of project area should be provided with rooftop solar plant, toilets in public place or in school of nearby villages and if there is a girl's school then girls toilet properly equipped with overhead water tank should be constructed.	Total cost of the project is 235.93 Crores. 3.53Crores will be spent as CER activity. Beneficiary- Vibhuti Khand, Gomti Nagar, Lucknow, U.P. Action Plan- • Avenue Plantation, recreational parks in community areas of Vibhuti Khand. • Medical Camps to provide free health check-ups, vaccine & medicine. The same amount (Rs.70,60,000) will be utilized for each 5 consecutive years., Each year there might be slight variation in the budget amount owing to the market value of the items used. However, the management reserves the right to alter the budget owing to the local demand and according to the requirement as per the need and time. Owing to the cost of the demanded items, it is within the rights of the management of the company to decide – whether the allocation of the CER Funds is utilized 5 years or looking the severity of the demand could be utilized in one year or in any way deemed fit the management.
4	The project proponent shall submit within the next 3 months the details of estimated construction waste generated during the construction 5period and its management plan.	Construction waste generating from the site will be managed through C&D waste management rules, 2016. Total construction waste generated @ 40 kg/sq.m of Built-up (65709.34 sqm) is 2.63 MT.
5	The project proponent shall submit within	MSW generated within the premises during

	the next 3 months the details of segregation plan of MSW.	operation phase will be managed by Solid Waste Management Rules 2016. The approximate daily quantity of this MSW will be around 1,117 kg/Day. The solid waste shall be segregated into Bio-degradable (50%), Recyclable (18%) and Non-Biodegradable (32%). These bins will be emptied into the main bin of the floor for which 1 no. of transit center is available. Service provider will collect the garbage and waste shall be discharged to main bin which will be further collected by a UPPCB approved vendor. The management shall engage a UPPCB approved MSW vendor & they will dispose the waste at the proposed site identified by the concerned management. For organic waste, OWC is proposed, organic manure derived will be used as green manure in landscaping.
6	The project proponent shall ensure that waste water is properly treated in STP and maximum amount should be reused for gardening flushing system and washing etc. For reuse of water for irrigation sprinkler and drip irrigation system shall be installed and maintained for proper function. Part of the treated sewage, if discharged to sewer line, shall meet the prescribed standards for the discharge.	STP of 170KLD based on MBR technology is proposed for treating 130KLD of waste water 118KLD of treated water after tertiary treatment shall be used for common green area irrigation (12KLD) and further 106KLD or remaining water after recycling shall be used for:- Horticulture – 9.0KLD HVAC -45KLD Flushing – 52KLD The project is completely based on zero discharge system. No sewer is being discharged into the drains. Waste water will be treated and used within the system.
7	Under any circumstances untreated sewage shall not be discharged to municipal sewer line	It shall be complied.
8	The project proponent will ensure that proper dust control arrangements are made during construction and proper display board is installed at the site to inform the public the steps taken to control air pollution as per air act 1981 (as amended) and the Construction and Demolition Waste Management Rules, CAQM guidelines.	It shall be complied. Measures to be undertaken for proper dust control arrangements:- --Backfilling will be avoided during monsoons and shall be planned for dry season; --Dust suppression systems (water spray) will be used as per requirement at the construction site; --Construction materials and earth will be fully

		covered during transportation to the construction site by road; --Standard prescribed by the CPCB/ UPPCB for stack height and emissions from DG sets will be complied with; --Preventive maintenance will be carried out for vehicles and pollution check will be mandatory on periodic basis all the vehicles approaching to the construction site; --Earth moving equipment, typically a bulldozer with a grader blade and ripper, will be used for excavation work; Monitoring of ambient air quality/source emission will be carried
9	A certificate from Forest Department shall be obtained that no forest land is involved and if forest land is involved the project proponent shall obtain forest clearance and permission of Central and State Government as per the provisions of Van Sanrakshan evam Samvardhan Adhiniyam,2023 and submit before the start of work.	Not Applicable. No forest land is involved in the project area.
10	If the proposed project is situated in notified area of ground water extraction, where creation of new wells for ground water extraction is not allowed, requirement of fresh water shall be met from alternate water sources other than ground water or legally valid source and permission from the competent authority shall be obtained to use it.	This is a new proposed project. The CGWB application is under process. It shall be submitted in next compliance.
11	Provision for charging of electric vehicles as per the guidelines of GoI / GoUP should be submitted within the next 3 months.	Provision for Electric Vehicle Charging Infrastructure (EVCI) as per the guidelines of GoI / GOUP is also proposed in the project. Based on the occupancy pattern and total parking provisions in the premises of the various building types, charging infrastructure shall be provided EVs which is currently assumed to be 20% of all 'vehicle holding capacity'/ 'parking capacity' at the premises. Additionally, the building premises will have an additional power load equivalent to the power required for all the charging points to be operated simultaneously with safety factor of 1.25.
12	PP should display EC granted to them on their website. 6-monthly compliance report should be displayed on their website and to be given every six month to residents / occupants of the building.	It shall be complied.
13	EC is granted with the condition that EC is	It shall be complied.

	valid only for the building plan which has been submitted by PP for seeking EC. In case approved building plan is different from the one submitted for seeking EC then this EC will stand null and void.	
14	The project proponent shall install organic bio converter.	It is being proposed. 670 kg/day of organic waste will be generated. OWC will convert it into organic manure to be used in green areas within the premises **Standard Operating Procedure** 1. Segregation of organic & Inorganic Waste 2. Feed Organic waste in OWC 3. Add bioculum 1 gm/kg of organic waste 4. Add 20 % saw dust/dry grass /dry leaves 5. Switch on OWC 6. Pull the lever after 10 minutes 7. OWC will stop after 15 minutes of process 8. Treated waste gets collected in crates kept in trolley 9. Places the crates in curing system 10. Repower until feed minimizes 11. Collect Crushed pulp in tray for aeration and drying 12. Empty out the machine at the end of operation **Specifications of Proposed Organic Waste Converter:** Capacity per 8 hours : 500 Kg Power Consumption: 4.77 Units Plant Size : 9.0 m x 9.0 m **The proposed characteristics of Organic Manure:** Total Organic Carbon: 41.93% Total Kjeldahl Nitrogen: 3.13% C: N ratio = 13.38: 1 N: P:K = 3.13 : 3.41 : 1.70 pH: 7.8
15	Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.	It shall be complied. --Dust suppression systems (water spray) will be used as per requirement at the construction site; --Construction materials and earth will be fully covered during transportation to the construction site by road; --Standard prescribed by the CPCB/ UPPCB for stack height and emissions from DG sets will be complied with; --Preventive maintenance will be carried out for vehicles and pollution check will be mandatory

		on periodic basis all the vehicles approaching to the construction site; --Earth moving equipment, typically a bulldozer with a grader blade and ripper, will be used for excavation work; Monitoring of ambient air quality/source emission will be carried
16	Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).	It shall be complied.
17	In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation	It shall be complied.
18	The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.	It shall be complied.
19	The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.	It shall be complied.
20	The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability	Refer to Annexure-1.
21	Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.	It shall be complied.
22	Proponent shall provide the dual pipeline	It shall be complied.

<table>
<tr><td></td><td>network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.</td><td></td></tr>
<tr><td>23</td><td>The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water.
The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water.
The project proponent will submit revised water mass balance in the light of above to the directorate of Environment and
the concerned regulatory authorities.</td><td>It shall be complied.

The project is completely based on zero discharge system.
No sewer is being discharged into the drains.
Waste water will be treated and used within the system for flushing and landscaping.

Refer to Annexure -2 for water balance diagram.

Rain Water Harvesting details-

The rainwater will be collected through piped drains and conveyed into rainwater harvesting system. All storm water drains have been designed for adequate size and slope such that there shall not be any flooding in the site. It shall be ensured that no wastewater shall enter into storm water drainage system.

Calculations for Storm Water Load-
<table>
<tr><td colspan="5">Peak Run off</td></tr>
<tr><td colspan="5">Max, Rainfall Intensity 40 mm/hr</td></tr>
<tr><td>Location</td><td>Runoff Coefficient</td><td>Area m^2</td><td>Rainfall intensity (in m)</td><td>Peak Run off in m^3/hr</td></tr>
<tr><td>Roof Area</td><td>0.8</td><td>4809.6</td><td>0.04</td><td>154</td></tr>
<tr><td>Paved area</td><td>0.6</td><td>6,489.39</td><td>0.04</td><td>156</td></tr>
<tr><td>Green Area</td><td>0.2</td><td>1759.2</td><td>0.04</td><td>14</td></tr>
<tr><td colspan="2">Total Area</td><td>13058.34</td><td></td><td></td></tr>
<tr><td colspan="4">Total Runoff m3/hr</td><td>324</td></tr>
</table>
Runoff Potential-
Roof top runoff= 154 m^3/hr
Taking 15 minutes Retention Time,
Total volume of storm water = 154 /4= 38.48 m^3
<table>
<tr><td>Particular</td><td>Size</td><td>Volume</td></tr>
<tr><td>Filter Protection Chamber</td><td>5 m x 1.75 m x 1.5 m</td><td>17.5 m^3</td></tr>
<tr><td>Recharge Pit</td><td>2 m x 1.75 m x 1.5 m</td><td>5.25 m^3</td></tr>
</table>
</td></tr>
</table>

		Total Effective Volume: 22.75 m^3 Hence No. of pits required = 38.48/ 22.75 = 1.69 pit ***Total No. of pits Proposed: 2 pits*** *Note: RWH will be done only from the roof top.*
24	The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.	It shall be complied. Refer to Annexure -17
25	The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.	It shall be complied. 20% of electric load i.e. 350 KW is proposed will be procured for solar energy. Solar Heating, Day Lighting, Design Natural Ventilation, Thermal Transfer value of Building Material, Energy Efficient Building Services and Equipment, Public Area Lighting, Exterior Lighting, use of sensors. ***Other Measures:-*** ➢ Public areas will be cooled by natural ventilation as opposed to air conditioning. ➢ Maximization of use of natural lighting and achieve minimum glazing factor through building design. ➢ Passive solar cooling, utilizing building shading through overhangs. ➢ Ensure that building envelope measures (Solar Heat Gain Coefficient (SHGC), Window Glazing U-value, and Overall Roof Assembly U-value) meet the baseline criteria ofECBC/IGBC/GRIHA. ➢ Ensure that the interior, exterior, common and parking area lightening power densities (LPD) meet the baseline values through „building area method" *(Ref ECBC)* ➢ Strategies include building orientation towards the north, appropriately designed windows to ensure day lightening, double height roof, etc. ➢ Design of open able areas (doors or windows), in all regularly occupied spaces of each dwelling unit providing adequate air ventilation. ➢ Design of exhaust systems in kitchen and bathrooms providing adequate fresh air

		ventilation. Adequate cross ventilation in design ***Energy Saving Practices:*** ➢ Promoting use of solar power for water heating, street light and open area. ➢ Use of energy efficient appliances. ➢ Constant monitoring of energy consumption and defining targets for energy conservation. ➢ Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels. ➢ Sunscreen films on windows to reduce heating inside buildings.
26	The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.	It shall be complied. Structure Stability Certificate is attached as Annexure no. -3
1	**STATUTORY COMPLIANCE**	
1	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	It shall be complied. Approved layout attached as Annexure-12
2	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc	It shall be complied. Structure Stability and Fire NOC attached as Annexure -3 & 4.
3	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.	Not Applicable
4	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable
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.	It is being complied. Copy of CTE is attached as Annexure -5 Copy of EC attached Annexure-16

6	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority	This is a new proposed project. The CGWB application is under process. It shall be submitted in next compliance.
7	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	It will be complied.
8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	It will be complied. Fire NOC and AAI NOC attached as Annexure – 4& 6
9	The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed	It will be complied.
10	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	It will be complied.
2	**AIR QUALITY MONITORING AND PRESERVATION**	
1	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	It will be complied.
2	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	It will be complied.
3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 andPM25) covering upwind and downwind directions during the construction period.	It will be complied. Ambient Air Quality report attached as Annexure -6
4	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height).Plastic/tarpaulin sheet covers shall	It will be complied. Measure being undertaken:- --Dust suppression systems (water spray) will be used as per requirement at the construction site; --Construction materials and earth will be fully covered during transportation to the construction site by road; --Standard prescribed by the CPCB/ UPPCB for stack height and emissions from DG sets will be

	be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	complied with; --Preventive maintenance will be carried out for vehicles and pollution check will be mandatory on periodic basis all the vehicles approaching to the construction site; --Earth moving equipment, typically a bulldozer with a grader blade and ripper, will be used for excavation work; Monitoring of ambient air quality/source emission will be carried
5	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	It will be complied.
6	Wet jet shall be provided for grinding and stone cutting.	It will be complied.
7	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	It will be complied. Other measure being undertaken:- --Backfilling will be avoided during monsoons and shall be planned for dry season; --Surface runoff from the construction site and exposed areas will be diverted using dykes, drainage swales or ditches. The method of choice will depend on the size of the drainage area and the steepness of the slope -- Retention wall or bund shall be provided around the storage areas for excavated soil and other construction material to check the flow of sediments with storm water in case of rain; --Excavated soil shall be used/transported at the earliest for filling low lying areas at the site for raising of level as planned; --Proper routing and adequate capacity of the storm water run-offs drains with catch pits shall be provided at all construction sites; --Completed earthworks will be sealed and/ or re-vegetated as soon as reasonably practicable with the help of landscape expert; --The excavated soil material shall be stacked in earmarked areas. It is advised to be dumped properly and stabilized with grass and trees or utilized for greenbelt development to avoid its washing due to rains; --Moreover, the washed soil will also be arrested by creating garland drains, leading to settling

		pond/s to allow its settling and avoid its mixing with surface water and result in their silting.
8	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.	It will be complied. Refer to Annexure -8 for details.
9	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.	It will be complied. DG Set Capacity: 1500KVA+1250 KVA. $H = h + 0.2 \times \sqrt{1500}$ $H = h+7.74$ $H = h + 0.2 \times \sqrt{1250}$ $H = h+7.07$ Height of the stack will be 7 m higher than the tallest building. Height of building = 90.15+ 7.0 = 97.15m The proposed project D.G set will be supplied with acoustic enclosure as per CPCB norms. Provision of rubber padding/ noise isolators to DG sets and construction machines. Standard prescribed by the CPCB/ UPPCB for stack height and emissions from DG sets will be complied with
10	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	It will be complied. DG Set report attached as Annexure -9
11	For indoor air quality the ventilation provisions as per National Building Code of India.	It will be complied.
3	**WATER QUALITY MONITORING AND PRESERVATION**	
1	The natural drain system should be	It is being complied.

	maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	
2	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	It is being complied.
3	Total fresh water use shall not exceed the proposed requirement as provided in the project details.	It will be complied. Refer to Annexure-2 for details
4	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	It will be complied. Refer to Annexure-2 for details Water Monitoring report attached as Annexure - 10
5	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	Construction Phase Water Requirement ~ 12 KLD Source: Primarily through private tankers arranged by the contractor Operation Phase- Water Requirement ~ 93 KLD Source: Ground Water CGWB NOC shall be submitted. 2no. of pits recharging 38.48KLD water provisioned for water augmentation.
6	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	It is being complied.
7	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.	It is being complied. Refer to Annexure -2
8	Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water	It is being complied. Refer to Annexure -2

	conservation shall be incorporated in the building plan.	
9	Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan	It is being complied.
10	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	It is being complied.
11	The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed asper the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	It will be complied.
12	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	Rain Water Harvesting details- The rainwater will be collected through piped drains and conveyed into rainwater harvesting system. All storm water drains have been designed for adequate size and slope such that there shall not be any flooding in the site. It shall be ensured that no wastewater shall enter into storm water drainage system. Calculations for Storm Water Load- Peak Run off Max, Rainfall Intensity 40 mm/hr Location Runoff Coefficient Area m2 Rainfall intensity (in m) Peak Run off in m3/hr Roof Area 0.8 4809.6 0.04 154 Paved area 0.6 6,489.39 0.04 156 Green Area 0.2 1759.2 0.04 14 Total Area 13058.34 Total Runoff m3/hr 324 Runoff Potential- Roof top runoff= 154 m3/hr Taking 15 minutes Retention Time, Total volume of storm water = 154 /4= 38.48 m3 Particular Size Volume Filter Protection Chamber 5 m x 1.75 m x 1.5 m 17.5 m3 Recharge Pit 2 m x 1.75 m x 1.5 m 5.25 m3

		Total Effective Volume 22.75 m^3 Hence No. of pits required = 38.48/ 22.75 = 1.69 pit Total No. of pits Proposed: 2 pits Note: RWH will be done only from the roof top.
13	All recharge should be limited to shallow aquifer.	It will be complied.
14	No ground water shall be used during construction phase of the project.	It will be complied. Construction Phase Water Requirement ~ 12 KLD Source: Primarily through private tankers arranged by the contractor
15	Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	It will be complied.
16	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	It will be complied.
17	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.	It is being complied.
18	No sewage or untreated effluent water would be discharged through storm water drains.	It will be complied.
19	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	It will be complied.

20	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.	It will be complied.
21	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	It will be complied.
4	**NOISE MONITORING AND PREVENTION**	
1	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.	It will be complied.
2	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	It will be complied. Noise Monitoring Report attached as Annexure - 11
3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	It will be complied.
5	**ENERGY CONSERVATION MEASURES**	
1	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECB	It will be complied.
2	Outdoor and common area lighting shall be LED.	It is being complied.
3	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-	It is being complied. Solar Heating, Day Lighting, Design Natural Ventilation, Thermal Transfer value of Building Material, Energy Efficient Building Services and Equipment, Public Area Lighting, Exterior Lighting, use of sensors is

	values shall be as per ECBC specifications.	being provisioned.
4	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	It will be complied.
5	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.	It will be complied. 20% of electric load i.e. 350 KW
6	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	It is being complied. EMP for Energy Conservation- 1. Public areas will be cooled by natural ventilation as opposed to air conditioning. 2. Maximization of use of natural lighting and achieve minimum glazing factor through building design. 3. Passive solar cooling, utilizing building shading through overhangs. 4. Ensure that building envelope measures (Solar Heat Gain Coefficient (SHGC), Window Glazing U-value, and Overall Roof Assembly U-value) meet the baseline criteria ofECBC/IGBC/GRIHA. 5. Ensure that the interior, exterior, common and parking area lightening power densities (LPD) meet the baseline values through „building area method‟ *(Ref ECBC)* 6. Strategies include building orientation towards the north, appropriately designed windows to ensure day lightening, double height roof, etc. 7. Design of open able areas (doors or windows), in all regularly occupied spaces of each dwelling unit providing adequate air ventilation. 8. Design of exhaust systems in kitchen and bathrooms providing adequate fresh air ventilation. 9. Adequate cross ventilation in design
6	**Waste Management :**	
1	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	It will be complied.

2	Disposal of muck during construction phase shall 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.	It will be complied.
3	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	It will be complied. • Adequate number of colored bins (green and Blue - separate for Bio-degradable and Non-Biodegradable) are proposed to be provided.
4	Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.	It will be complied. OWC/Composting/Recycler proposed to convert 670 kg/day into green manure to be used in green area within the premises.
5	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	It will be complied. 447 kg/day will be collected by UPPCB approved authorized vendor.
6	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	It will be complied. Number of DG sets (N)=2 Sump capacity for each DG set (taking average) (C)=32L Working hours per day=4hrs Working hours per year (w)=1460hrs Oil change time (t)=250hrs Total hazardous waste oil generation per year ((w/t)*C*N)(L/year) =408.8 Total hazardous waste oil generation per day= 1.12TPA ➢ The project management shall ensure safe storage and disposal of this hazardous waste oil through authorized agencies of UPPCB
7	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	It will be complied.
8	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and	It will be complied.

	25th January, 2016. Ready mixed concrete must be used in building construction.	
9	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.	It will be complied.
10	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination	It will be complied.
7	**GREEN COVER**	
1	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	The land is under possession of M/s Supreme Real Estate Developers Pvt. Ltd,Lucknow, U.P. Tree Cutting Permission is attached as Annexure-15
2	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	It will be complied. 165nos. trees will be planted. Refer to annexure no.1.
3	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.	It will be complied.
4	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	It will be complied. Top soil preserved will be used in landscaping.
8	**TRANSPORT**	
1	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized,	It will be complied.

	non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.	
a	Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.	It will be complied.
b	Traffic calming measures.	It will be complied.
c	Proper design of entry and exit points.	It will be complied. Refer to the Layout annexed as Annexure -12.
d	Parking norms as per local regulation.	It will be complied.
2	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	It is being complied.
3	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	It will be complied.
9	**HUMAN HEALTH ISSUES**	
1	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	It is being complied.
2	For indoor air quality the ventilation provisions as per National Building Code of India.	It is being complied.
3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster	It is being complied. Refer to Annexure -13

<table>
<tr><td></td><td>Management Plan shall be implemented.</td><td></td></tr>
<tr><td>4</td><td>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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.</td><td>It is being complied.</td></tr>
<tr><td>5</td><td>Occupational health surveillance of the workers shall be done on a regular basis.</td><td>It is being complied.</td></tr>
<tr><td>6</td><td>A First Aid Room shall be provided in the project both during construction and operations of the project</td><td>It is being complied.</td></tr>
<tr><td>10</td><td colspan="2">Corporate Environment Responsibility:</td></tr>
<tr><td>1</td><td>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.</td><td>It will be complied.</td></tr>
<tr><td>2</td><td>The company shall have a well laid down environmental policy duly approved 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 / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / 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</td><td>It will be complied.</td></tr>
<tr><td>3</td><td>A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.</td><td>It will be complied.

Environment Management Cell is provisioned under EMP

The responsibilities of the various members of the environment management cell are given in following table-

<table>
<tr><td>Sl. No.</td><td>Designation</td><td>Proposed Responsibility</td></tr>
<tr><td>1.</td><td>President of Society</td><td>Overall responsibility for environment management</td></tr>
</table>
</td></tr>
</table>

				and decision making for all environmental issues
		2.	Secretary	Hires a consultant and fulfils all legal requirements as per MoEF/ UPPCB/ CPCB
		3.	Supervisor	Ensure environmental monitoring as per appropriate procedures
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.	It will be complied. Refer to annexure-14		
11	**MISCELLANEOUS**			
1	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	It has been complied.		
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.	It has been complied.		
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.	It will be complied.		
4	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	It will be complied.		

	Climate Change at environment clearance portal.	
5	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.	It will be complied.
6	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.	It will be complied.
7	The project authorities must strictly adhere e to the stipulations made by the State Pollution Control Board and the State Government.	It will be complied.
8	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.	It will be complied.
9	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).	It will be complied.
10	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.	It will be complied.
11	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed & being complied
12	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions	Agreed & will be complied.
13	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.	Agreed & will be complied.
14	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution)	Agreed & will be complied.

	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.	
15	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.	Agreed.

ANNEXURE -1

(Landscaping Plan)

LANDSCAPING DETAILS

S.no.	Description	Units
1	Total plot area	13067.82 sqm
2	Total green area (13.46%)	1759.20sqm
3	Softscaping area (tree plantation)	1231.44sqm
4	Hardscaping area (gardening)	527.76sqm
5	Required number of trees at 1 tree per 80 sqm	163nos.
6	**Proposed Trees**	**165nos.**

SPECIES PROPOSED FOR LANDSCAPING –

S.NO.	SCIENTIFIC NAME	COMMON NAME	SERNSITIVE/ TOLERANT	HEIGHT (M)	FLOWERING SEASON
1	*Saraca asoca*	Ashok	T	5	Dec-May
2	*Azadirachta indica*	Neem	T	20	Jan-March, Aug-Sept
3	*Citrus aurantium L.*	Neebu	T	5	Sept-Nov
4	*Peltophorum pterocarpum*	Peela Gulmohar	T	15	May-Sept
5	*Butea Monosperma*	Dhak/Palash	T	15-20	Feb-April
6	*Alstonia scholaris*	Blackboard tree (Chitvan)	T	15	Dec-March
7	*Bougainvillea Spectabilis*	Bougainvillea /Paper flower	T	8	Throughout the year
8	*Murraya paniculata*	Orange Jasmine/Orange Jessamine/China Box	T	5	June-Oct
9	*Duranta erecta L.*	Neelkanth/Pigeon berry	T	3	Throughout the year
10	*Nerium Oleander l.*	Pila Kaner	T	5	April-July

1st Year Plan to 5th Year Plan

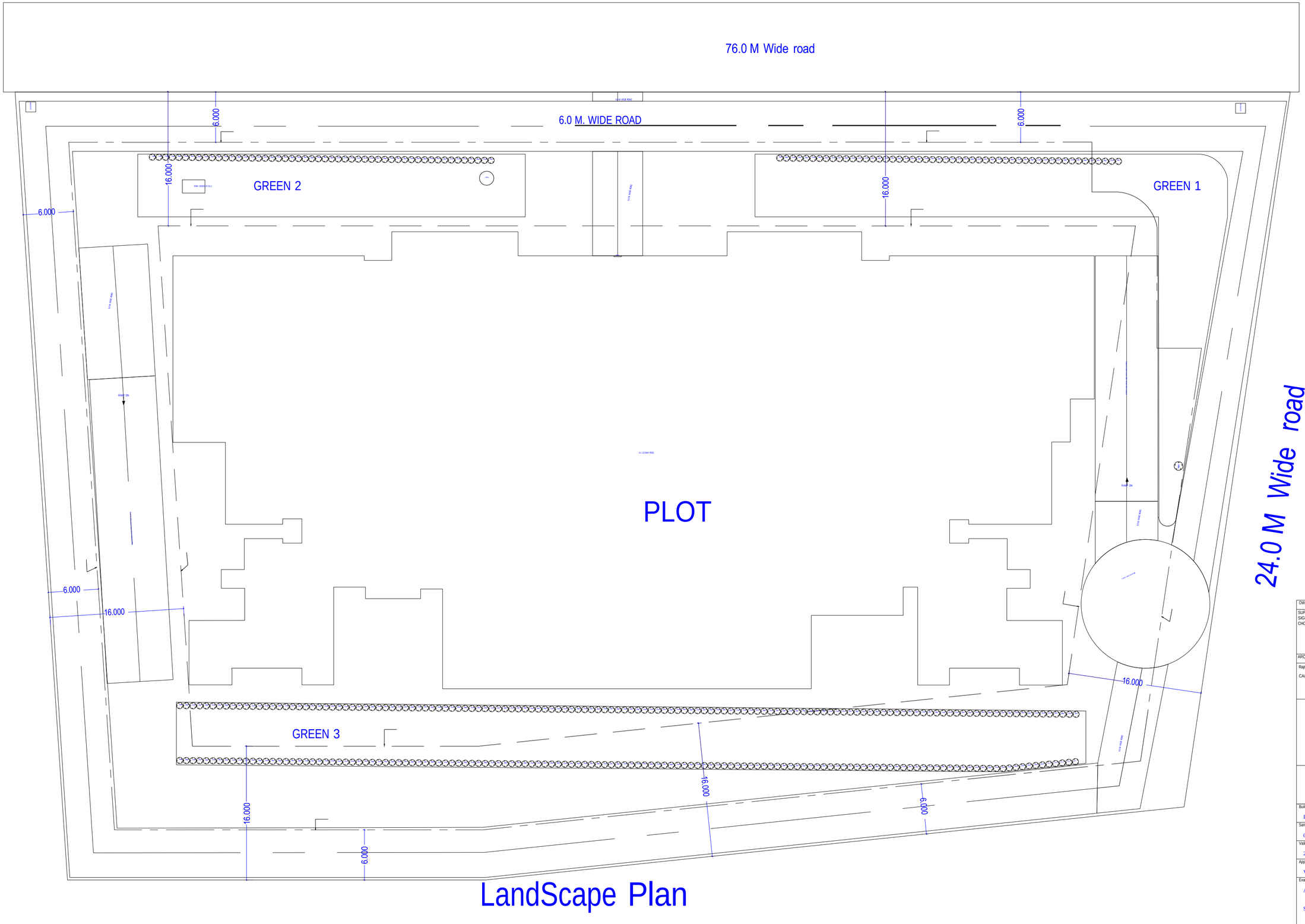
- Company should provide all necessary facilities for irrigation of greenbelt in good condition and necessary maintenance of irrigation facilities should be done regularly.
- Company should regularly assess survival rate of planted trees & shrub and if required necessary re-plantation should be done to ensure healthy & dense greenbelt area in its premises.
- Company should do fertilization as required for healthy greenbelt development.
- For plantation, if required, company should acquire saplings from local private/government (Forest & Other) nursery
- Company should ensure survival rate above 80% to ensure adequate greenbelt and canopy cover in 35% of its total area at any time.

Management Period

- The properly designed greenbelt area, irrigation facilities, Sapling storage & maintenance area and storage for greenbelt development resources/tools etc. should be provided in construction phase prior to commissioning of plant operation. The necessary structural maintenance should be done throughout the extent of operation phase.
- The greenbelt development guidelines and five-year program should be initiated with inception of construction phase of project and should be implemented & practiced as routine throughout the project life.

Project Title :PROPOSED SUPREME REAL ESTATE DEVELOPERS PVT. LTD. THROUGH SIGNATORY AUTHORITY SHEO JANAM CHAUDHARI SITUTATED AT PLOT NO. 47 & 48 VIBHUTI KHAND,GOMTINAGAR SCHEME,LUCKNOW.

File No	LDA/BP/22-23/3142	Sheet	14 / 14
Submission Date	2023-07-17	Scale	1:100



LandScape Plan

Note: - 1) This drawing is prepared as per the current prevailing Building Bye Laws.
2) If Map sanctioned is used for purpose anything other than stated in application will lead to rejection of Map.

Total Plot Area: -	13058.19	Total FAR Area: -	39024.88
Total Coverage Area: -	4809.60	Total BUA Area: -	65709.34

OWNER'S NAME AND SIGNATURE

SUPREME REAL ESTATE DEVELOPERS PVT LTD THROUGH SIGNATORY AUTHORITY SHEO JANAM CHOUDHARI,architect@shalimar.org,7310106603

ARCH/ENG'S NAME AND SIGNATURE

Rajneesh Kumar

CA/2017/86949

Lucknow Development Authority

Building Plan Application Number

LDA/BP/22-23/3142

Sanctioned On

02 Aug 2023

Valid Till

27 Aug 2028

Approved By

Vice Chairman (Vice Chairman)

Examined By

Atul Sharma (Junior engineer)

Sanjay Kumar (Junior engineer)

Rajesh Sharma (Assistant Engineer)

Kaushvendra Kumar Gautam (Executive engineer/Town Planner)

Gyanendra Verma (Chief Town Planner)

Pawan kumar Gangwar (Secretory)

ISO_A0_(841.00_x_1189.00_MM)

ANNEXURE -2

(Water Balance Diagram)

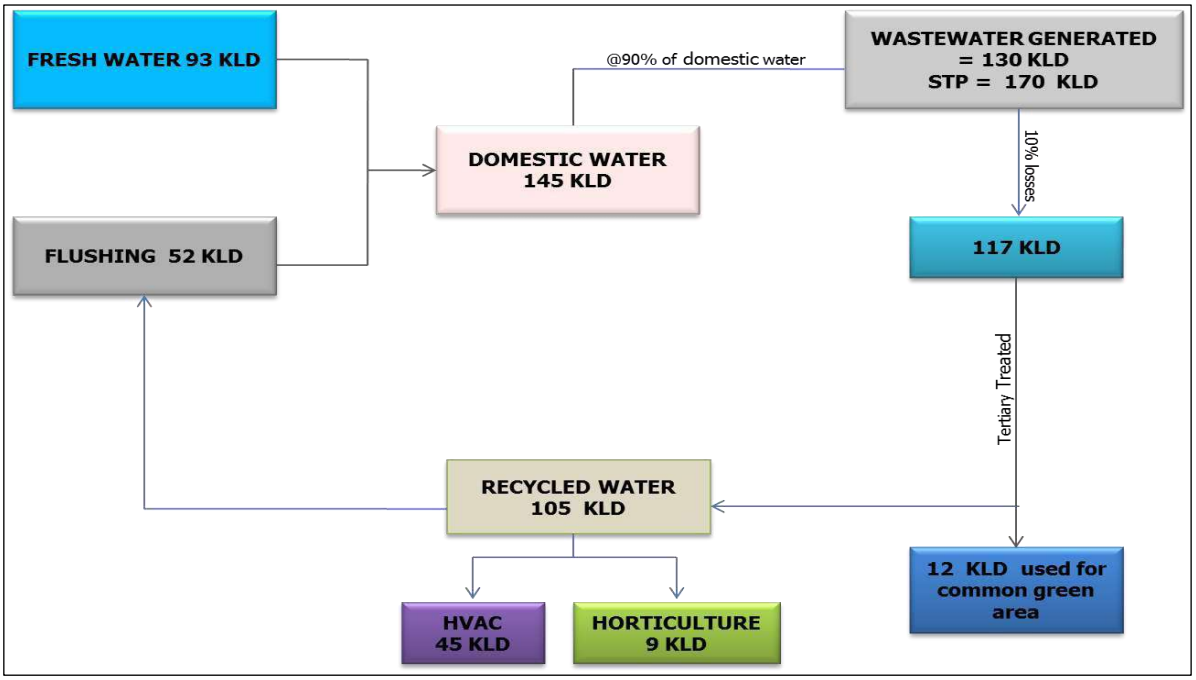
Water Balance in Construction Phase-

Sr. No.	Particulars	Water Requirement		Wastewater Generation	
		Total Population	Quantity (KLD)	Quantity (KLD)	Remarks
1.	Domestic Water for labour	**80 workers**	**@ 45 lpcd 3.6 KLD (met by contractor)**	**3.1**	**@ 85% Waste water will be disposed into Septic Tank**
2.	Dust Suppression		3.4	-	Losses
3.	Washing of Construction Equipment		3	2.4	20% loss on washing; rest will be collected and reused for curing after necessary treatment
4.	Curing		2 KLD	-	Losses
5.	Total		12	5.5	

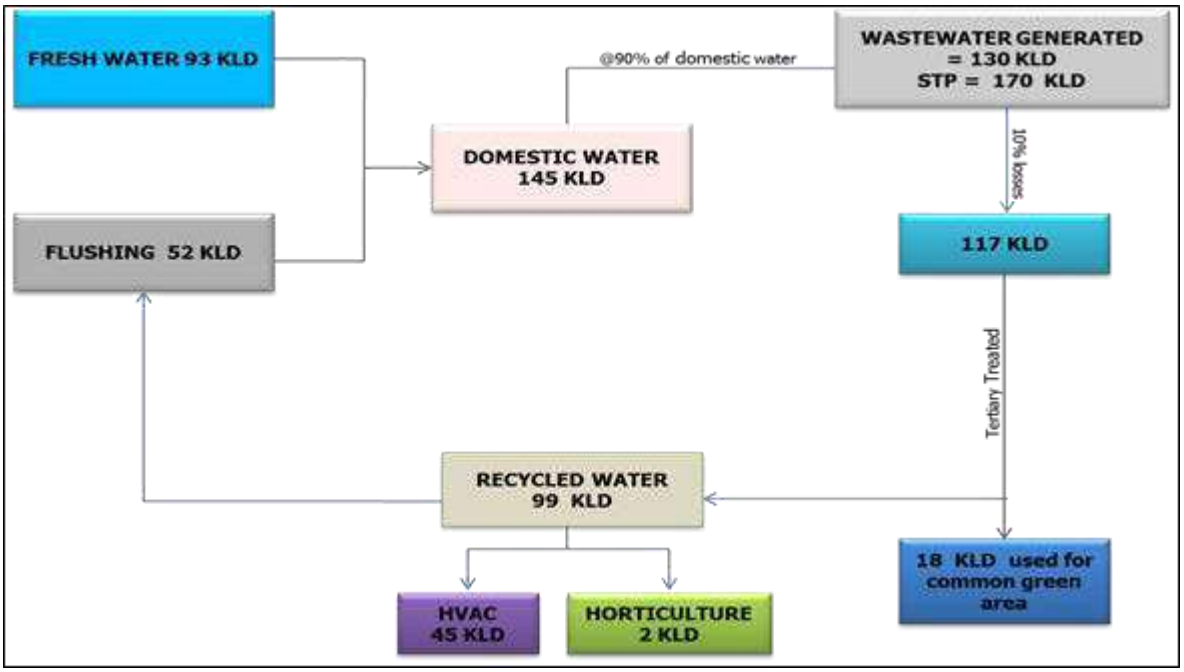
Water Supply during Operation period-

Sl. No.	Water Description	unit/ Area	Total Occupancy	Rate of water demand (lpcd)	Total Fresh Water (KLD)	Total Flushing/Recycled water (KLD)	Total Water Requirement (KLD)
1.	**Residential**	122 units	816	*Fresh Water @ 65 LPCD* *Flushing Water @ 21 LPCD*	53.50	17.50	71.00
2.	**Visitors**	--	85	*Fresh Water @ 5 LPCD* *Flushing Water @ 10 LPCD*	0.50	1.00	1.50
3.	**Retail Shop** • **Fixed**		369	*Fresh Water @ 25 LPCD* *Flushing* *Water @ 20 LPCD*	9.50	7.50	17.00

	• **Floating**		2421	*Fresh Water @ 5 LPCD* *Flushing Water @ 10 LPCD*	12.00	24.50	36.50
4.	**Facility** **(Banquet & Restaurant)**		150	*Fresh Water @ 25 LPCD* *Flushing Water @ 10 LPCD*	4.00	1.50	5.50
5.	**Swimming Pool makeup water**				2.50		2.50
6.	**Filter backwash** • **WTP** • **Swimming Pool**				6.50 4.00		10.50
Total Domestic Water					**92.50** **Say 93.00**	**52.00**	**144.50** **Say 145.00**
8.	**Landscape**	1759.20 m^2		Non-monsoon @ 5/m^2	9.0		9.00
				Monsoon @ 1/m^2	2.0		2.0
					Grand Total (Non-Monsoon) = 154 KLD **Grand Total (Monsoon) = 147 KLD**		



Water Balance Chart during Non-Monsoon Season



Water Balance Chart during Monsoon Season

Waste Water Generation & Treatment:

During summer season, 105 KLD will be met from recycling of treated wastewater for Flushing, HVAC & Horticulture. Details of treated water usages are as follows:

Fresh Water	93 KLD
Flushing	52 KLD
Horticulture / Landscape	9 KLD **(Summers)** 2 KLD **(Monsoon)**

Recycled water	105 KLD **(Summers)** 99 KLD **(Monsoon)**
Total Water Requirement	154 KLD **(Summers)** 147 KLD **(Monsoon)**
Total Waste Water Generation	130 KLD
Source of water – Municipal Water Supply/ Ground Water/Recycled water	
STP Capacity: 170 KLD **(MBR)**	

ANNEXURE -3

(Structure Stability Certificate)

इंस्टीट्यूट ऑफ इंजीनियरिंग एण्ड टेक्नोलाजी
INSTITUTE OF ENGINEERING AND TECHNOLOGY
सीतापुर रोड, लखनऊ – 226 021 (उ.प्र.) भारत
Sitapur Road, Lucknow - 226 021 (U.P.) India

Phone : +91 94150 59074 | mail : drkhan1961@gmail.com

IET/C.E. M/K-C&T/2023-5173 Dated: 13-02-2023

To,

M/s Supreme Real Estate Developers Pvt. Ltd.
A-2/2, F.F., Safdarjung Enclave,
South Delhi, Delhi.

Ref: Your letter No. SRED/IET/2023/01 dated 24.01.2023.

Dear Sir,

This has reference to your above letter whereby consultancy for vetting of structural design for submission for construction of Commercial Residential building at Shalimar Crest building at Plot No. TC-47 & 48, Vibhuti Khand, Gomti Nagar, Lucknow by M/s TPC Projects Technical Consultants (P) Ltd, H.O.-B-74, Sector-57, NOIDA-201301, (UP) for which drawings were presented. The submission drawings are checked and same being vetting subject to following:

1. A total of 42 forty two drawings are presented for vetting for building with Double Basement+GF+1 Podium+20 i.e., 25 storey from founding level.
2. The structural design has been carried out by M/s TPC Projects Technical Consultants (P) Ltd, H.O.-B-74, Sector-57, NOIDA-201301, (UP).
3. As per the Design Basis report submitted by TPC Technical Projects Consultants Pvt. Ltd. the Safe Bearing Capacity of 32.70T/m^2 and 33.90T/m^2 have been recommended for Raft footing of thickness 1500mm placed at depth 8.50M and 9.50M below EGL respectively. Accordingly the Safe bearing capacity has been adopted for the Raft footing.
4. The design loads have been adopted higher than those in accordance to relevant part I, II, III and V of IS:875.
5. The sectional details of space dimensions are assumed to be as per architectural requirements being beyond the scope of vetting, and as such are considered in the structural design.
6. Design has been carried out as per provisions of IS:456-2000, IS:13920-2016 and IS:1893-2016 and seismic factor 'alpha' has been considered for Seismic zone III within which Lucknow falls, hence satisfactory.
7. In the structural design, concrete grade of M_{40} has been adopted for all the structural members (foundation, Slab, Beam, Column, retaining wall etc.) which is more than adequate, hence satisfactory. The steel grade of Fe550D is adopted for all the structural members (foundation, Slab, Beam, Column, retaining wall etc.) The steel grade of Fe 500 is satisfactory. It is also advisable to adopt designed concrete mix for M_{40} concrete grade using 53 grade cement.
8. It is advised to get the material test report of all the constructional material prior to putting them in use.
9. The owner, builder and sites engineers supervising construction must ensure all then safety parameters and provisions of IS code related to such construction.
10. Before casting of each structural member, verification to effect of proper laying and placing of reinforcement must be verified/certified by the competent authority and kept as record.
11. All essential and necessary clearances from appropriate authorities must be obtained before construction.
12. All requisite NOC's including Pre-construction NOC should be obtained before starting construction.

With above comments, suggestion and recommendations for amendments design is found Safe and as such vetted.

Enclosure : 42 Nos. Drawings as mentioned above.

(Prof. M. A. Khan)
Professor & Principal Investigator
Civil Engg Department

ANNEXURE -4

(Fire NOC)

प्रारूप-घ (संलग्नक-3)
औपबन्धिक (प्रोविजनल) अनापत्ति प्रमाणपत्र

यूआईडी संख्या: **UPFS/2023/85767/LCK/LUCKNOW/4317/JD**

दिनांक:**13-06-2023**

प्रमाणित किया जाता है कि मैसर्स **SHALIMAR CREST FOR SUPREME REAL ESTATE DEVELOPERS PVT LTD** (भवन/प्रतिष्ठान का नाम) पता **TC-47,48 VIBHUTI KHAND GOMTI NAGAR,GOMTI NAGAR,LUCKNOW** तहसील - **LUCKNOW** प्लाट एरिया **13067.82 sq.mt** (वर्गमीटर), कुल कवर्ड एरिया **47030.53** (वर्गमीटर), ब्लाकों की संख्या **1** जिसमें

ब्लॉक/टावर	प्रत्येक ब्लाक में तलों की संख्या	बेसमेन्ट की संख्या	ऊँचाई
SHALIMAR CREST	24	2	93.75 mt.

है। भवन का अधिभोग मैसर्स **SHALIMAR CREST FOR SUPREME REAL ESTATE DEVELOPERS PVT LTD** द्वारा किया जायेगा। इनके द्वारा भवन में अग्नि निवारण एवं अग्नि सुरक्षा व्यवस्थाओं का प्रावधान एन0बी0सी0 एवं तत्संबंधी भारतीय मानक ब्यूरो के आई0एस0 के अनुसार किया गया है। इस भवन को औपबन्धिक अनापत्ति प्रमाणपत्र, एन0बी0सी0 की अधिभोग श्रेणी **Residential** के अन्तर्गत इस शर्त के साथ निर्गत किया जा रहा है कि प्रस्तावित भवन में अधिभोग श्रेणी के अनुसार सभी अग्निशमन व्यवस्थाओं के मानकों का अनुपालन पूर्ण रूप से किया जायेगा तथा भवन के निर्माण के पश्चात भवन के अधिभोग से पूर्व अग्नि सुरक्षा प्रमाण पत्र प्राप्त किया जायेगा। ऐसा न करने पर निर्गत प्रोविजनल अनापत्ति प्रमाणपत्र स्वतः ही निरस्त मान लिया जायेगा, जिसके लिए मैसर्स **SHALIMAR CREST FOR SUPREME REAL ESTATE DEVELOPERS PVT LTD** अधिभोगी पूर्ण रूप से जिम्मेदार होगा/होंगें।

Note : In view of the recommendation reports of cfo and fso. The NOC is being issued -All fire & safety arrangements shall be installed as per the fire and safety rule2-Final NOC must be received from fire department before start/occupy the building3-Fire & Safety arrangement to be made during the construction work as per the NBC-2016 & In future if any change is require in purposed drawing then resubmit the amended drawing for approval.

"यह प्रमाण-पत्र आपके द्वारा प्रस्तुत अभिलेखों, सूचनाओं के आधार पर निर्गत किया जा रहा है। इसके असत्य पाए जाने पर निर्गत प्रमाण-पत्र मान्य नहीं होगा। यह प्रमाण-पत्र भूमि / भवन के स्वामित्व / अधिभोग को प्रमाणित नहीं करता है।"

हस्ताक्षर (निर्गमन अधिकारी)

Digitally Signed By
(AMAN SHARMA)

[6F3173ACF12B2848601D36130C6B41BBB05EE040]

20-06-2023

निर्गत किये जाने का दिनांक : **20-06-2023**
स्थान : **LUCKNOW**

ANNEXURE -5

(CTE Copy)

UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

Validity Period :21/01/2024 To 20/01/2029

Ref No. - 192450/UPPCB/Lucknow(UPPCBRO)/CTE/LUCKNOW/2023 **Dated:- 06/02/2024**

To ,

Shri SHEO JANAM CHOUDHARI
M/s Supreme Real Estate Developers Pvt Ltd
Plot No. TC 47 and 48, Vibhuti Khand Gomti Nagar, Lucknow,LUCKNOW,226010
LUCKNOW

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Polution) Act, 1981 as amended.

Please refer to your Application Form No.- 22677134 dated - 16/12/2023. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	**Raw Material Unit Name**	**Raw Material Quantity**
Cement, Sand, Aggregate, Concerete	Metric Tonnes/Day	0

C- Product with capacity :

Product Detail	
Name of Product	**Product Quantity**
Shalimar Sky Garden (65709.34 Sqm. Builtup)	0

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	**Unit Name**	**Licence Product Capacity**	**Install Product Capacity**
Cement, Sand, Aggregate, Concerete	Metric Tonnes/Day	0	0

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	**Name of Source**	**Quantity (KL/D)**
Other	Lucknow Nagar Nigam	0.0
Ground Water (within premises)	Borewell	0.0

3. Quantity of effluent (ln KLD) :

Effluent Details	
Source Consumption	**Quantity (KL/D)**

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	**Consumption(tpd/kld)**	**Use**
Diesel	0	Diesel Generator

5 For any change in above mentioned parameters, it will be mandatory to obtain Consent to Esta again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Esta again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 20/01/2029 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, I974 and Air (Prevention and control of Pollution)Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application,complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act,1981 may be initiated against the industry With out any prior information,in case of non compliance of above conditions.

Specific Conditions:

1. This Consent to Establish is being granted to M/s Supreme Real Estate Developers Pvt Ltd to establishment of Residential Commercial Building (Floor (2B+G+22 BHK-22) Residential Unit-122 nos, 3 BHK-38, 4 BHK-84 Retail shops- 23 nos) at Plot No. TC 47 and 48, Vibhuti Khand Gomti Nagar, Lucknow total plot area 13067.82 sqm. and buildup area 65709.34 sqm.

2. This CTE is valid for only Construction of Building. In Case of any change, enhancement, any construction etc. PP should obtain again Consent to establishment (CTE) certificate from the Board separately.

3. The PP shall ensure to start the construction prior issued Environmental Clearance (EC) from SEIAA.

4. The project proponent shall ensure to provide the proper exhaust from roof level along with acoustic enclosures on DG sets (capacity of 1500 KVA and 1250 KVA) as per prescribed standards.

5. The PP shall ensure to install STP of capacity 170.0 KLD for treatment of domestic sewage and treated effluent shall be used for irrigation in green belt of the premises and rest shall be discharged in to drain as per the norms specified in Environment (Protection) Act, 1986.

6. The PP shall ensure to establish Miyawaki forest, as per the GO no. 1011/81-7-2021-09(rit)/2016 dated 13.10.2021 of Deptt. of Environment, forest and Climate Change.

7. The Order issued by Hon'ble Courts/Hon'ble NGT, MoEF & CC, Central Pollution Control Board, U.P. Pollution Control Board shall be complied with.

8. Project shall not start gaseous emission & sewage generation without obtaining CTO (Air and Water) from the Board.

9. The PP shall obtain NOC from UP Ground Water Department for abstraction of ground water within 03 months and submit in the Board.

10. The dust emission from the construction sites shall be completely controlled and all precautions will be taken in that behalf.

11. All approach roads & in campus roads should be sprinkled with water to suppress the dust emission.

12. The project shall ensure to put tarpaulin scaffolding around the area of construction and the building for effective and efficient control of dust emission generated during construction of the project.

13. Storage of any construction material particularly sand shall not be done on any space outside the project area.

14. The project shall comply with the provisions of Construction and Demolition Waste Management Rules, 2016.

15. The construction material of any kind stored on site shall be fully covered in all respect so that it does not disperse in the air in any form. The dust emission from the construction sites shall be completely controlled and all precautions will be taken in that behalf.

16. All the construction material & debris shall be carried in trucks or vehicles which are fully covered and protected so as to ensure that the construction debris or construction material does not get dispersed into the air or atmosphere in any form whatsoever.

17. The PP shall ensure to install Organic Waste Convertor for bio degradable waste in its premises before completion of project.

18. The project shall ensure to provide the proper Wind breaking wall constructed around the construction site.

19. The PTZ web cameras shall be installed on STP outlet. Online continuous monitoring system shall be installed for monitoring of treated water and provide the URL ID and password to the

Board.

20. In case of installation of hotmix/ready mix plant, the prior permission shall be obtained from the Board.

21. Fixing of sprinklers and creation of green air barriers shall be done to control fugitive dust emission and improve environment. Compulsory use of wet jet in grinding and stone cutting shall be practiced.

22. The project shall comply with the provisions of Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended, Plastic Waste Management Rules 2016, E- Waste (Management) Rules 2016, Solid Waste Management Rules 2016 & Hazardous and other Waste (Management and Transboundary Movement) Rules 2016 (Whichever is applicable).

23. Project shall submit a bank guarantee of Rs. 5.0 Lakhs within 15 days for compliance of the above conditions no 1 to 22.

Please note that consent to Establish will be revoked, in case of, non compliance ot any of the a mentioned conditions. Board reserves its right for amendment or cancellation of any of the conditions specified above. Industry is directed to submit its first compliance report regarding above mentioned specific and general conditions till 06/03/2024 in this office. Ensure to submit the regular compliance report otherwise this Consent to Establish will be revoked.

Chief Environmental Officer,
Circle-5, UPPCB.

Dated:- 06/02/2024

Copy To -

Regional Officer, UPPCB, Lucknow.

Chief Environmental Officer,
Circle-5, UPPCB.

मिशन LiFE - पर्यावरण के लिए जीवन शैली

(Lifestyle For Environment)

जनसहभागिता का सन्देश

- स्वच्छता – देशसेवा में अपने परिवेश की स्वच्छता हेतु अपना सक्रिय योगदान सुनिश्चित करें
- संकल्प लें -एकल उपयोग प्लास्टिक उत्पाद जैसे कप, तश्तरी, चम्मच, स्ट्रॉ, ईयरबड्स आदि का उपयोग न हो एवं पर्यावरण अनुकूल विकल्पों जैसे कागज/पत्तों से बने दोने या कटलरी को प्राथमिकता दी जाय |
- एकल उपयोग प्लास्टिक उत्पाद के प्रयोग को रोकने एवं प्लास्टिक बैग के बजाय कपड़े के थैले का उपयोग करने मात्र से 375 मिलियन टन ठोस (प्लास्टिक) कचरे का उत्सर्जन बचाया जा सकता है
- चक्रीय अर्थव्यवस्था (सर्कुलर इकोनॉमी) का समुचित कार्यान्वयन वर्ष 2030 तक लगभग 14 लाख करोड़ रुपये की अतिरिक्त बचत उत्पन्न कर सकता है | वेस्ट /अपशिष्ट फेकने के पूर्व सोचें, ये किसी का संसाधन तो नहीं ...?
- अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को कचरे में फेकने से रुकें | इसके उपयुक्त निस्तारण हेतु इसे प्राधिकृत ई – वेस्ट रीसाइकलर को दें | प्राधिकृत ई-रीसाइक्लिंग इकाई में अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को देने मात्र से 0.75 मिलियन टन तक ई-कचरे का पुनर्चक्रण किया जा सकता है एवं ई-कचरे के विषम पर्यावरणीय दुष्प्रभाव से बचा जा सकता है
- बाहर जाते समय - सोचें कि क्या आपको वास्तव में परिवहन की आवश्यकता है - वह भी क्या व्यक्तिगत रूप से ? छोटी दूरी के लिए पैदल चलना पसंद करें, अथवा सम्भव हो तो कार पूल के रूप में संसाधन को साझा करें अथवा सार्वजनिक परिवहन पर विचार करें
- घरेलू स्तर पर कम से कम ठोस अपशिष्ट का उत्सर्जन करें और इनका प्रबंधीकरण करें
- उपयोगी शेष खाद्य सामग्री आपके स्वयं प्रयास अथवा निकटस्थ सक्रिय स्वयं सेवी संस्थाओं की सहायता से समाज के वंचित वर्ग तक पहुंचाई जा सकती है | वहीं अनुपयोगी भोजन /खाद्य सामग्री को कंपोस्ट (वर्मी कम्पोस्ट) करने से 15 अरब टन भोजन को नष्ट होने से बचाया जा सकता है
- ध्यान रखें - उपयुक्त नल और शावर के उपयोग से पानी की खपत को 30 - 40% तक कम किया जा सकता है। एवं उपयोग में न होने पर नलों को बंद रखने मात्र से 9 ट्रिलियन लीटर पानी बचाया जा सकता है
- ट्रैफिक लाइट/रेलवे क्रॉसिंग पर कार/स्कूटर के इंजन बंद करने मात्र से 22.5 बिलियन kWh तक ऊर्जा की बचत हो सकती है
- परम्परागत बल्ब के स्थान पर CFL का उपयोग बिजली की खपत में प्रभावी कमी लाते हैं | उपयोग में न होने पर बिजली उपकरणों को बंद करें | स्टार रेटेड विद्युत उपकरणों के उपयोग को प्राथमिकता दें

हमारे द्वारा अपनी जीवन शैली की प्राथमिकताओं का उचित और पर्यावरण अनुकूल पुनर्निर्धारण समाज और पर्यावरण के प्रति हमारा दायित्व है।

ANNEXURE- 6

(Ambient Air Quality Monitoring report)

SAWEN PROJECTS & LABORATORIES PVT. LTD.

PAN INDIA

Regd. Off: 409-A, Sahara Shopping Centre, Ayodhya Road, Lucknow - 226016 (U.P.)
Contact: 0522 - 4574575, 2341312, 4235437 Mobile: 7379444471 - 72 - 73, 7007012249
Website: www.sawenconsultancyservices.com E-mail: splpl.lko@gmail.com,
E-mail: dr.rajesh_singh@yahoo.co.in, consultancy_sawens@yahoo.co.in, consultancy.sawens@gmail.com
ISO 9001 : 2008 OHSAS 18001:2007 Certified CIN No.: U24233UP2009PTC037307

Dedicated to Environment Clean & Green

TEST REPORT
Ambient Air Quality Analysis

Sample Code: AQ-SPLPL-2403A
Sample Description: Ambient Air
Monitoring Location: 6m from Main Gate No. 01
Date of Monitoring: 02.12.2024-03.12.2024
Date of Analysis: 03.12.2024-18.12.2024
Average Flow Rate of Manometer (m^3/min): 1.1
Average Flow Rate of Rotameter (lpm): 0.5
Land Use at Location: Residential

Report No.: SPLPL/AQ/TR/2403A /24
Issue Date: 18.12.2024
Monitoring done by: Mr. Dhirendra
Sampling Plan & Procedure: SPLPL-SOP-AQ-34
Sampling Time: 24 hrs.
Ambient Temperature (°C): 22
Weather Conditions: clear sky
Remarks (If any): none

Client's Name and Address: M/s Shalimar Sky Garden, Vibhuti Khand, Gomti Nagar, Lucknow.

S.NO.	PARAMETER TESTED	TEST PROTOCOL	UNIT	RESULT	NATIONAL AMBIENT AIR QUALITY STANDARDS (VIDE CPCB NOTIFICATION FOR G.S.R. 826 (E) DATED 16.11.2009)
1.	PM (10)	IS: 5182 Part 23	µg/m³	96.8	100
2.	PM (2.5)	SOP-AAQ-21B	µg/m³	40.7	60
3.	SO_2	IS: 5182 Part II	µg/m³	6.22	80
4.	NOx	IS: 5182 Part VI	µg/m³	26.5	80

End of Report

Note:

- This report relates to the tested sample only for various parameters, as observed at the time of sampling. It should not be reproduced wholly or in part without the prior written permission of the Laboratory.
- The test samples shall be destroyed after two weeks from the date of issue of test report, unless otherwise specified.
- Responsibility of laboratory is limited to the invoiced amount only.

For Sawen Projects & Laboratories Pvt. Ltd.

(Satyendra Singh)
Authorized Signatory

ANNEXURE- 7

(AAI NOC)

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Supreme Real Estate Developers Pvt. Ltd.

Date: 21-03-2023

A-2/3, First Floor, Safdarjung Enclave, South Delhi, Delhi-110029

System Generated Auto Assessment for Height Clearance

1. Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR 751 (E) dated 30th Sep. 2015 for Safe and Regular Aircraft Operations has assessed the site data filled by the applicant.

2. Assessment details for Height Clearance:

NOC ID :	**LUCK/NORTH/B/031623/747277**
Applicant Name*	**Bimal Kumar Srivastava**
Site Address*	**Shalimar Crest at Plot No. TC-47 and 48, Vibhuti Khand, Gomti Nagar, Lucknow-226010, Uttar Pradesh**
Site Coordinates*	**26 52 22.31N 80 59 58.44E, 26 52 19.26N 80 59 58.91E, 26 52 19.49N 81 00 03.89E, 26 52 22.50N 81 00 04.16E**
Site Elevation in mtrs AMSL as submitted by Applicant*	**114.71 M**
Type Of Structure*	**Building**

*As provided by applicant

Your site is located at a distance 16804 mts from ARP and lies in the grid H20 of the published CCZM of Lucknow airport. The Permitted top elevation for this grid is 220 mts.

Since the requested top elevation 174.71 mts in AMSL is below CCZM permitted top elevation, the NOC for height clearance is not required from Airports Authority of India.

3. This assessment is subject to the terms and conditions as given below:

a. The site-elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation for the proposed structure. If however, at any stage it is established that the actual data is different from the one provided by the applicant, this assessment will become invalid.

b. The Site coordinates as provided by the applicant in the NOC application has been plotted on the street view map and satellite map as shown in ANNEXURE. Applicant/Owner to ensure that the plotted coordinates corresponds to his/her site.In case of any discrepancy,this assessment shall be treated as null and void

c. Airport operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that assessment terms & conditions are complied with.

d. The assessment is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including the Aircraft(Demolition of Obstruction caused by Buildings and Trees etc.) Rules,1994.

e. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This assessment for height is to ensure the safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.

f. Use of oil, electric or any other fuel which does not create smoke hazard for flight operations is obligatory, within 8 KM of the Aerodrome Reference Point.

g. This assessment has been issued w.r.t. the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC for Defence, if the site lies within jurisdiction of Defence Airport. Applicants also need to seek clearance from state Govt. as applicable, for sites which lies in the jurisdiction of unlicensed civil aerodrome as outlined in Rule 13 of GSR751 (E).

This assessment is system auto generated and thus does not require any signature

Designated Officer

Region Name: NORTH

Address: General Manager Airports Authority of India, Regional Headquarter, Northern Region, Operational Offices, Gurgaon Road, New Delhi-110037

Email ID: noc_nr@aai.aero

Contact No: 011-25653551

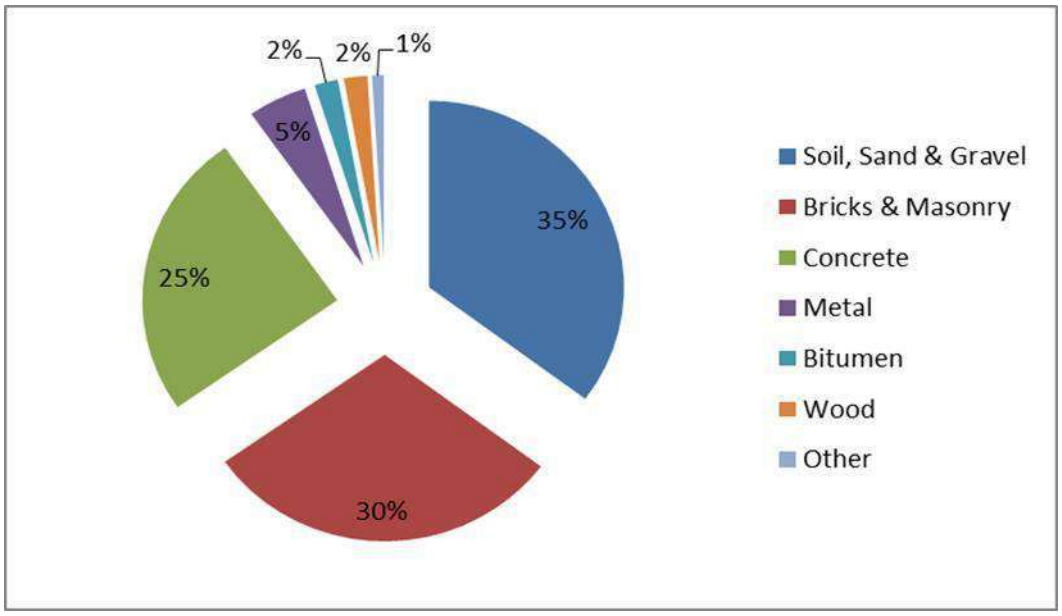
ANNEXURE- 8

(Estimation of Solid Waste)

A. During Construction Phase-

Construction waste generating from the site will be managed through C&D waste management rules, 2016.

Construction waste material	Total construction waste generated @ 40 kg/sq.m of Built-up (65709.34 sqm)	2.63 MT



A. During Operation Phase-

It is anticipated that the approximate daily quantity of this waste will be around 357 kg. This estimation encompasses the total waste output, accounting for all occupants involved in the project.

S. No.	Particulars	Population	Waste generated in kg/day
1.	Residential (@0.5kg/day)	816	408.0
2.	Visitors (@0.15kg/day)	85	12.75~13.0
3.	Retail (@ 0.25kg/day)	2690	672.5 ~ 673.0
4.	Facility (@0.15kg/day)	150	22.5~23.0
Total Solid Waste generated			**1,117 kg/day**
Horticulture Waste (@ .0037/m^2/day)			7.00 kg/day
E-Waste (0.15 kg/c/yr)			Approx. < 1 kg/day

STP sludge (0.04 kg/KLD of waste water)	7.00 kg/day

Other Waste Material Mitigation Measures

Other wastes	Mitigation Measures
Hazardous Waste	The Project is a Building Construction Project in which no storage of hazardous chemicals (as per MSIHC rules) will be done, except HSD (low sulphur variety) required to run standby DG sets. Also, the quantity to be stored will be below the threshold limit specified in the MSIHC rules. During construction paints, solvents, thinner, oil and lubricants will be stored properly and used carefully, minimizing the impact on humanhealth and environment.
E-Waste	The e-waste generated from the proposed project would be suitably managed through assistance from e-waste collecting agency. The mantra of 5Rs" applies here: **Reduce** generation of e-waste through smart procurement and good maintenance. **Reuse** still functioning electronic equipment by donating or selling it to someone who can still use it. **Recycle** those components that cannot be repaired. To identify organizations who reuse or recycle electronics. **Refuse:** Avoid purchase of environmentally burdensome materials whenever possible. **Reform:** Reuse materials in a different form.

ANNEXURE- 9

(DG Set report)

SAWEN PROJECTS & LABORATORIES PVT. LTD.

PAN INDIA

Regd. Off: 409-A, Sahara Shopping Centre, Ayodhya Road, Lucknow - 226016 (U.P.)
Contact: 0522 - 4574575, 2341312, 4235437 Mobile: 7379444471 - 72 - 73, 7007012249
Website: www.sawenconsultancyservices.com E-mail: splpl.lko@gmail.com,
E-mail: dr.rajesh_singh@yahoo.co.in, consultancy_sawens@yahoo.co.in, consultancy.sawens@gmail.com
ISO 9001 : 2008 OHSAS 18001:2007 Certified CIN No.: U24233UP2009PTC037307

Dedicated to Environment Clean & Green

TEST REPORT
Stack Emission Quality

Sample Code: EQ-SPLPL-207A

Sample Description: Stack Emission

Stack Attached To: DG Set Near Power Station of Metro 220 before Polytechnic Chauraha

Ambient Air Temperature (°C): 22°C

Monitoring Location: Near Power Station of Metro 220 before Polytechnic Chauraha

Date of Monitoring: 02.12.2024

Date of Analysis: 02.12.2024-17.12.2024

Stack Height (from GL): 2.2 meters

Distance of Platform (from GL): 1.2 meters

MOC of Stack: MS

Land Use at Location: Residential

Stack Temperature (°C): 50 °C

Stack Top: Circular

APCS (If any): Yes

Report No.: SPLPL/EQ/ TR/207A/24

Issue Date: 18.12.2024

Sampling done by: Mr. Abhishek

DG Set Capacity: 125 KVA

Type of Fuel: High Speed Diesel

Consumption of Fuel: 10 Ltrs/ Hr.

Sampling Plan &Procedure: SOP-SQ-20

Stack Diameter: 2.2 inch

Sampling Period: 41 min

Weather Conditions: Clear sky

Atmospheric Pressure:740 mm of Mercury

Flue Gas Exit Velocity (m/sec): 6.07

Flue Gas Discharge (Nm^3/hr.): 37.47
Flow Rate (lpm): 23.51
Total Volume of Air Sample (cum): 507.51

Name & Address of Client: M/s Shalimar Sky Garden, Vibhuti Khand, Gomti Nagar, Lucknow.

S.NO.	PARAMETER TESTED	TEST PROTOCOL	UNIT	VIDE CPCB NOTIFICATION FOR DG SETS GSR 771(E) dt 11.12.2013	RESULT AFTER CONVERSION TO CPCB STANDARD UNITS
1.	Particulate Matter (PM)	IS: 11255 (Part 1)- 1985; Reaff 2019	mg/N cu.m	≤0.2 g/ Kw-hr	0.01 g/ Kw-hr
2.	SO_2	IS: 11255 (Part 2)- 1985; Reaff 2019	g/ cu.m	85 g/hr (0.5% by mass)	20.7 g/hr.
3.	NO_2	IS: 11255 (Part 7)- 2005; Reaff 2017	mg/N cu.m	≤4.0 g/ Kw-hr (NOx+ *HC)	0.03 g/ Kw-hr
4	CO	IS: 13270 :1992(Reaff 2009)	%	≤3.5 g/ Kw-hr	-
5	CO_2	IS: 13270 :1992(Reaff 2009)	%	-	-
6	O_2	IS: 13270 :1992(Reaff 2009)	%	-	-

End of Report

Note:

- This report relates to the tested sample only for various parameters, as observed at the time of sampling. It should not be reproduced wholly or in part without the prior written permission of the Laboratory.
- The test samples shall be destroyed after two weeks from the date of issue of test report, unless otherwise specified.
- Responsibility of laboratory is limited to the invoiced amount only.

For Sawen Projects & Laboratories Pvt. Ltd.

(Satyendra Singh)
Authorized Signatory

Total Environment Services

ANNEXURE-10

(Ground Water Monitoring report)

SAWEN PROJECTS & LABORATORIES PVT. LTD.

PAN INDIA

Regd. Off: 409-A, Sahara Shopping Centre, Ayodhya Road, Lucknow - 226016 (U.P.)
Contact: 0522 - 4574575, 2341312, 4235437 **Mobile:** 7379444471 - 72 - 73, 7007012249
Website: www.sawenconsultancyservices.com **E-mail:** splpl.lko@gmail.com,
E-mail: dr.rajesh_singh@yahoo.co.in, consultancy.sawens@yahoo.co.in, consultancy.sawens@gmail.com

ISO 9001 : 2008 OHSAS 18001:2007 Certified

CIN No.: U24233UP2009PTC037307

TEST REPORT

Report No.: SPLPL/WC/TR/24078C/24

Issue Date: 18.12.2024

Sample Location: Project Site

Sample collected on: 02.12.2024

Sample received on: 02.12.2024
Date of Test: 02.12.2024-17.12.2024

Source: Ground Water

Quantity: 2 liters

Sampling Done By: Mr. Dhirendra

Sampling Procedure No.: SPLPL-SOP-18

Type of test carried: Physico-Chemical Test
Nature of Sample: Clear Water

Packing seal & signature: Received in Plastic Bottle

Condition of the sample: Clear Water

Client's Name and Address: M/s Shalimar Sky Garden, Vibhuti Khand, Gomti Nagar, Lucknow.

S. No.	PARAMETER TESTED	UNITS	RESULT	Requirement (Acceptable Limit) (IS 10500:2012) Second Revision	Permissible Limit in the Absence Alternate Source (IS 10500:2012) Second Revision	TEST PROTOCOL
01	Color, Max	Hazen units	<5.0	5	15	2120 B APHA 24th Ed. 2023
02	pH Value	-	7.48	6.5-8.50	No Relaxation	4500-H+ B. APHA' 24th Ed. 2023
03	Electrical Conductivity	µs/cm	779.3	-	-	2510 B. APHA' 24th Ed. 2023
04	Turbidity, Max	NTU	<0.2	1	5.0	2130 B APHA' 24th Ed. 2023
05	Total Dissolved Solids, Max	mg/l	402	500	2000	2540 D. APHA' 24th Ed. 2023
06	Total Hardness (as $CaCO_3$), Max	mg/l	192	200	600	2340 C APHA' 24th Ed. 2023
07	Calcium (as Ca), Max	mg/l	40.03	75	200	3500 B. APHA' 24th Ed. 2023
08	Magnesium (as Mg), Max	mg/l	26.9	30	No Relaxation	3500-B. APHA' 24th Ed. 2023
09	Total Alkalinity (as $CaCO_3$), Max	mg/l	197	200	600	IS 3025(Part 23)1986
10	Chloride (as Cl-), Max	mg/l	35.5	250	1000	4500 -Cl- B. APHA' 24th Ed. 2023
11	Sulphate (as SO_4-), Max	mg/l	72.8	200	400	4500-SO_4^{2-} E 24th Ed. 2023
12	Nitrate (as NO_3-), Max	mg/l	10.2	45	No Relaxation	4500-NO_3- B APHA 24th Ed. 2023
13	Iron (as Fe), Max	mg/l	0.12	1.0	No Relaxation	3500 Fe-B APHA' 24th Ed. 2023
14	Fluoride (as F-), Max	mg/l	0.11	1.0	1.5	4500-F- APHA 24th Ed. 2023
15	Copper (as Cu), Max	mg/l	<0.1	0.05	1.5	3500-Cu-B APHA 24th Ed. 2023
16	Total Chromium (as Cr+6), Max	mg/l	<0.05	0.05	No Relaxation	3500-Cr-B APHA 24th Ed. 2023
17	Zinc (as Zn), Max	mg/l	0.55	5	15	3500 Zn-C APHA 24th Ed. 2023
18	Manganese (as Mn), Max	mg/l	<0.1	0.1	0.3	3500 Mn APHA 24th Ed. 2023
22	Total Phosphate (as PO_4-P)	mg/l	<0.01	-	-	4500 PD APHA 24th Ed. 2023
26	Boron (as B), Max	mg/l	<1.0	0.5	1.0	IS 3025 (Part 57)
27	Ammonia (as total ammonia- N), Max	mg/l	<5.0	0.5	No Relaxation	IS 3025 (Part 34)
28	Cadmium (as Cd), Max	mg/l	<0.001	0.003	No Relaxation	3500-Cd- APHA '24th Ed. 2023

Notes:

- This report refers only to the particular job/ submitted for testing. It should not be reproduced except in full.
- Unused balance of samples shall be destroyed after one month from the date of issue of test report, unless otherwise specified.

Interpretation: The tested water sample does confirm to IS: 10500-2012 Drinking Water Specification (Second Revision) and all amendments thereof, w.r.t. testedparameters no.

For Sawen Projects & Laboratories Pvt. Ltd.

(Satyendra Singh)
Authorized Signatory

ANNEXURE- 11

(Noise Monitoring report)

SAWEN PROJECTS & LABORATORIES PVT. LTD.

PAN INDIA

Regd. Off: 409-A, Sahara Shopping Centre, Ayodhya Road, Lucknow - 226016 (U.P.)
Contact: 0522 - 4574575, 2341312, 4235437 Mobile: 7379444471 - 72 - 73, 7007012249
Website: www.sawenconsultancyservices.com E-mail: splpl.lko@gmail.com,
E-mail: dr.rajesh_singh@yahoo.co.in, consultancy_sawens@yahoo.co.in, consultancy.sawens@gmail.com
ISO 9001 : 2008 OHSAS 18001:2007 Certified CIN No.: U24233UP2009PTC037307

Dedicated to Environment
Clean & Green

TEST REPORT
Ambient Air Quality Analysis

Sample Code: AQ-SPLPL-2403A
Sample Description: Ambient Air
Monitoring Location: 6m from Main Gate No. 01
Date of Monitoring: 02.12.2024-03.12.2024
Date of Analysis: 03.12.2024-18.12.2024
Average Flow Rate of Manometer (m^3/min): 1.1
Average Flow Rate of Rotameter (lpm): 0.5
Land Use at Location: Residential

Report No.: SPLPL/AQ/TR/2403A /24
Issue Date: 18.12.2024
Monitoring done by: Mr. Dhirendra
Sampling Plan & Procedure: SPLPL-SOP-AQ-34
Sampling Time: 24 hrs.
Ambient Temperature (°C): 22
Weather Conditions: clear sky
Remarks (if any): none

Client's Name and Address: M/s Shalimar Sky Garden, Vibhuti Khand, Gomti Nagar, Lucknow.

S.NO.	PARAMETER TESTED	TEST PROTOCOL	UNIT	RESULT	NATIONAL AMBIENT AIR QUALITY STANDARDS (VIDE CPCB NOTIFICATION FOR G.S.R. 826 (E) DATED 16.11.2009)
1.	PM (10)	IS: 5182 Part 23	µg/m³	96.8	100
2.	PM (2.5)	SOP-AAQ-21B	µg/m³	40.7	60
3.	SO_2	IS: 5182 Part II	µg/m³	6.22	80
4.	NOx	IS: 5182 Part VI	µg/m³	26.5	80

End of Report

Note:

- This report relates to the tested sample only for various parameters, as observed at the time of sampling. It should not be reproduced wholly or in part without the prior written permission of the Laboratory.
- The test samples shall be destroyed after two weeks from the date of issue of test report, unless otherwise specified.
- Responsibility of laboratory is limited to the invoiced amount only.

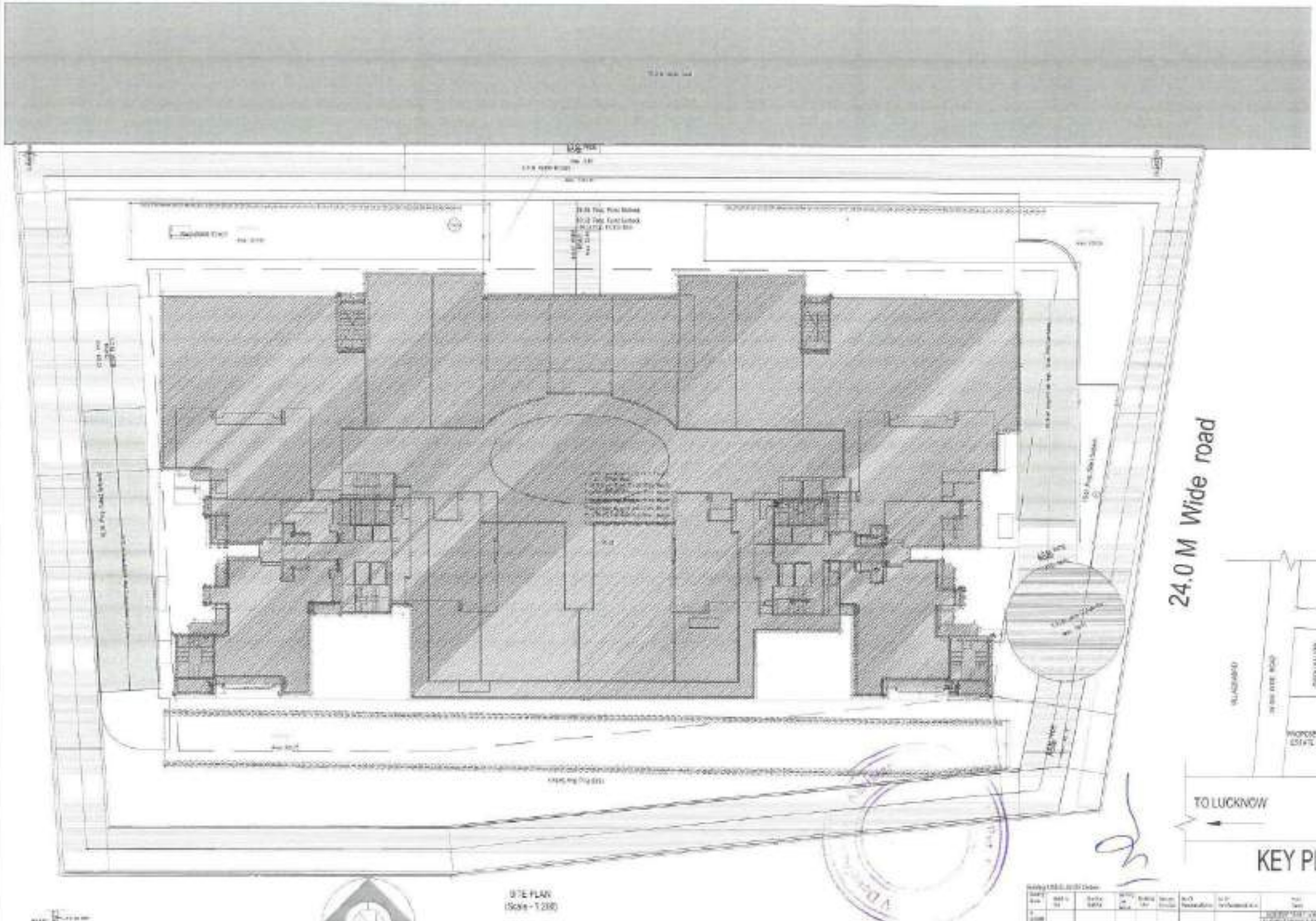
For Sawen Projects & Laboratories Pvt. Ltd.

(Satyendra Singh)
Authorized Signatory

ANNEXURE- 12

(Approved Layout)

Project Title: PROPOSED SUPREME REAL ESTATE DEVELOPERS PVT. LTD. THROUGH SIGNATORY AUTHORITY SHEO JANAM CHAUDHARI SITUTATED AT PLOT NO. 47 & 48 VIBHUTI KHAND, GOMTINAGAR SCHEME LUCKNOW.



SITE PLAN
(Scale - 1:200)

KEY PLAN

RAGHAVA ARCHITECTS

Architecture-Structure- Interiors -Valuers-Vastu

HEAD OFFICE:-

PLOT NO.:- CS-9, SECOND FLOOR, COMMERCIAL MARKET
GYAN KHAND -II, INDIRAPURAM, GHAZIABAD (UP) INDIA
(NEAR ST. THOMAS SCHOOL)

E mail :- raghavaarchitects@gmail.com, Mob :- 9818370718

ISO A0 (841.00 x 1189.00 MM)

ANNEXURE- 13

(DMP)

Need of risk assessment and disaster management plan

A comprehensive risk assessment study is needed pertaining to the following observations:-

- ☞ The project would employ large number of labours who would work on great heights that would involve high amount of risk.
- ☞ The construction of the proposed group housing project would involve the use of heavy machines that would increase the risk of injuries.
- ☞ Open dumping of wastes during construction phase would increase the risk of disease outbreak.
- ☞ The construction and operation phase of the project would involve sophisticated electrical and electronic equipments that would pose danger of short circuit and fire.
- ☞ Emergency medical services need to be ready always to cater such big populations.

Risks and preventive measures

The following table summarizes the risks that would be involved during the construction and operation phase of the project along with the preventive measures.

Involved risks and preventive measures

S.no.	Risks	Preventive and control measures
1	1. Muscle injury for workers during material handling 2. Muscle injury to residents and visitors	1. Exercise/warm up 2. Mutual help 3. Breaks and rest 4. Emergency medical services
2	Falls and accidents related to manual movements	1. Guardrails 2. Clean and clear surface 3. Avoidance of sharp corners 4. Provision of adequate walking space 5. Provision of adequate road area for congestion free vehicular movement 6. Emergency medical services
3	Short circuit of electrical equipments	1. Use of superior quality circuit breaker panel instruments 2. Use of wires of justified thickness and amperage capacity 3. Avoidance of overloading 4. Avoiding open air pockets in electrical wiring zones 5. Regular servicing of big electrical instruments 6. Use of correct socket for particular electrical instrument 7. Provision of sand buckets and fire fighters 8. Emergency medical services
4	Injury to workers during construction	1. Provision of head and ear protecting gears for the workers 2. Provision of face mask for the workers 3. Provision of good quality cables and support for material and man handling 4. Provision of eye protecting equipments for welders 5. Provision of training to unskilled labour 6. Emergency medical services
5	Injury related to ladders	1. Provision for footing 2. Three point contact 3. 4:1 angle

		4. only for access and not for work 5. Must be positioned out of drive ways 6. Not for carrying loads 7. Provision for regular inspection and maintenance of the ladders 8. Emergency medical services
6	Trench collapse and falls during excavation	1. Soil stability must be known 2. Avoidance of water accumulation 3. Excavation of material 600mm from the edges 4. Provision for traffic control 5. Emergency medical services
7	Fire hazards during welding	1. Proper protective gear for welders 2. Cylinders must always be kept in upright position 3. Cylinders must not be subjected to shock, impact or vibrations 4. Provision of proper circuit breaking equipments in case of electric arc welding 5. Provision of fire extinguishers and sand buckets 6. Emergency medical services
8	LPG leaks	1. Use of good quality gas regulators 2. Cylinder must be kept in upright position 3. Cylinder must be kept away from impacts and vibrations 4. Regulators must be regularly checked 5. Fire extinguishers and sand buckets 6. Emergency medical services
9	Refrigerant leak from ACs	1. Refrigerant filling at appropriate pressure 2. Regular checks 3. Emergency medical services
10	Noise	1. Provision of appropriate ear protecting equipments for workers 2. Creation of awareness among residents to curb undue noise 3. Maintenance of proper greenbelt and plantation

There is fire hydrant system provided in water supply line. Other fire norms will be provided as per guidelines of NBC if necessary.

ANNEXURE- 14

(EMP)

ENVIRONMENTAL MANAGEMENT PLAN

1. INTRODUCTION

The Environmental Management plan is a site specific plan developed to ensure that the project is implemented in an environmentally sustainable manner and understand the potential environmental risks arising from the proposed project and take appropriate actions to minimize those risks. EMP also ensures that the project implementation is carried out in accordance with the planned design and by taking appropriate mitigation actions to reduce adverse environmental impacts during project's life cycle. The potential environmental impacts, which need to be regulated, are mentioned below:

- Air pollution due to the emission of particulate matter and gaseous pollutants from operation of D.G. Sets during power failure and vehicular movement;
- Noise pollution due to various noise generating equipment as well as vehicular movement
- Water resource management to ensure continuous water supply
- Waste water generation from sanitary/domestic activities; and
- Generation of municipal solid wastes from residences, shops.
- Maintenance of roads, parks, common areas including constructional, electrical and plumbing wastes.
- Energy conservation methods
- Maintenance of Building Management Systems and emergency aids.
- Occupational health hazards
- To ensure better environment in & around the project site, effective EMP is developed separately for construction and operational phase.

Objectives: The objectives of the EMP are to:

- Promote sustainable development by encouraging conservation and mitigation of significant negative impacts to the natural and social environments.
- Inform the Contractor, Supervisor, Project engineer, and Proponent about their roles and responsibilities regarding environmental management in the project.
- Identify specific actions to be taken by each role player to prevent or minimize negative significant impacts to the natural and social environments.
- Identify laws, regulations and standards that are applicable to the environmental management of this project.

- Describe monitoring and verification procedures to be employed by the Supervisor and Project engineer to ensure that the Contractors comply with all requirements of the EMP.

2. CONSTRUCTION HAZARDS

Construction hazards consists of physical, mechanical, electrical, fire, chemical, biological, etc.

Table 1: Construction Hazards type, source and its Management Practices

Sl. No.	Activity	Mitigation Measures
1	**Establishment of workers camp, material storage, work areas and parking areas**	**AIR** ➢ Site barricading before the commencement of construction work. ➢ Proper maintenance of equipment, including DGs set/s. ➢ Vehicles to be covered in case they are carrying construction materials or the like ➢ Vehicles to be well maintained to not release objectionable fumes ➢ Liquid fuels or electricity to be provided to workers by the contractor ➢ No fuel wood burning **WATER** ➢ Construct toilets for workers @ one toilet / 20 workers. ➢ Establish a septic tank with soak pit before the commencement of construction and connect each toilet to the septic system. ➢ Proper pest control, use of nets and regular Monitoring **NOISE** ➢ Site barricading before the commencement of construction work ➢ Implementation of no-honking rules (except abnormal conditions) ➢ Vehicles with warning lights ➢ Roads on the construction site to have a median/partition for segregation of incoming and outgoing vehicles. ➢ Ensure proper maintenance and operation of DG set/s **SOIL** ➢ Follow C&D Waste Management Plan

		RISK/HAZARD ➢ Follow Occupational Safety and Health Management Plan (OHSMP) ➢ Location of the camps should be at an elevation higher than the High Flood Level (HFL) of the River.
2	**Establishment of stores, warehouse and parking areas**	**WATER REGIME** ➢ Extract as per the EC issued on the EIA report. **RISK HAZARD** ➢ Pre-project job safety analysis to be done ➢ Worker safety training before commencement of work; use of personal protective equipment (PPE) as required. ➢ Preparation and implementation of OHSMP. ➢ Location of the equipment should be at an elevation higher than the HFL.
3	**Installation/establishment of Flood warning system**	**FLOOD RISK HAZARD** ➢ Construction of temporary gabion wall near the camp area and project start point. ➢ Designation of assembly points. ➢ Formulation of evacuation plan and Emergency response team. ➢ Identification of Flood monitoring stations at two locations extending beyond the project area
4	**Preparing roads for access to site and management of traffic**	**AIR** ➢ Ensure that road construction up to the construction site are sprinkled. ➢ Vehicles to be well maintained to not release objectionable fumes; ➢ Preparation and implementation of a Traffic and Safety Management Plan to ensure smooth traffic flow of project-related vehicles as well as other vehicles. **WATER** ➢ Provision of barriers drains to arrest such water runoff **NOISE** ➢ To maintain vehicles as per their maintenance schedule; ➢ limit access road construction working hours

		to daytime only **ECOLOGY** ➢ Provision of catch Pits/sedimentation tanks ➢ Provision of barriers drains to arrest such water runoff; **RISK/HAZARD** ➢ Pre-project job safety analysis to be done ➢ Worker safety training before commencement of work ➢ Use of Personal Protective Equipment (PPE) as required. ➢ Preparation and implementation of Occupational Safety and Health Management Plan (OHSMP) ➢ Preparation and implementation of a Traffic and Safety Management Plan to ensure smooth traffic flow of project-related vehicles as well as other vehicles. **FLOOD/BACKWATERS** ➢ Proper planning and development of the outfalls and their connection to the River **NOISE** ➢ to maintain vehicles as per their maintenance schedule; ➢ limit access road construction working hours to daytime only **ECOLOGY** ➢ Provision of catch Pits/sedimentation tanks ➢ Provision of barriers drains to arrest such water runoff; **RISK/HAZARD** ➢ pre-project job safety analysis to be done ➢ worker safety training before commencement of work ➢ Use of Personal Protective Equipment (PPE) as required. ➢ Preparation and implementation of ➢ Occupational Safety and Health Management Plan (OHSMP) ➢ Preparation and implementation of a Traffic and Safety Management Plan to ensure smooth traffic flow of project-related vehicles as well as other vehicles.
		LAND

5	**Solid Waste Management - Generation of Solid Wastes, Construction wastes and scrap**	➢ Ensure closed dust bins/waste containers ➢ Implement provisions of Solid Waste Management Regulation 2016. **WATER** ➢ Provision of drains with traps ➢ Provision of storm water drains in the facility ➢ Clean-up of spillages **SOIL/LAND** ➢ Provision of impervious floors in the facility **RISK/HAZARD** ➢ Ensure closed dust bins/waste containers ➢ Implement provisions of Solid Waste Management Regulation 2016 ➢ Preparation and implementation of OHSMP ➢ Ensure proper collection and disposal of Municipal Solid Waste.
6	**Removal of staff housing, equipment, labour camps and all temporary structures safely from the project site**	**WATER** ➢ Ensure that the decommission procedure clean-up of spillage ➢ Securing of wastes and their sale/disposal to authorized dealers/landfill or suitable disposal site. **NOISE** ➢ Provision of Noise barriers & enclosures ➢ Provision of earplugs ➢ Establish and supervise a waste collection and removal plan ➢ Comply with National Environmental Standards and International Good Practices. **RISK/HAZARDS** ➢ Follow the Occupational Safety and Health Management Plan (OHSMP)

3. SOLID WASTE MANAGEMENT PLAN

Solid waste	Operation Phase
Quantity of solid waste	**MSW: 1117 kg/day**
Nature of solid waste	Organic waste: Waste vegetables and foods etc. Inorganic waste: Papers, cartons, Thermocol, plastics, polythene bags, glass etc.

Solid waste	Operation Phase
Collection disposal and Treatment of Municipal waste (as per Solid Waste Management Rules, 2016)	The solid waste will be segregated into organic waste & inorganic waste & collected into separated bins. Organic waste will be treated in onsite organic waste converter. All the waste will be picked by the municipal corporation for further treatment and disposal.
Collection disposal and Treatment of e-waste (as per E- Waste (Mgt.) Amendment Rules, 2018)	E-waste will be handed over to authorized dealers.
Recycling	The inorganic wastes comprising recyclable materials, such as paper, plastic, glass etc., will be sold to registered recyclers.

- Door to door collection system through service lifts shall be provided for solid waste collection.
- Adequate number of colored bins (green and Blue - separate for Bio-degradable and Non-Biodegradable) are proposed to be provided.
- Generated Solid waste will be segregated & collected and temporarily stored at common solid waste collection center inside the project premises for having a capacity of 48 hour garbage storage, then picked up by hired waste management/municipal agency for treatment and disposal.
- Recyclable waste will be sold to authorized agencies.
- Hazardous waste (Spent Oil) & e-waste will be stored at separate place and handover to authorized dealers of CPCB.
- Biodegradable waste material will be processed at site through organic waste converter and manure will be utilized within the complex.

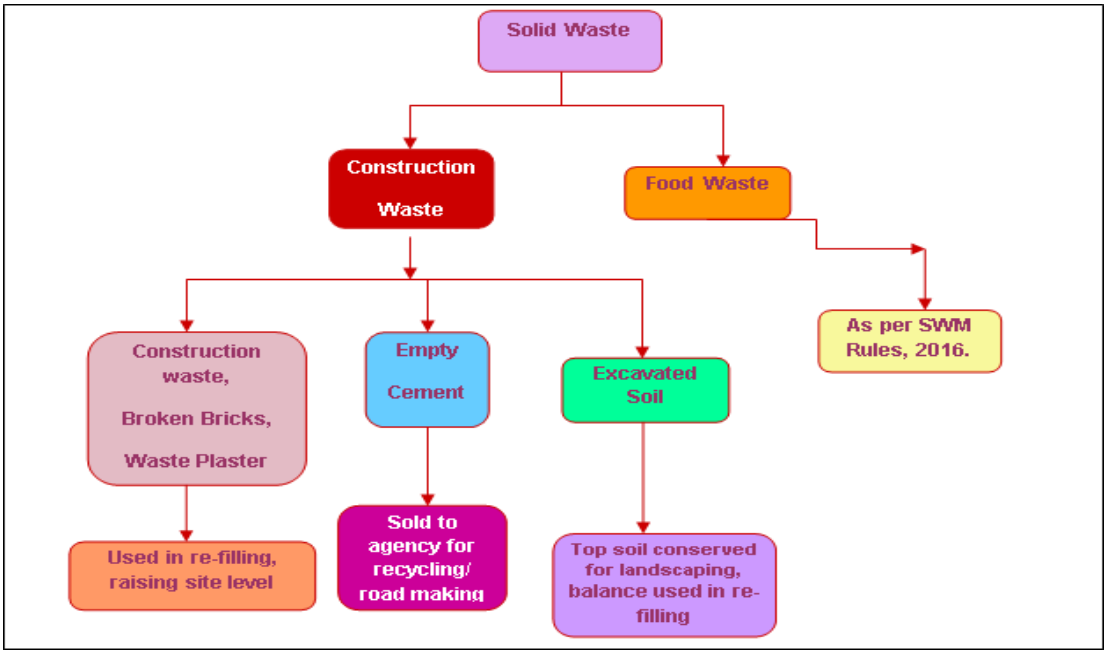


Figure 1: Waste Management Flow Diagram (Construction Phase)

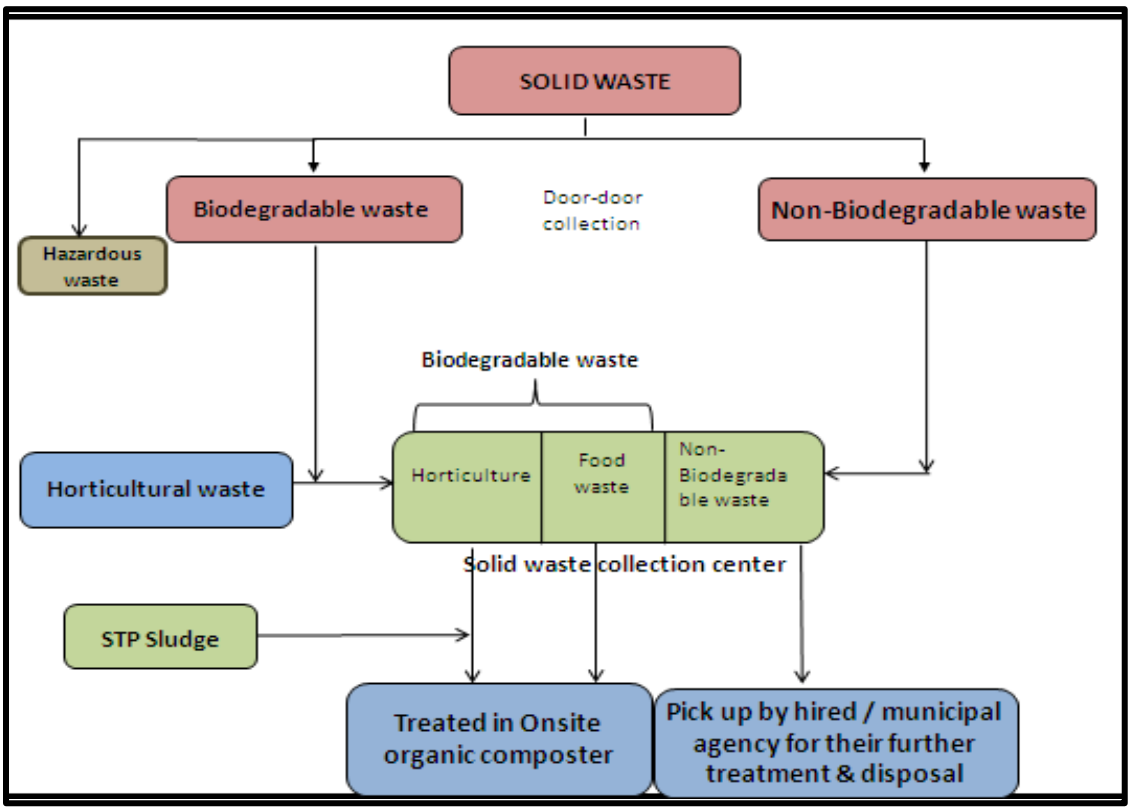


Figure 2: Waste Management Flow Diagram (Operational Phase)

4. GREEN BELT PLAN

Plant grown in such a way so as to function as pollutant sinks are collectively referred as greenbelts. These plants should also provide an aesthetic backdrop for persons using the site and for the surrounding community.

General principles in greenbelt design considered for this study area:

- Type of pollution likely air, noise, water and land pollution generated from the activities at the site.
- Agro-climatic zone and sub-zone where the greenbelt is located
- Water quantity and quality available in the area
- Soil quality in the area.

Green belt is designed to minimize the predicted levels of the possible air and noise pollutants. While designing the scheme the following facilities are considered:

- Site perimeter and approach road
- Along the internal roads
- In and around the office area.

Greenbelt Management

It is presumed that the selected plants will be grown as per normal horticultural practice and the authorities responsible for the plantation will make adequate provisions for water and protection of the saplings. A budgetary cost estimate is also prepared for greenbelt development.

Water Source

Tertiary treated water will be used and also water tankers at the initial stages of development of the plant.

5. EMP FOR ENERGY CONSERVATION

Energy conservation program will be implemented through measures taken both on energy demand and supply sides. Energy conservation will be one of the focuses during the project planning and operation stages. The conservation efforts would consist of the following.

Architectural Design

1. Public areas will be cooled by natural ventilation as opposed to air conditioning.
2. Maximization of use of natural lighting and achieve minimum glazing factor through building design.
3. Passive solar cooling, utilizing building shading through overhangs.
4. Ensure that building envelope measures (Solar Heat Gain Coefficient (SHGC), Window Glazing U-value, and Overall Roof Assembly U-value) meet the baseline criteria of ECBC/IGBC/GRIHA.

5. Ensure that the interior, exterior, common and parking area lightening power densities (LPD) meet the baseline values through 'building area method' *(Ref ECBC)*
6. Strategies include building orientation towards the north, appropriately designed windows to ensure day lightening, double height roof, etc.
7. Design of open able areas (doors or windows), in all regularly occupied spaces of each dwelling unit providing adequate air ventilation.
8. Design of exhaust systems in kitchen and bathrooms providing adequate fresh air ventilation.
9. Adequate cross ventilation in design

6. ENERGY SAVING PRACTICES:

- Promoting use of solar power for water heating, street light and open area.
- Use of energy efficient appliances.
- Constant monitoring of energy consumption and defining targets for energy conservation.
- Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels.
- Sunscreen films on windows to reduce heating inside buildings.

7. ENVIRONMENT MANAGEMENT SYSTEM AND MONITORING PLAN

Environment Management System

For the effective and consistent functioning of the proposed housing complex an Environmental Management System (EMS) shall be established at the site. The EMS shall include the following:

- An Environmental Management Cell (EMC)
- Environmental Monitoring – Personnel Training
- Regular Environmental Audits and Corrective Action
- Documentation
- Standard Operating Procedures, Environmental Plans and other records.

8. COMPOSITION OF ENVIRONMENTAL MANAGEMENT CELL

Environmental Management Cell (EMC)

The responsibilities of the various members of the environment management cell are given in following table:

Table 2: Environmental Management Cell

Sl. No.	Designation	Proposed Responsibility
1.	President of Society	Overall responsibility for environment management and decision making for all environmental issues
2.	Secretary	Hires a consultant and fulfils all legal requirements as per MoEF/ UPPCB/ CPCB

3.	Supervisor	Ensure environmental monitoring as per appropriate procedures

9. ENVIRONMENTAL MONITORING

The purpose of environmental monitoring is to evaluate the effectiveness of implantation of Environmental Management Plan (EMP) by periodically monitoring the important environmental parameters within impact area, so that any adverse effects are detected and timely action can be taken.

In consultation with the Uttar Pradesh Pollution Control Board (UPPCB) and MoEF, the project proponents will monitor ambient air quality, noise levels, groundwater quality and quantity, soil quality and solid wastes in accordance with an approved monitoring schedule. The monitoring protocol and location selection will have to be done carefully. The monitoring sampling program will be discussed and approved by UPPCB.

The construction phase monitoring and post project monitoring plan including areas, number and location of monitoring stations; frequency of sampling and parameters to be covered is summarized in the Tables below. The monitoring will be the responsibility of EMC.

The post operational monitoring program will be under the supervision of the Site Engineer at the project site. Monitoring will be carried out by recognized laboratories. The conditions mentioned in E.C and N.O.C. will be taken due care while post-construction monitoring.

Table 3: Environmental Monitoring Plan (Compliance) – Construction & Operation Phase

Source	**Monitoring Location**	**Parameters to be monitored**	**Frequency**
Ambient Air Quality	2 samples covering whole site	PM_{10}, $PM_{2.5}$, SO_2, NO_x	Twice a year as per MoEF requirement.
Ambient Noise	2 samples covering whole site	Day and Night equivalent noise level	Twice a year as per MoEF requirement.
DG Set noise	As per no. of DG Set at the site	As per CPCB Guidelines & Indian Standards: 9989	Twice a year as per MoEF requirement.
DG set emissions	DG stacks	PM, SO_2, NO_2, H/C	Twice a year as per MoEF requirement.
Groundwater	At least one location	IS:10500 (drinking water standards)	Twice a year as per MoEF requirement.
Soil	1 sample (composite)	As per standards	Twice a year as per MoEF requirement.
STP (Treated Water)	1 sample	As per standards	Twice a year as per MoEF requirement.

10. AWARENESS AND TRAINING

Training and human resource development is an important link to achieve sustainable operation of the facility and environmental management. For successful functioning of the project, relevant EMP shall be communicated to the following groups of people.

The posters, signage and awareness materials are displayed at the appropriate project site. Some of these materials are for public awareness, some are for traffic and pedestrian direction and some are cautionary signs. These materials are put up at appropriate locations where and when necessary so that workers, public and all concerned are aware of what one should do while entering the work place or the office premises.

Table 4: List of Signage/Posters on display

Sl. No.	Posters/Signs/labels on display	Sl. No.	Posters/Signs/labels on display
1.	PPE awareness	23	Speed limit
2.	Electrical safety	24	Speed bumps
3.	Environment Safety Posters	25	Waste management
4.	Lifting and rigging	26	Crane and rigging safety
5.	DG Safety Poster	27	Barricade Zone
6.	Fire extinguishers (PASS)	28	Harness Safety
7.	Reverse handling/driving	29	Helmet Safety
8.	Cement bund/aggregate bund	30	Safety Signs and their meanings
9.	"Family Waiting For You" sign	31	Human machine interface
10.	Hand Safety	32	Safety shoes
11.	Material handling	33	Assembly Points
12.	Equipment handling	34	Fire exits
13.	Road based Signs (i.e. Diversion, road conditions etc.)	35	No car washing
14.	Cylinder storage and safety	36	No honking
15.	No smoking	37	Cautionary signs
16.	Fire bucket	38	Workshop based signs
17.	Office, Mess, Washroom, Kitchen, toilets etc. (labels)	39	Office vehicle stickers
18.	Deep excavation	40	Barricades
19.	Men and women at work	41	Contacts points
20.	Mandatory PPE	42	HSE contact personals

21.	Monthly HSE Summary	43	Body De-hydration signs
22.	Place tag	44	Project Details & Location

11. RECORD KEEPING AND REPORTING

Record Keeping and reporting of performance is an important management tool for ensuring sustainable operation of the complex. Records shall be maintained for regulatory, monitoring and operational issues.

11.1 Environmental Audits and Corrective Action Plans

To assess whether the implemented EMP is adequate, periodic environmental audits will be conducted by the Environmental Division. These audits will be followed by corrective action plans (CAP) to correct various issues identified during the audits.

11.2 Maintenance of Proposed Project

1. The dedicated team shall be deployed for upkeep and maintenance of group housing.
2. The project maintenance cell shall be situated near main gate in the main receiving station group housing. It shall be managed by 24 hours.
3. The security of the project will be assigned to a private security agency. Entrances shall be guarded by security guards for 24 hours, if in use.
4. The power consumption for lifts, pump house, street lighting and other common services shall be separately metered and charged to the occupants on monthly basis.
5. Expenditure on maintenance of lift, parks and substation equipment including replacement of bulbs and tubes for street lighting and common area will also be charged to the occupants.
6. Services like collection and disposal of garbage, sweeping of area, maintenance of drains and sewer lines shall be assigned to expert agencies and would be charged to the occupants.

12. EMP BUDGET

The budget provisions have been kept in the project cost towards the environmental protection, control & mitigation measures and implementation of the EMP, both during the construction and operation phase.

Table 5: EMP Budget

Sl.No.	Particulars	Capital Cost (Rs in Lakhs)	Recurring Cost (Rs in Lakhs/Year)
1.	**RWH Pits**	10	2
2.	**Solid Waste Management**	25	7
3.	**STP**	300	20
4.	**Environmental Monitoring**	-	2
5.	**Horticulture & Green Belt**	15	8
6.	**Fire Fighting**	35	10
7	**Health, Safety & Miscellaneous**	15	5
Total		**400**	**54 Lakhs/year**

ANNEXURE- 15

(Tree Cutting Permission)

कार्यालय दूरभाष सं0 0522–2716723
ई–मेल : dfolucknow@gmail.com
dfolu-up@nic.in

कार्यालय प्रभागीय वनाधिकारी, अवध वन प्रभाग, उ0प्र0, लखनऊ।
पत्रांक 4517 /22–10, लखनऊ, दिनाँक 14/12/2023।

सेवा में,

श्री आरिफ अहमद पुत्र श्री अतीक अहमद
निदेशक,
सुप्रीम रियल स्टेट डेवलपर्स प्रा0लि0
निवासी–एम0आई0जी0–4 एल0डी0ए0 कालोनी ऐशबाग
राजेन्द्रनगर लखनऊ।

विषयः– भूखण्ड सं0–टी.सी. 47 व 48 विभूतिखण्ड गोमतीनगर लखनऊ में स्थित विभिन्न प्रजाति के 149 हरे खड़े वृक्षों की पातन अनुमति के सम्बन्ध में।

संदर्भः– इस कार्यालय पत्रांक 3590/22–10, दिनांक 06–11–2023 एवं आपका पत्रांक–SRED/DFO/2023/11 दिनांक 08–12–2023.

उपरोक्त विषयक संदर्भित पत्रों के कम में भूखण्ड सं0–टी.सी. 47 व 48 विभूतिखण्ड गोमतीनगर लखनऊ में स्थित विभिन्न प्रजाति के 149 हरे खड़े वृक्षों के पातन अनुमति हेतु उ0प्र0 वृक्ष संरक्षण अधिनियम–1976 (यथा–संशोधित) एवं उ0प्र0 शासन पर्यावरण, वन एवं जलवायु परिवर्तन अनुभाग–5 की शासनादेश संख्या 24/81–5–2020–07–93, दिनांक 07.01.2020 के प्राविधानों के अन्तर्गत क्षतिपूरक धनराशि हेतु डी0डी0 सं0–004252 दिनांक 08–12–2023 रू0 4571171.00 एवं पातन अनुमति/मूल्यांकन शुल्क हेतु डी0डी0 सं0–004253 दिनांक 08–12–2023 रू0 19370.00 (एच.डी.एफ.सी. बैंक लखनऊ) इस कार्यालय को उपलब्ध कराया गया है।

उप प्रभागीय वनाधिकारी मोहनलालगंज एवं क्षेत्रीय वन अधिकारी शहरी की जाँच आख्या एवं संस्तुति के अनुसार विषयक स्थल पर स्थित विभिन्न प्रजाति के 149 हरे खड़े वृक्षों की पातन अनुज्ञा आपको इस प्रतिबन्ध के साथ प्रदान की जाती है, कि उक्त वृक्षों के अतिरिक्त अन्य वृक्षों को किसी प्रकार की कोई क्षति नही पहुँचायी जायेगी। किसी भी प्रकार के विवाद की स्थिति में अथवा अवैध कटान होने पर पूर्ण उत्तरदायित्व आपका होगा।

उक्त 149 वृक्षों की पातन हेतु अवधि दिनांक 30–01–2024 तक अनुमन्य होगी। प्रकाष्ठ के अभिवहन हेतु उ0प्र0 अभिवहन नियमावली–1978 का अनुपालन कराना होगा।

(डा0 रवि कुमार सिंह)
प्रभागीय वनाधिकारी,
अवध वन प्रभाग,लखनऊ।

पत्रांक– /22–10, तद्दिनाँकित.

प्रतिलिपि–निम्नलिखित को सन्दर्भित पत्रों के कम में सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषितः–

1– उप प्रभागीय वनाधिकारी मोहनलालगंज।
2– क्षेत्रीय वन अधिकारी शहरी को उनकी पत्र दिनांक 15–10–2023 के कम में इस निर्देश के साथ प्रेषित कि उक्त वृक्षों के अतिरिक्त अन्य वृक्षों का अवैध पातन न होने पायें साथ ही प्रकाष्ठ की निकासी नियमानुसार कराकर कृत कार्यवाही से अवगत कराना सुनिश्चित करें।

(डा0 रवि कुमार सिंह)
प्रभागीय वनाधिकारी,
अवध वन प्रभाग,लखनऊ।

ANNEXURE- 16

(EC Letter)

ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA), UTTAR PRADESH)

To,

The -1

SUPREME REAL ESTATE DEVELOPERS PRIVATE LIMITED

11th Floor, Titanium building, Shalimar Corporate Park, Plot No. TC-G-01/1, Vibhuti Khand, Gomti Nagar -226010

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/UP/INFRA2/445106/2023 dated 25 Sep 2023. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC24B038UP173623**
2.	**File No.**	8297
3.	**Project Type**	New
4.	**Category**	B
5.	**Project/Activity including Schedule No.**	8(a) Building and Construction projects
6.	**Name of Project**	Proposed Commercial Residential project "Shalimar Sky Garden" at Plot No. TC-47 & 48, Vibhuti Khand, Gomti Nagar, Lucknow-226010, Uttar Pradesh.
7.	**Name of Company/Organization**	SUPREME REAL ESTATE DEVELOPERS PRIVATE LIMITED
8.	**Location of Project**	UTTAR PRADESH
9.	**TOR Date**	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 09/02/2024

(e-signed)
Sanjeev Kumar Singh (IFS)
Member Secretary
SEIAA - (UTTAR PRADESH)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

This is a computer generated cover page.

Directorate of Environment, U.P.
Vineet Khand-1, Gomti Nagar, Lucknow- 226010
E-Mail- doeuplko@yahoo.com, seiaaup@yahoo.com
Phone no- 0522-2300541

Reference- MoEFCC Proposal no- SIA/UP/INFRA2/445106/2023 & SEIAA, U.P. & File no-8297

Sub: Environmental Clearance for Proposed Commercial Residential Project "Shalimar Sky Garden" at Plot No. TC-47 & 48, Vibhuti Khand, Gomti Nagar, Lucknow, M/s Supreme Real Estate Developers Pvt. Ltd.

Dear Sir,

This is with reference to your application / letter dated 25-09-2023, 17-10-2023, & 17-01-2024 on above mentioned subject. The matter was considered by 801th SEAC in meeting held on 18-11-2023 and 792nd SEIAA meeting held on 19-01-2024.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (India) Pvt. Ltd., Lucknow to SEAC on 06-06-2023.

Project Details Informed by the Project Proponent and their Consultant

The project proponent, through the documents and presentation gave following details about their project –

1. The environmental clearance is sought for Commercial Residential Project "Shalimar Sky Garden" at Plot No. TC-47 & 48, Vibhuti Khand, Gomti Nagar, Lucknow, M/s Supreme Real Estate Developers Pvt. Ltd.
2. Area details of the project:

Sl. No.	Description	Area (m^2)	Percentage/total
	Total Plot Area	13067.82	
2.	Net Plot Area (available)	13058.19	100%
3.	Green Area Required (since land purchased from LDA)	1305.81	10%
4.	Green Area Proposed	1759.20	13.46%
5.	Permissible Ground Coverage	5876.19	45.00%
6.	Proposed Ground Coverage	4809.60	36.83%
7.	Permissible FAR	26,116.38	2.0
8.	Permissible Paid FAR	13,058.19	1.0
9.	Total Permissible FAR area with Paid FAR	39,174.57	3.0
10.	Total Proposed FAR	39024.88	2.99
11.	Non-FAR Area Basement Balcony	 20,438.50 4256.15	
	Fire Tower & Mumty	1661.62	
	Lift Lobby & M/c room & Bridge	448.89	
	Total Non-Far Area	26684.46	
12.	Built up Area (FAR+Non FAR)	65709.34	
13.	Number of floors	2B+G+Podium+22	

14.	No. of towers	1	
15.	Height of the building	93.75 m	
16.	Total no. of Units Residential Retail shops @GF Retail shops @FF	 122 Units 12 nos 11 nos	
17.	Power Electric load	Power: 1750 KW	Source: Power Corporation
	Backup	DG Set Capacity:1500 KVA+1250 KVA	
18.	Parking Details Parking Required	339 ECS	
	Parking Proposed	433 ECS	

3. Land use details:

Sl. No	Details	Area(m^2)
1.	Ground Coverage	4809.60
2.	Green Area	1759.2
3.	Internal road circulation and other services	6489.39

4. Water requirement details:.

Sl. No.	Water Description	unit	Total Occupancy	Rate of water demand (lpcd)	Total Fresh Water (KLD)	Total Flushing /Recycled water (KLD)	Total Water Requirement (KLD)
1.	Residential	122 units	816	*Fresh Water @ 65 LPCD* *Flushing Water @ 21 LPCD*	53.50	17.50	71.00
2.	Visitors	--	85	*Fresh Water @ 5 LPCD* *Flushing Water @ 10 LPCD*	0.50	1.00	1.50
3.	Retail Shop Fixed		369	*Fresh Water @ 25 LPCD* *Flushing Water @ 20 LPCD*	9.50	7.50	17.00
	Floating		2421	*Fresh Water @ 5 LPCD* *Flushing Water @ 10 LPCD*	12.00	24.50	36.50
4.	Facility (Banquet & Restaurant)		150	*Fresh Water @ 25 LPCD* *Flushing Water @ 10 LPCD*	4.00	1.50	5.50
5.	Swimming				2.50		2.50

	Pool makeup water						
6.	Filter backwash WTP Swimming Pool				6.50 4.00		10.50
7.							
Total Domestic Water					92.50 Say 93.00	52.00	144.50 Say 145.00
8.	Landscape	1759.20 m^2	Non-monsoon @ 5l/m^2			9.0	9.00
			Monsoon @ 1l/m^2			2.0	2.0
					Grand Total (Non-Monsoon) = 154 KLD Grand Total (Monsoon) = 147 KLD		

5. Waste water details:

Fresh Water	93 KLD
Flushing	52 KLD
Horticulture / Landscape	9 KLD (Non Monsoon) 2 KLD (Monsoon)
Recycled water	105 KLD (Non Monsoon) 99 KLD (Monsoon)
Total Water Requirement	154 KLD (Non Monsoon) 147 KLD (Monsoon)
Total Waste Water Generation	130 KLD
Source of water – Municipal Water Supply/ Ground Water/Recycled water	
STP Capacity: 170 KLD (MBR)	

6. Proposed parking:

Required Parking	
Total no. of Parking Required (as per guidelines)	339 ECS
Parking Provided	
Total Parking Provided (Including Visitors Parking)	433 ECS

7. Solid waste details:

S. No.	Particulars	Population	Waste generated in kg/day
1.	Residential (@0.5kg/day)	816	408.0
2.	Visitors (@0.15kg/day)	85	12.75~13.0
3.	Retail (@ 0.25kg/day)	2690	672.5 ~ 673.0
4.	Facility (@0.15kg/day)	150	22.5~23.0
Total Solid Waste generated			1,117 kg/day
Horticulture Waste (@ .0037/m^2/day)			7.00 kg/day
E-Waste (0.15 kg/c/yr)			Approx. < 1 kg/day
STP sludge (0.04 kg/KLD of waste water)			7.00 kg/day

8. Power requirement details:

Power Requirement	
Source	UPPCL

Backup power supply arrangement	2 DG Set Capacity:1500 KVA+1250 KVA

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

Based on the recommendations of the State Level Expert Appraisal Committee Meeting (SEAC) held on 18-10-2023 the State Level Environment Impact Assessment Authority (SEIAA) in its Meeting held 19-01-2024 discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

1. The project proponent shall submit within the next 3 months the details of solar power plant and solar electrification details within the project.
2. The project proponent shall ensure to plant broad leaf trees and their maintenance. The CPCB guidelines in this regard shall be followed.
3. The project proponent shall submit within the next 3 months the details on quantification of year wise CER activities along with cost and other details. The CER activities should be related to mitigation of Environmental Pollution and awareness for the same like water harvesting pits and carbon sequestration parks / designed ecosystems .At least one school in the vicinity of project area should be provided with rooftop solar plant, toilets in public place or in school of nearby villages and if there is a girl's school then girls toilet properly equipped with overhead water tank should be constructed.
4. The project proponent shall submit within the next 3 months the details of estimated construction waste generated during the construction period and its management plan.
5. The project proponent shall submit within the next 3 months the details of segregation plan of MSW.
6. The project proponent shall ensure that waste water is properly treated in STP and maximum amount should be reused for gardening flushing system and washing etc. For reuse of water for irrigation sprinkler and drip irrigation system shall be installed and maintained for proper function. Part of the treated sewage, if discharged to sewer line, shall meet the prescribed standards for the discharge.
7. Under any circumstances untreated sewage shall not be discharged to municipal sewer line.
8. The project proponent will ensure that proper dust control arrangements are made during construction and proper display board is installed at the site to inform the public the steps taken to control air pollution as per air act 1981 (as amended) and the Construction and Demolition Waste Management Rules, CAQM guidelines.
9. A certificate from Forest Department shall be obtained that no forest land is involved and if forest land is involved the project proponent shall obtain forest clearance and permission of Central and State Government as per the provisions of Van Sanrakshan evam Samvardhan Adhiniyam,2023 and submit before the start of work.
10. If the proposed project is situated in notified area of ground water extraction, where creation of new wells for ground water extraction is not allowed, requirement of fresh water shall be met from alternate water sources other than ground water or legally valid source and permission from the competent authority shall be obtained to use it.
11. Provision for charging of electric vehicles as per the guidelines of GoI / GoUP should be submitted within the next 3 months.
12. PP should display EC granted to them on their website. 6-monthly compliance report should be displayed on their website and to be given every six month to residents / occupants of the building.
13. EC is granted with the condition that EC is valid only for the building plan which has been

submitted by PP for seeking EC. In case approved building plan is different from the one submitted for seeking EC then this EC will stand null and void.

14. The project proponent shall install organic bio converter.
15. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
16. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
17. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
18. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
19. The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
20. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
21. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
22. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
23. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water. The project proponent will submit revised water mass balance in the light of above to the directorate of Environment and the concerned regulatory authorities.
24. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
25. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
26. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. Statutory compliance:
    1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
    2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
    3. 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.
    4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
    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 the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
    7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
    8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
    9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
    10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
    1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
    2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
    3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 andPM25) covering upwind and downwind directions during the construction period.
    4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height).Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
    5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
    6. Wet jet shall be provided for grinding and stone cutting.
    7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
    8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.

9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
11. For indoor air quality the ventilation provisions as per National Building Code of India.

3. Water quality monitoring and preservation:
    1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
    2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
    3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
    4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
    5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
    6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
    7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
    8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
    9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
    10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
    11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
    12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
    13. All recharge should be limited to shallow aquifer.
    14. No ground water shall be used during construction phase of the project.

15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise monitoring and prevention:
    1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
    2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
    3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
    1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
    2. Outdoor and common area lighting shall be LED.
    3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
    4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

6. Waste Management :
    1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
    2. Disposal of muck during construction phase shall 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.
    3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
    4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
    5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
    6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
    7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
    8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
    9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
    10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

7. Green Cover:
    1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
    2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
    3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species

(planted). Area for green belt development shall be provided as per the details provided in the project document.

4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

8. Transport:
    1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
        a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
        b. Traffic calming measures.
        c. Proper design of entry and exit points.
        d. Parking norms as per local regulation.
    2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
    3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
    1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
    2. For indoor air quality the ventilation provisions as per National Building Code of India.
    3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
    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, crèche 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.
    6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. 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 approved 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 / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / 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 level, 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.

11. Miscellaneous:
    1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
    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 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.
    5. 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.
    6. 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.
    7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
    8. 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.
    9. 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).
    10. 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.
    11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
    12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
    13. 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.
    14. 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.

15. 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.

Concealing factual data and information or submission of false/fabricated data and failure to comply with any of the conditions stipulated in the Prior Environmental Clearance attract action under the provision of Environmental (Protection) Act, 1986.

This Environmental Clearance is subject to ownership of the site by the project proponents in confirmation with approved Master Plan for Lucknow. In case of violation; it would not be effective and would automatically be stand cancelled.

The project proponent has to ensure that the proposed site in not a part of any no-development zone as required/prescribed/identified under law. In case of the violation this permission shall automatically deemed to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this Clearance shall automatically deemed to be cancelled.

Further project proponent has to submit the regular 6 monthly compliance report regarding general & specific conditions as specified in the E.C. letter and comply the provision of EIA notification 2006 (as Amended).

These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006 including the amendments and rules made thereafter.

Copy, through email, for information and necessary action to –

1. **Additional Chief Secretary, Department of Environment, Forest and Climate Change, Government of Uttar Pradesh, Lucknow (email – psforest2015@gmail.com)**
2. **Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, 3rd Floor, Prithvi-Block, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 (email – sudheer.ch@gov.in)**
3. **Deputy Director General of Forests (C), Integ rated Regional Office, Ministry of Environment, Forest and Climate Change, Kendriya Bhawan, 5th Floor, Sector "H", Aliganj, Lucknow – 226020 (email – rocz.lko -mef@nic.in)**
4. **District Magistrate, Lucknow.**
5. **Member Secretary, Uttar Pradesh Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226010 (email – ms@uppcb.com)**
6. **Copy to Web Master for uploading on PARIVESH Portal.**
7. **Copy for Guard File.**

(Sanjeev Kumar Singh)
Member Secretary, SEIAA

ANNEXURE -17

(CONSTRUCTION WATER MONITORING REPORT)

SAWEN PROJECTS & LABORATORIES PVT. LTD.

Regd. Off. : 409-A, Sahara Shopping Centre, Faizabad Road, Lucknow-226016 (U.P.)
Telefax : 0522 - 2341312, 2344995, Mobile : 7379444471-75, 9450738044, 9415526310
Website : www.sawenconsultancyservices.com, E-mail : contact@sawenconsultancyservices.com
E-mail : consultancy_sawens@yahoo.co.in, splpl.lko@gmail.com, consultancy.sawens@gmail.com

Dedicated to Environment-clean & green

An ISO 9001 : 2015 Certified

CIN No.: U24233UP2009PTC037307

TC-5005

TEST REPORT

Sample Code No.: SPLPL-467BA
No. of Samples: 01
Sample Location: 8m from Project Site
Sample collected on: 16.04.2024
Sample received on: 16.04.2024
Date of Test: 16.04.2024-25.04.2024
Source: Construction water
Quantity: 2 liters

Report No.: SPLPL/WQ/TR/1728/24
Issue Date: 26.04.2024
Sampling Done By: Mr. Dhirendra
Sampling Procedure No.: SPLPL-SOP-1B
Type of test carried: Physico Chemical Test
Nature of Sample: Clear
Packing seal & signature: Plastic Bottle with seal and sign.

Client's Name and Address: M/s Shalimar Sky Garden, Vibhuti Khand, Gomti Nagar, Lucknow.

S. No.	PARAMETER TESTED	UNITS	RESULT	Permissible Limit (IS 456: 2000)	TEST PROTOCOL
1	pH	--	7.24	--	4500-H+ B, APHA' 24th Edition 2023
2.	Total Hardness (as $CaCO_3$), Max	mg/L	206	--	2340 C, APHA' 23rd Ed. 2017
3.	Total Alkalinity (as $CaCO_3$, Max	mg/L	110.60	--	IS:3025(Part 23)1986
4.	Chloride (as Cl^-), Max	mg/L	27.90	2000for concrete not containing embedded steel and 500 for reinforced concrete work	4500 –Cl^- B, APHA' 23rd Ed. 2017
5.	Sulphate (as SO_4^-), Max	mg/L	<5.0	400	4500-SO_4^{2-} E 23rd Ed. 2017
6.	Acidity	mg/L	4.5	--	2130-B, APHA 23rd Ed. 2017
7.	Organic Solids	mg/L	66	200	2540(B)&(E), APHA 23rd Ed. 2017
8.	Inorganic Solids	mg/L	630	3000	2540(B)&(E), APHA 23rd Ed. 2017
9.	Sulfide	mg/L	12.4	--	4500 S-2(B), APHA 23rd Ed. 2017
10.	Potassium	mg/L	14.3	--	3500(B), APHA 23rd Ed. 2017
11.	Sodium	mg/L	28.6	--	3500 APHA 23rd Ed. 2017

- This report refers only to the job/ submitted for testing. It should not be reproduced except in full.
- Unused balance of samples shall be destroyed after one month from the date of issue of test report, unless otherwise specified.

Interpretation: The tested water sample does conform to IS: 456:2000 w.r.t. testedparameters no. 06.

For Sawen Projects & Laboratories Pvt. Ltd.

Sawen Projects & Laboratories Pvt. Ltd. Lucknow

(Dhirendra Singh)
Authorised Signatory

Total Environmental Services

OTHER DOCS/APPROVALS

Lucknow Development Authority
Vipin Khand, Gomtinagar
Lucknow (U.P.)

Possession Letter

To,

The C.E./Executive Engineer

Karpoorthala/Gomti Nagar, Development Authority, Lucknow

User ID :

Date Prepared : 23/06/2005 13:19

Dispatch Date : 23/6/05

Dispatch No. 151/258/Confirm/05

Sub : Physical possession of the property as per the details given below :

** Allottee Details : Registration No : 2607366

Applicant Name : SUPREAME REAL ESTATE DEVELOPERS PVT. L

Address : THAKUR HOUSE, ASHOK NAGAR ,ASHOK CHAKRAVARTI ROAD KANDIVLI EAST MUMBAI-400101

Notification : TENDER & BID INVITED BETWEEN 27/12/2004 TO 28/121/20

Scheme Name :	GOMTI NAGAR	Subscheme Name :	PHASE I
Sector Name :	VIBHUTI KHAND	Property ID :	255693
Property Type :	COMMERCIAL PLOTS	Property Sub Type :	10000 SQMT PLOT
Floor Name :	NOT APPLICABLE	Property Number :	TC-47&48
Allotment Mode :	Tender	Allotment Date :	28/12/2004
Final Area (Sqm) :	13067.82	Final Cost (Rs.) :	101,014,248.60
Payment Mode :	TENDER TERMS	Registry/Aggreement Date :	22/06/2005

This is to request that necessory action may be taken to hand over the possession of afore said property as per the details given above to the allotee, whose signatures are attested below. The intimation of handing over to the possession along with the inventory of the property handed over shall be forwarded to computer / property sections within one week from the date of handing over of possession.

Signature of Allottee

Attested by : Signature :

Name & Desg :

Authorised Signatory

For Lucknow Development Authority

Note : If the possession is not taken by the allotee upto 20/08/2005, delay fees and maintenance charges, as mentioned below will be payable by the allotee. These dues are payable from the date mentioned above to actual possession date. After 30 days from the date mentioned above, the cancellation procedure can take place. If the possession is not taken by the allotee within the mentioned period then within one week, the concerning engineering division shall intimate the Property section about it. If handing over the possession is not possible due to some official reasons, then the engineering division shall intimate the reasons and the next possible date to the property section.

Rates of DELAY FEES & MAINTENANCE CHARGES

Site & Service plots and EWS houses	Rs. 45/- Per month
LIG/MIG houses & plots upto 200 Sq mt	Rs. 90/- Per month
HIG & houses under Self Financing scheme and plots greater than 200 Sq mt	Rs. 150/- Per month
Commercial plots/shops/office premises	Rs. 200/- per month

Copy : Forwarded for taking over the possession as per terms mentioned above to the allotee : SUPREAME REAL ESTATE DEVELOPERS PVT. LTD.

NOTE: Please quote your Registration No. in your deposit challans and in all the correspondence with L.D.A. for early

लखनऊ विकास प्राधिकरण, लखनऊ

सम्पत्ति अधिकारी के पत्र संख्या 151/ज०स०(ट्रा०)कैं०/05 दिनांक 23/6/05

के आधार पर गोमती नगर योजना के सेक्टर विभूति खण्ड में स्थित

भूखण्ड संख्या TC: 47 व 48 का कब्जा दिनांक 14.07.05 को

आवन्टी श्री/श्रीमती सुप्रीम रियल स्टेट डेवलपर्स प्रा० लि० को हैण्डओवर किया गया।

कब्जा देने वाले के हस्ताक्षर

(अवर अभियंता) 14/7/05

प्रति हस्ताक्षरित

14/07/05

(सहायक अभियन्ता)

For Supreme Real Estate Development Pvt. Ltd.

कब्जा प्राप्त करने वाले के हस्ताक्षर

(आवन्टी)

Director

प्रतिलिपि :—सम्पत्ति अधिकारी को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

अधिशासी अभियन्ता

(भाग 1)

(प्रस्तुतकर्ता अथवा प्रार्थी द्वारा रखा जाने वाला)

320612

क्रम-संख्या

लेख्य या प्रार्थना-पत्र प्रस्तुत करने का दिनांक

प्रस्तुतकर्ता या प्रार्थी का नाम

लेख्य का प्रकार

प्रतिफल की धनराशि

1—रजिस्ट्रीकरण शुल्क

2—प्रतिलिपिकरण शुल्क 3820781/-

3—निरीक्षण या तलाश शुल्क

4—मुख्तारनामा के अधिप्रमाणीकरण के लिए शुल्क

5—कमीशन शुल्क

6—विविध

7—यात्रिक भत्ता

1 से 6 तक का योग

शुल्क वसूल करने का दिनांक

दिनांक, जब लेख्य प्रतिलिपि या तलाश प्रमाण-पत्र वापस करने के लिये तैयार होगा

रजिस्ट्रीकरण अधिकारी के हस्ताक्षर

पी० एस० यू० पी०—04 निबन्धन—7-6-2004—

निबन्धन प्रपत्र सं० 13—24,000 पुस्तकें (बाव)।

कोषागार प्रपत्र–209 (1)

वित्तीय नियम संग्रह खण्ड–5, भाग–2

प्रपत्र संख्या–43 ए (1)

(प्रस्तर 417 एवं 478 देखिए)

धनराशि जमा करने का चालान फार्म

उपकोषागार/बैंक का नाम व शाखा — S.B.I. Govt. Business Branch

1. जिस व्यक्ति (पदनाम यदि आवश्यक हो) या संस्था के नाम से धनराशि जमा की जा रही है उसका नाम — प्रभारी अधिकारी सम्पत्ती ..नो. वि. प्राधिकरण.. द्वारा Supreme Real Estate Dev. Pvt Ltd

2. पता — Thakur House, Ashok Nagar Kandivali (E) MUMBAI 4001[illegible]

3. पंजीकरण संख्या/पक्ष का नाम व वाद संख्या (यदि आवश्यक हो) — ....

4. जमा की जा रही धनराशि का पूर्ण विवरण (धनराशि किस हेतु जमा की जा रही है तथा किस विभाग के पक्ष में जमा की जा रही है।) — Non Judicial Stamp

5. चालान की सकल राशि — 1,09,38,600/-

6. चलान की निबल राशि — ....

7. लेखाशीर्षक का पूर्ण विवरण/लेखाशीर्षक की मुहर : — 0030-स्टाम्प और रजिस्ट्रीकरण 02-स्टाम्प गैर न्यायिक 102-स्टाम्पों की बिक्री

8. लेखा-शीर्षक का 13 डिजिट कोड

मुख्य लेखा-शीर्षक	उप मुख्य-शीर्षक	लघु-शीर्षक	उप-शीर्षक	ब्यौरेवार-शीर्षक	धनराशि (अंकों में)
0030	02	102	00	00	1,09,38,600

धनराशि (शब्दों में) One crore nine lacs thirty eight thousand six hundred only.

योग 1,09,38,600/-

चालान में लेखाशीर्षक की पुष्टि करने वाले विभागीय अधिकारी के हस्ताक्षर मुहर सहित

For Supreme Real Estate Developers Pvt. Ltd.

[signature]

जमाकर्ता का नाम व हस्ताक्षर

Director

केवल उपकोषागार/बैंक के प्रयोगार्थ

चलान संख्या : ....

अंकों में रु०

दिनांक : ....

शब्दों में रु०

21 JUN 2005

प्राप्त किया

प्राप्तकर्ता के हस्ताक्षर उपकोषागार/ बैंक की मुहर सहित

विवरण : रोकड़ (विवरण सहित) (धनराशि रुपयों में)

नोट/सिक्के	
1000 x	
500 x	
100 x	
50 x	
20 x	
10 x	
5 x	
2 x	
1 x	
चेक (पूर्ण विवरण के साथ)	
योग :–	

टिप्पणी :–

1. जिन विभागों में अधिक संख्या में चालानों द्वारा धनराशि जमा होती है (जैसे व्यापार कर, स्टाम्प एवं पंजीकरण, शिक्षा, लोक सेवा आयोग आदि) उन्हें बजट साहित्य के खण्ड–4 अथवा लोक लेखा खण्ड–2 के अनुसार लेखा शीर्षक मुद्रित कराना उचित होगा। अन्य प्रकरणों में बजट साहित्य के खण्ड–2 (लोक लेखा) तथा खण्ड–4 (राजस्व एवं पूंजी लेखे की प्राप्तियां) में दर्शाये गये लेखा-शीर्षक के स्तरों के अनुरूप विभागीय अधिकारी द्वारा प्रमाणित किया जायेगा।
2. जिन जमा धनराशियों के लिये विज्ञापन द्वारा सार्वजनिक रूप से प्रसारित लेखाशीर्षक विशेष में धनराशि जमा करने हेतु निर्देशित किया गया है, तो ऐसी दशा में चालान फार्म के लेखा-शीर्षक को सत्यापित करना आवश्यक नहीं होगा।
3. यदि जमा की जाने वाली धनराशि में पैसे का कोई अंश है तो 50 पैसे से कम की धनराशि को छोड़ दिया जायेगा एवं 50 पैसे और उससे अधिक की धनराशि को अगले उच्चतर रुपये पर पूर्णांकित कर धनराशि जमा की जायेगी।

पी०एस०यू०पी०–ए०पी० 06 कोषागार–8-10-03-(1290)—) –(आफसेट)।

Verified that Rs (10938,600-00) One crore nine lakh thirty eight thousand six hundred only
(Rupees ...) ... credited
under head 0030 stamp ... challan
No 013c201-dt 21/06/05 ... our
of Supreme Real Estate Dev. PVT. LTD. ... treasury

Treasury Officer
Collectorate Lko.
22/06/05

STATE BANK

1771 5871/05

50 Rs.

पचास रुपये

सत्यमेव जयते

भारत

INDIA

५०रू.

50RS

FIFTY RUPEES

In pursuance of the order of the collector
No.- 613 - - - - - -dated 22-6-05 - -
passed under section 10-A of the stamp act it is certified that an amount of Rs. (15938600=00) - - - -
in-words रु० एक करोड़ [illegible]
- - - - - - - - - - - - - - - -has been paid in cash as stamp duty in respect of this instrument in the sub treasury /State Bank of India Lucknow by challan
No.- 013001 - - - - - - - - - -dated 21-6-05 - - - -
a copy of which is annexed herewith.

Dated. 22-6-05

22/6/05
Treasury Officer
Lucknow
मुख्य कोषाधिकारी
लखनऊ

विक्रय विलेख

यह विलेख लखनऊ विकास प्राधिकरण जो कि राष्ट्रपति अधिनियम 11 सन् 1973 पुनर्विधायन, उत्तर प्रदेश अधिनियम संख्या

For Supreme Real Estate Developers Pvt. Ltd.

Director

प्रभारी अधिकारी सम्पत्ति
लखनऊ विकास प्राधिकरण, लखनऊ

(35)

आदर्श कोषागार, लखनऊ

दिनांक 21-06-2005

मूल्य 50/- [illegible] स्टाम्प

नाम प्रभारी अधिकारी स्थापत्य क. लि. प्रा.

द्वारा सुप्रीम रियल्टी एंड डेवलपर्स प्रा. लि. मुम्बई

कोषाधिकारी मुख्य कोषाधिकारी

30 सन् 1974 की धारा-4 के अधीन गठित एक निकाय है, के श्री जे0बी0 सिंह, प्रभारी अधिकारी, सम्पत्ति, लखनऊ विकास प्राधिकरण विपिन खण्ड, गोमती नगर, लखनऊ के माध्यम से (जिसे इस विलेख में आगे विक्रेता कहकर सम्बोधित किया गया है, जिसका अर्थ जब तक कि उसके विपरीत भाव में प्रयुक्त न किया गया हो विक्रेता उसके प्रशासकों, अधिशासकों, विधिक प्रतिनिधियों, समनुदेशितों से लिया जायेगा) प्रथम पक्ष

के द्वारा

मेसर्स सुप्रीम रियल स्टेट डेवलपर्स प्राइवेट लिमिटेड, निदेशक, श्री राजकुमार सिंह उम्र लगभग 39 वर्ष पुत्र स्व0 श्री श्याम नारायण सिंह निवासी ठाकुर हाउस, अशोक नगर, कॉदीवली, पूर्व, मुम्बई, 400 101 जिसे कि इस विलेख में केता कहकर सम्बोधित किया गया है, जिसका अर्थ जब तक कि उसे विपरीत भाव में प्रयुक्त न किया गया हो केता स्वयं उसके उत्तराधिकारियों विधिक प्रतिनिधियों एवं समनुदेशितों से लिया जायेगा, द्वितीय पक्ष के हित में निष्पादित किया गया।

For Supreme Real Estate Developers Pvt. Ltd.

(3)

चूँकि जनहित में भूमि अभ्यर्पित करके उसे विकेता द्वारा विकसित किया गया है तथा क्रेता के आवेदन पत्र के फलस्वरूप नीलामी द्वारा दिनांक 28.12.2004 को रूपया 10,10,14,249.00 प्रीमियम मूल्य के प्रति फलस्वरूप गोमती नगर योजना के विभूति खण्ड में व्यवसायिक (मल्टीप्लैक्स/शापिंग) भूखण्ड संख्या-टी0सी0-47-48 क्षेत्रफल 13,067.82 वर्गमीटर संलग्न लीज प्लान के अनुसार 90 वर्ष की अवधि के लिये क्रेता के पक्ष में ..... रूपया प्रतिवर्ष लीजरेन्ट पर आवंटित किया गया था। चूँकि शासनादेश संख्या 1639/9-आ-1-95-80मिस/86 आवास अनुभाग-1 दिनांक 10.5.1995 द्वारा भूमि के मूल्य की 12 प्रतिशत धनराशि फ्रीहोल्ड शुल्क के रूप में लेकर उसे फ्रीहोल्ड भूमि के रूप में हस्तान्तरित करने हेतु प्राविधान किया गया है।

....4

For Supreme Real Estate Developers Pvt. Ltd.

Director

M/s Supreme Real Estate developers Pvt. Ltd

तद्नुसार केता द्वारा उक्त धनराशि रूपया 1,21,21,710.00 (शब्दों में रूपया) एक करोड़ इक्कीस लाख इक्कीस हजार सात सौ दस मात्र तथा नियम एवं शर्तों के अनुसार नीलामी क्षेत्रफल के 75 प्रतिशत मूल्य पर 45 दिनों के अन्दर पूर्ण धनराशि जमा करने के कारण 5 प्रतिशत की छूट रूपया 37,53,881.00 दी गई जिसके फलस्वरूप प्रीमियम की धनराशि रूपया 9,72,60,368.00 (शब्दों में रूपया) नो करोड़ बहत्तर लाख साठ हजार तीन सौ अड़सठ केवल लखनऊ विकास प्राधिकरण कोष में जमा कर दी गयी है जिसकी पावती विक्रेता इस विलेख के माध्यम से स्वीकार करता है।

अतः यह विलेख निम्न प्रकार से सन्दर्भित करता है:-

1. यह कि केता से उपरोक्तानुसार समस्त मूल्य रूपया 10,93,82,078.00 प्राप्त करने के पश्चात् विक्रेता द्वारा व्यवसायिक भूखण्ड संख्या-टी0सी0-47-48 क्षेत्रफल 13,067.82 वर्गमीटर स्थित विभूति खण्ड, गोमती नगर योजना। जिसका विस्तृत विवरण अन्त में

.....5

For Supreme Real Estate Developers Pvt. Ltd.

Director

भारी अधिकारी सम्पत्ति
लखनऊ विकास प्राधिकरण, लखनऊ

दिया गया है को फ्रीहोल्ड भूमि के रूप में केता के पक्ष में विक्रय करते हुए सदैव के लिये हस्तान्तरित कर दिया गया है एवं पूर्णस्वामित्वाधिकार इस विलेख के माध्यम से केता में सन्निहित कर दिये गय हैं कि वह नियमानुसार भूमि का उपयोग एवं उपभोग करे।

2. यह कि विक्रीत व्यवसायिक भूखण्ड का कब्जा इस विलेख के माध्यम से केता को सौंप दिया गया है।

3. यह कि भूमि सम्बन्धी अधिकारी भूमि अर्जन अधिनियम के अन्तर्गत प्राप्त किये जाते हैं एवं व्यवसायिक भूखण्ड आवंटित करने के समय चूँकि विक्रेता विशेष भूमि अध्याप्ति अधिकारी के द्वारा दिये गये अभिनिर्णय (एवार्ड) के आधार पर ही प्रश्नगत व्यवसायिक भूखण्ड का प्रीमियम मूल्य एवं तद्नुसार फ्रीहोल्ड शुल्क निर्धारित किया गया है परन्तु यदि भविष्य में न्यायालय द्वारा किसान को देय प्रतिकर, तोषण (सोलेशियम) एवं इस मद में ब्याज की वृद्धि के आदेश किये जाये तो

.....6

[illegible] कोषागार, लखनऊ

दिनांक 2.26.08

मूल्य

नाम M/s Sai Prime

द्वारा

[illegible] [illegible]

Real Estate developers Pvt

केता इस हेतु सहमत होता है एवं प्रसविदा करता है कि उपरोक्त प्रकार के किसी आकस्मिक कारण से हुई वृद्धि की जिम्मेदारी केता द्वारा धारित व्यवसायिक भूखण्ड क्षेत्रफल भूविन्यास योजना के सम्पूर्ण क्षेत्रफल के अनुपात में केता पर स्वतः स्थानान्तरित हो जायेगी एवं केता तद्नुसार हुई वृद्धि पर लखनऊ विकास प्राधिकरण द्वारा निमयानुसार दिये गये मॉग पत्र की सूचना प्राप्ति के तीन महीन के अन्दर केता द्वारा अदायगी कर दी जायेगी इसमें असफल रहने पर यह राशि भूराजस्व के बकाये के रूप में वसूल की जायेगी।

4. यह कि केता उक्त परिसर अथवा निर्मित स्थल के पूर्ण या किसी भू-भाग या हिस्से को व्यवसायिक उपयोग के अतिरिक्त सार्वजनिक रूप से धार्मिक स्थल अथवा किसी ऐसे उपयोग में नहीं लायेगा जिससे

.....7

For Supreme Real Estate Developers Pvt. Ltd.

Director

भारी अधिकारी सम्पत्ति
लखनऊ विकास प्राधिकरण, लखनऊ

आदर्श कोषागार, लखनऊ

क्रमांक 29 615

विक्रय दिनांक

मूल्य .... स्टाम्प

नाम M/s Supreme Real Estate developers Pvt Ltd

द्वारा

उप कोषाधिकारी मुख्य कोषाधिकारी

किसी प्रकार की कोई अशान्ति उत्पन्न होती हो अथवा पास पड़ोस में भूखण्ड/भवन धारक को बाधा या क्षति पहुँचाती हो। केता लखनऊ महायोजना में निर्धारित भू उपयोग से अन्यथा प्रयोग नहीं करेगा और न करने की अनुमति देगा इसका उल्लंघन करने पर विधि अनुसार लगाये गये दण्ड का केता भागी होगा।

5. यह कि यदि केता के द्वारा भूखण्ड अथवा भवन दोनों से सम्बन्धित अधिकारों का अन्तरण किये जाने की दशा में इस विलेख में अंकित समस्त नियम व उपनियम तदैव प्रथम अन्तरिती द्वितीय अन्तरिती एवं लगातार प्रत्येक अन्तरिती पर यथावत लागू रहेंगी तथा केता द्वारा किये गये इस प्रसंविदा को वे सभी मानने के लिये बाध्य होंगे।

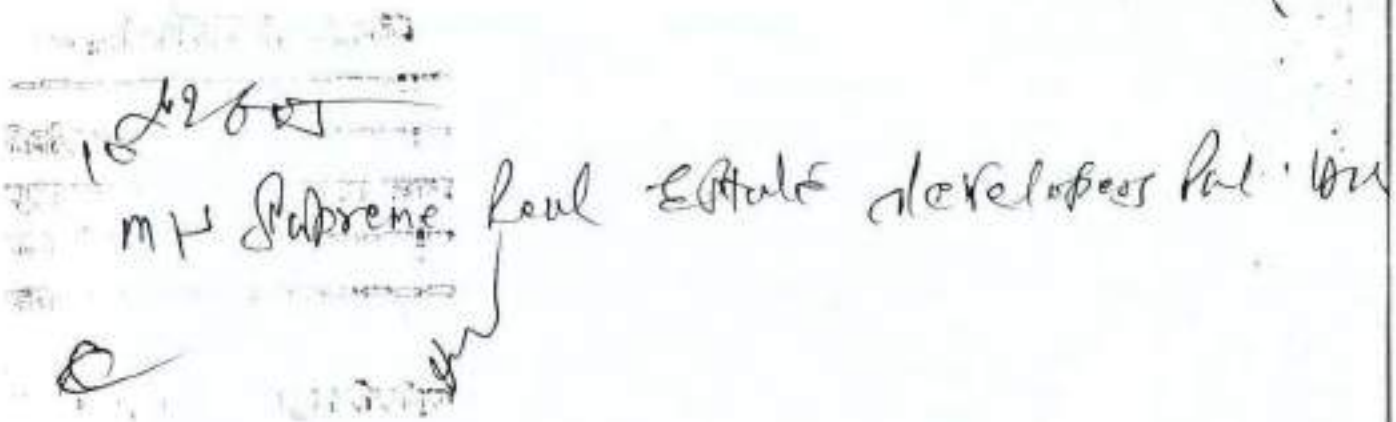
6. यह कि यदि किसी भी समय उक्त व्यवसायिक भूखण्ड सम्बन्धी किसी भी प्रकार के विवाद की स्थिति में लखनऊ विकास प्राधिकरण के उपाध्यक्ष की सहमति से विवाद हेतु एक मध्यस्थ की नियुक्ति की जा

.....8

For Supreme Real Estate

Director

प्रभारी अधिशासी अधिकारी
लखनऊ विकास प्राधिकरण, लखनऊ



सकेगी जो कि विवाद सन्दर्भित होने के पश्चात् दोनों पक्षकारों की सुनवाई करके अपना निर्णय देगा। किसी भी स्थिति में विवाद का स्थानीय क्षेत्राधिकारी केवल लखनऊ स्थित न्यायालय को ही प्राप्त होगा।

7. यह कि 12 प्रतिशत फ्रीहोल्ड शुल्क सन्निहित करते हुए भूमि का मूल्यांकन रूपया 10,93,82,078.00 है जिस पर नियमानुसार स्टैम्प शुल्क की अदायगी केता के द्वारा दी गई है।

8. यह कि केता समय-समय पर लखनऊ विकास प्राधिकरण बोर्ड एवं शासनादेश द्वारा जारी किये गये नियमों, विनियमों एवं प्राविधानों का पालन करता रहेगा। प्रमाण के रूप में इस विक्रय विलेख पर विकेता के लिये एवं उसकी तरफ से प्राधिकृत अधिकारी तथा केता ने स्वयं अपने स्वस्थचित्त होकर इस विकेता विलेख ग्पर अपने हस्ताक्षर बनाये तथा विकेता की सील भी साक्षियों की उपस्थिति में लगायी गयी।

उपरिसंदर्भित विकीत व्यवसायिक भूखण्ड का विवरण

.....9

For Supreme Real Estate Developers Pvt. Ltd.

Director

10229607

M/s Supreme Real Estate developers Pvt. Ltd.

Rs. 10938078/-

~~09,382,078.00/-~~

विक्रय पत्र

प्रतिफल	मालियत		फीस रजिस्ट्री	नकल व प्रति शुल्क	योग	अन्य लगभग
		5,000.00	40	5,040.00		2,000

श्री / श्रीमती मेसर्स सुप्रीम रियल स्टेट डे.प्रा.लि द्वा.नि.राजकुमार सिंह

पुत्र / पत्नी श्री स्व. श्याम नारायण सिंह

पेशा व्यापार निवासी स्थायी ठाकुर हाऊस अशोक नगर कांदीवली पूर्व मुम्बई

अस्थायी पता

ने यह लेखपत्र इस कार्यालय दिनांक 22/6/2005 समय 6:25PM

बते निबन्धन हेतु पेश किया।

22/6/05

उप निबन्धक (द्वितीय)
लखनऊ

निष्पादन लेखपत्र बाद सुनने व समझने मजमून व प्राप्त धनराशि रू. प्रलेखानुसार उक्त

क्रेता

श्री/श्रीमती मेसर्स सुप्रीम रियल स्टेट डे.प्रा.लि
द्वा.नि.राजकुमार सिंह
पुत्र/पत्नी श्री स्व. श्याम नारायण सिंह
पेशा व्यापार
निवासी ठाकुर हाऊस अशोक नगर कांदीवली पूर्व मुम्बई

ने निष्पादन स्वीकार किया ।

इस बात से संतुष्ट हो जाने पर कि इस लेखपत्र का निष्पादन श्री ल.वि.प्रा.द्वारा जे.बी.सिंह प्र.अ.स. ने अपने पद के अधिकार से किया है इसलिये उनकी उपस्थिति और हस्ताक्षरों की आवश्यकता नहीं है, और लेखपत्र रजिस्टीकरण के लिए स्वीकार किया गया।

उप निबन्धक (द्वितीय)
लखनऊ
22/6/05

भू विन्यास योजना व्यवसायिक भूखण्ड संख्या-टी0सी0-47-48 कुल क्षेत्रफल 13,067.82 वर्गमीटर स्थित विभूति खण्ड, गोमती नगर योजना लखनऊ जिसकी पूर्वी भुजा की माप 86.44 मीटर, पश्चिमी 94.45 मीटर, उत्तरी 152.50 मीटर, दक्षिणी भुजा 134 मीटर है। चूँकि भूखण्ड की भुजाऐं डायग्नल हैं इसलिए सम्पूर्ण एरिया लीज प्लान के अनुसार मान्य है जो कि साथ में संलग्न है। प्रश्नगत भूखण्ड की चौहद्दी निम्न प्रकार से है:-

....10

For Supreme Real Estate Developers Pvt. Ltd.

Director

सक्षम अधिकारी हस्ताक्षर
लखनऊ विकास प्राधिकरण, लखनऊ

10/2/2015

M/s Supreme Real Estate Developers Pvt

जिनकी पहचान श्री राजेन्द्र सिंह
पुत्र श्री स्व. सी.सिंह
पेशा नौकरी निवासी योजना सहायक एल.डी ए.लखनऊ
व श्री अनिल विजयराज भंडारी
पुत्र श्री विजय राज भंडारी
पेशा व्यापार निवासी 503, रिजार्ट ठाकुर का. कांदीवली पूर्व मुम्बई
ने की ।

उप निबन्धक (द्वितीय)
लखनऊ 22/6/15

उप निबन्धक (द्वितीय)
लखनऊ 22/6/15

पत्यक्षतः भद्र साक्षियों के निशान अंगूठे नियमानुसार लिये गये हैं।

10 Rs.

पूरब- सड़क पश्चिम 24 मी0 चौड़ी सड़क.....

उत्तर.-76 मी0 चौड़ी सड़क दक्षिण-.समाज कल्याण निगम एवं खाली भूखण्ड.....

साक्षीगण:-

1. हस्ताक्षर..... विक्रेता

नाम-अटल बिहारी तिवारी

पिता का नाम-श्री जी0एल0 तिवारी.....

व्यवसाय.-नौकरी.....

निवास.-एल0डी0ए0, लखनऊ.

दिनांक.....

2. हस्ताक्षर..... केता

नाम.-अनिल विजयराज भण्डारी.

.....उम्र 39 वर्ष,

पिता का नाम-श्री विजय राज भण्डारी

व्यवसाय.-व्यापार.

निवास-503, रिज़ार्ट व्यू, ठाकुर काम्पलेक्स, कॉदीवली पूर्व, मुम्बई

दिनांक 22/6/05

For Supreme Real Estate Developers Pvt. Ltd.

Director

रचना सहायक

विक्रेता

Registration No 5871 Year : 2005 Book No. 1

0101 ल.वि.प्रा.द्वारा जे.बी.सिंह प्र.अ.स.

एल.डी. ए.लखनऊ

नौकरी

LUCKNOW DEVELOPMENT AUTHORITY

...N OF BULK SALE POCKET OF VIBHUTI KHAND, GOMTI NAGAR

PLOT NO- TC - 1/18-18

...SED TO - सुप्रिम रियल स्टेट डेवलपर्स प्रा० लि०

BOUNDARY

NORTH - 78.0 M ROAD

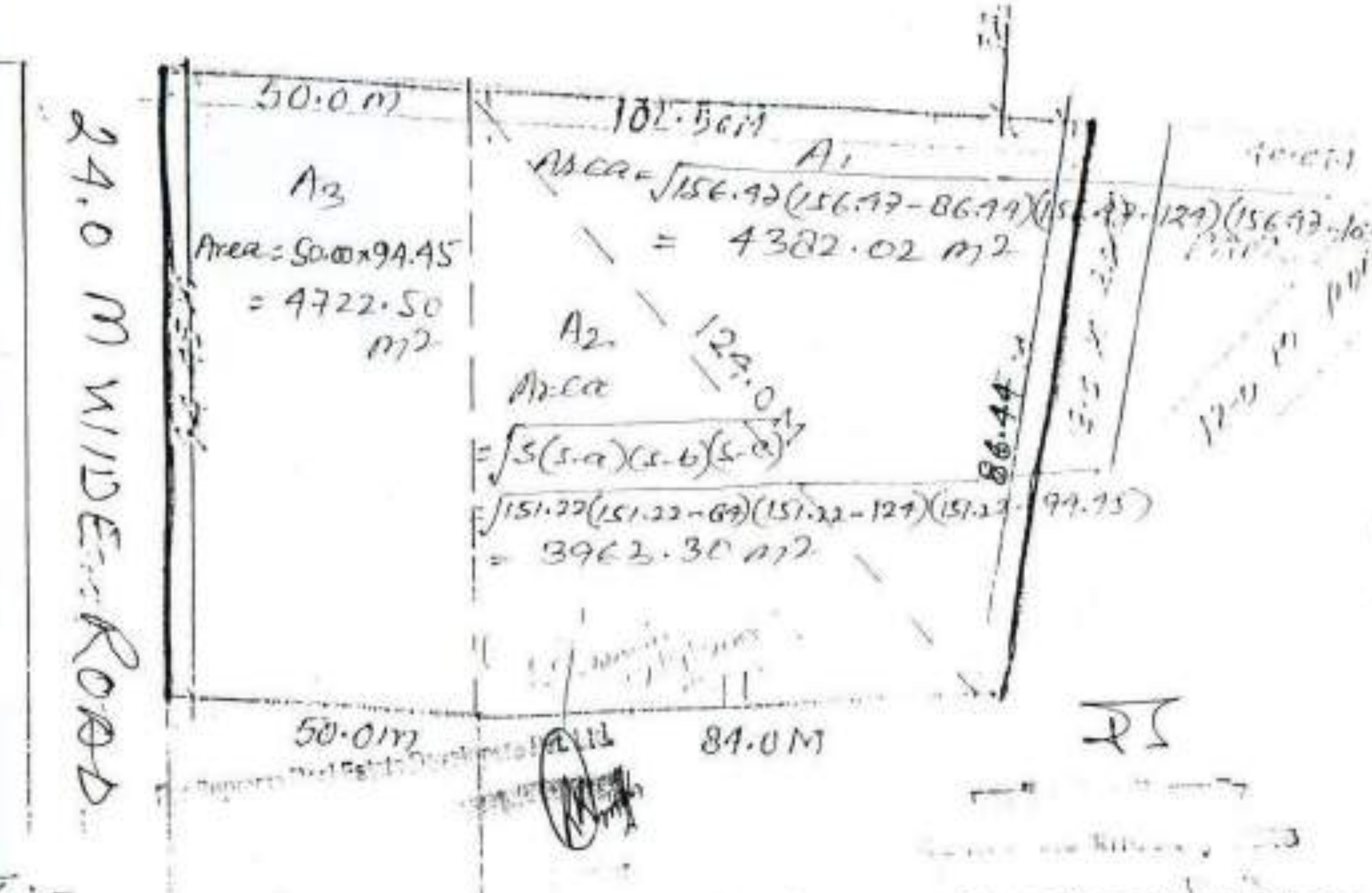
...of Plot :- 13067.82 Sqm

SOUTH - LAND Samaj Kalyan Vibhag and Vacant Plot

...A_3) =

East - ROAD

WEST - 24.0 M ROAD



...E :-

पत्रावली सं० 213/CTP/Index/05 पर मुख्य नगर नियोजक एवं संयुक्त सचिव द्वारा दिये गये निर्देशों के क्रम में स्थल नापें प्लान में अंकित कर दी गयी हैं।

मुख्य नगर नियोजक द्वारा उपलब्ध कराये गये ले-आउट प्लान दिनांक 7-1-05 के अनुसार प्लान तैयार किया गया है जिसका स्थल से आउट में अंकन आवश्यक है।

11/4/05   11/4/05   11/4/05

E.E - 3

क्रेता

Registration No. 5871 Year : 2005 Book No. 1

0201 मेसर्स सुप्रीम रियल स्टेट डे.प्रा.लि द्वा.नि.राजकुमार सिंह

स्व. श्याम नारायण सिंह

ठाकुर हाऊस अशोक नगर कांदीवली पूर्व मुम्बई

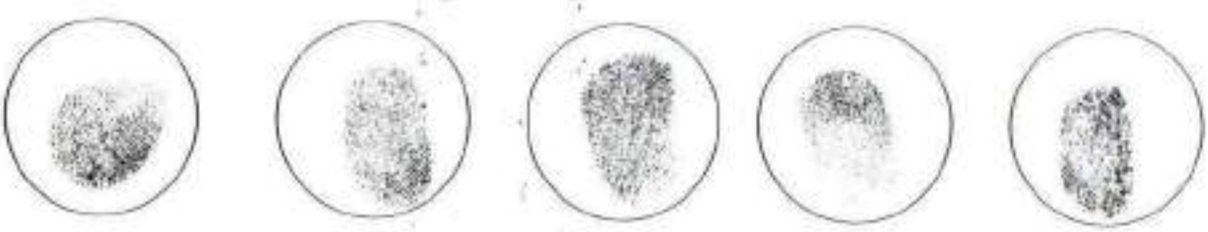
व्यापार

रजिस्ट्रेशन अधि0 1908 की धारा-32 ए0 के अनुपालन हेतु फिंगर्स प्रिन्टस

प्रस्तुतकर्ता/विक्रेता नाम व पता:- के. बी. सिंह - प्र० अधि०
(सं०) L.D.A

बायें हाथ के अंगुलियों के चिन्ह:-

दाहिने हाथ के अंगुलियों के चिन्ह:-

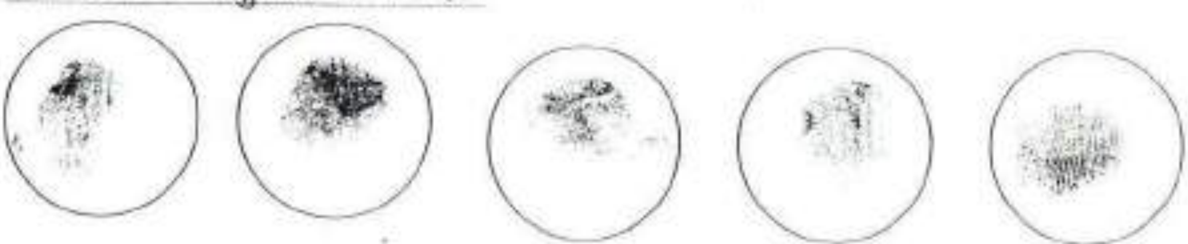


प्रस्तुतकर्ता/विक्रेता/क्रेता के हस्ताक्षर

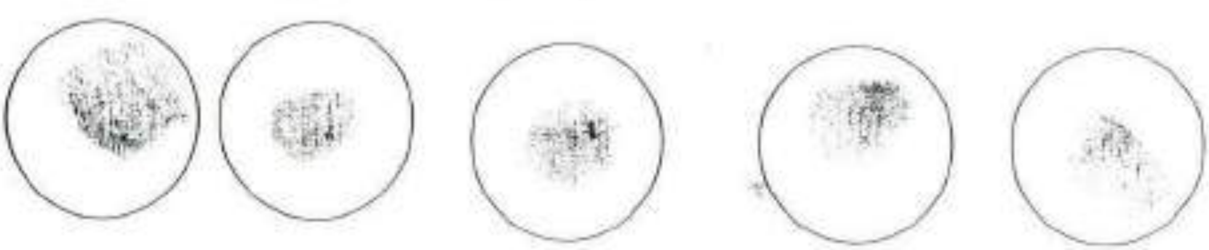
प्रभारी अधिकारी सम्पत्ति
लखनऊ विकास प्राधिकरण, लखनऊ

~~विक्रेता~~/क्रेता नाम व पता :- Supreme Real Estate Developers Pvt. Ltd.

बायें हाथ के अंगुलियों के चिन्ह:-



दाहिने हाथ के अंगुलियों के चिन्ह:-



~~विक्रेता~~/क्रेता के हस्ताक्षर

For Supreme Real Estate Developers Pvt. Ltd.

Director

आज दिनांक **22/06/2005** को

वही सं **1** जिल्द सं **5131**

पृष्ठ सं **49** से **72** पर कमांक **5871**

रजिस्ट्रीकृत किया गया ।

उप निबन्धक (द्वितीय)
लखनऊ

कार्यालय लखनऊ विकास प्राधिकरण

प्रेषक :— व्यवस्था अधिकारी (प्रशासन)
लखनऊ विकास प्राधिकरण
नवीन भवन, विपिन खण्ड,
गोमतीनगर, लखनऊ
संख्या 838/व्यव०अधि०/2005
दिनांक 7-1-2005

सेवा में,
मे० यूनिमरियल स्टेट डेवलपर्स प्रा० लि०, ठाकुर हाउस, अशोक नगर, अशोक चक्रवर्ती रोड कान्दिवली ईस्ट, मुम्बई।
नत्थी

विषय
गोमती नगर योजना के विभूति खण्ड स्थित मल्टी प्लेक्स के सम्बन्ध में।

महोदय,

आपकी जिज्ञासा के सम्बन्ध में अवगत कराना है कि आपके पक्ष में आवंटित मल्टी प्लेक्स के सम्बन्ध में 15 प्रतिशत धनराशि दिनांक-6.2.05 तक जमा करनी है, शेष भूखण्ड की 50 प्रतिशत लागत पांच वर्ष में शर्तों के अनुसार ब्याज सहित तिमाही किश्तों में जमा करना है। किश्तों की तिथियाँ संशोधित आवंटन पत्र के अनुसार होगी। यदि पत्र निर्गत तिथि 07.1.05 से 45 दिनों के अन्दर सम्पूर्ण धनराशि जमा कर देते है तो टेण्डर शर्तों के अनुसार भूखण्ड की 75 प्रतिशत लागत पर 5% की छूट दी जायेगी। छूट अनुमानित लागत पर ही दिये है।

भवदीय

(अशोक पाल सिंह)
व्यवस्था अधिकारी

LUCKNOW DEVELOPMENT AUTHORITY

Vipin Khand, Gomtinagar, Lucknow

Property Allotment Letter

To,

SUPREAME REAL ESTATE DEVELOPERS PVT. LTD.

THAKUR HOUSE, ASHOK
NAGAR ,ASHOK CHAKRAVARTI
ROAD KANDIVLI EAST
MUMBAI-400101

SUB:Property allotment letter.

User ID : 2234
Date Prepared : 06/01/2005 15:20
Dispatch Date : 896/55
Dispatch No. : 7/1/05

Dear Sir/Madam,

Refer to your REGISTRATION NUMBER 2607366 . We are pleased to inform you, that you have been allotted a property as per the details given below :

Notification	: TENDER & BID INVITED BETWEEN 27/12/2004 TO 28/121/2004		
Scheme	: Gomti Nagar	Subscheme	: Phase I
Sector	: Vibhuti Khand	Property Id	: 255693
Property Type	: Commercial Plots	Property Subtype	: 10000 Sqmt Plot
Floor	: Not Applicable	Property Number	: TC-47&48
Allotment Mode	: Tender	Allotment Date	: 26/12/2004
Estimated Area(Sq.m.)	: 12950	Estimated Cost(Rs.)	: 100,103,500.00
Payment Mode	: TENDER TERMS	Deposited Till Date (Rs)	: 35,100,000.00

You have to deposit installments as per the schedule given below at UCO Bank / Bank Of Baroda / Punjab National Bank / HDFC or ICICI Hazratganj by bank drafts drawn in favour of The Secretary, Lucknow Development Authority.

Inst No.	Inst. Amount	Due Date	Insl. No	Insl. Amount	Due Date
1	14,951,750.00	06/02/2005	2	13,951,608.00	31/03/2005
3	13,951,608.00	30/06/2005	4	13,951,608.00	30/09/2005
5	13,951,608.00	31/12/2005			

The final balance amount, if any,has to be paid before the registry of the property. If the above mentioned installments are not paid upto the due dates, an additional interest as per rules, on the payable amount will be charged. If the payment is not made within three months from the due date alongwith the additionals, if any, Vice-Chairman L.D.A., has the right to cancel the allotment, in which case deductions as per the rules will be made.

Thanking you.

Yours sincerely,

7/1/2005

Authorised Signatory
For Lucknow Development Authority

NOTE: Please quote your Registration No. in your deposit challans and in all the correspondence with L.D.A. for early disposal.

RAMANAND GOYAL & COMPANY
CHARTERED ACCOUNTANTS

UDIN : 23432257BGTUMC2317 **Form REG 03**

CHARTERED ACCOUNTANT'S CERTIFICATE

(FOR THE PURPOSE OF WITHDRAWAL OF MONEY FROM DESIGNATED ACCOUNT OF PROJECT)

Information as on : 29.08.2023

Certificate No. - RNGC/RERA/UP/TY/1081 Date : 30.08.2023

Subject: Certificate of amount incurred on the project **"SHALIMAR SKY GARDEN"** for Construction of 1 (one) Tower/Block/Building(s) situated on Plot No. TC 47 & 48 demarcated by its boundaries : 26.8728; 80.9995 (latitude and longitude of the end-points) to the North, to the South, to the East, to the West of Vibhuti Khand, Gomti Nagar, Lucknow, Development Authority - Lucknow Development Authority, District -Lucknow, PIN- 226010, admeasuring 13058 sq.mts. area being developed by M/s Supreme Real Estate Developers Private Limited having RERA Registration No. A/F, **Designated A/C No. 5458523659, CENTRAL BANK OF INDIA, 72, MAHATMA GANDHI ROAD, LUCKNOW**

Rs. in Lakhs

S.No.	Particulars	Total Cost Estimated	Amount incurred
1	2	3	4
1	**Land Cost** (a) Acquisition cost of land (purchase or through agreement with land owner) and legal costs on land transaction; (b) Amount payable to obtain development rights, additional FAR and any other incentive under Local Authority or State Government or any Statutory Authority, if any; (c) Acquisition cost of TDR (Transfer of Development Rights), if any; (d) Amounts payable to State Government or competent authority or any other statutory authority of the State or Central Government towards stamp duty, transfer charges, registration fees etc. (if not included in para (a) above); (e) Interest (Other than Penal Interest , Penalties etc) paid to FI , Scheduled Banks , NBFC and "Unsecured Loan at State Bank of India - Marginal cost of Fund based lending Rate (SBI -MCLR)" on money borrowed for purchase of land and also to ,Competent Authority.	1203.21	1203.21
	SUB TOTAL LAND COST (in Lakhs)	1203.21	1203.21

S.No.	Particulars	Total Cost Estimated	Amount incurred
1	2	3	4
2	**Project Clearance Fees** (a) Fees paid to RERA (b) Fees paid to Local Authority (c) Consultant/Architect Fees (directly attributable to project) (d) Any other (specify)	3183.55	781.66
	SUB TOTAL FEES PAID (in Lakhs)	3183.55	781.66
3A	**Cost of Development And construction**		
	(a) Cost of services (water, electricity to construction site) , Site Overheads;	25984.93	0.13
	(b) Depreciation cost of machinery and equipment purchased, or hired and maintenance costs, consumables etc., (so long as these costs are directly incurred in the construction of the concerned project);		
	(c) Cost of material actually purchased;		
	(d) Cost of Salary and Wages (excluding cost of salaries of employees of the company not directly attached to project);		
	Sub Total of Construction Cost (in Lakhs) (sum of (a) to (d) of Row 3a)	25984.93	0.13
3B	Cost of construction incurred (As Certified by Project Engineer)	25984.93	0.00
3C	***Total Construction Cost = 3A(a) + 3A(b) + 3A(d) + [Lower of 3A(c) and 3B]***	**25984.93**	**0.13**
3D	Interest (Other than Penal Interest and Penalties etc.) paid to Financial Institution , Scheduled Banks , NBFC and Unsecured Loan at "SBI-MCLR" on money borrowed for construction)	2716.98	0.00
3	**TOTAL DEVELOPMENT AND CONSTRUCTION COST (Row 3C +3D)**	28701.91	0.13
4	**TOTAL COST OF PROJECT (Row 1+ Row 2+ Row 3)**	**33088.67**	**1984.99**

C-94, LALKOTHI, SCHEME JAIPUR-15, RAJASTHAN MOBILE: +919829555874 | 31-32, FIRST FLOOR,C.S.C. RAJOHANI ENCLAVE, PITAMPURA, NEW DELHI-34 MOBILE: +91 9811547277 | E-MAIL: MAIL@RNGCA.COM WEB: WWW.RNGCA.COM TELEFAX +91 1412742995

5	Percentage completion of Construction Work completed (as per Project Engineer, Architect's Certificate)	0.00%
6	Percentage completion of Total project (Proportionate cost incurred on the project to the total estimated cost) (Col.4 of row 4 / Col.3 of row 4)%	6.00%
7	Total amount received from allottees till date since Inception of the Project (excluding GST, net of cancellations/refunds)	0.00
8	70% Amount to be deposited in Designated Account **(0.7*Row 7)**	0.00
9	Cummulative Amount that can be withdrawn from Designated a/c, i.e. **(Total Estimated Cost * Proportionate Cost Incurred on the Project) (Column 3 of Row 4 * row 6)**	1984.99
10	Amount actually withdrawn till date since inception of the project (This shall include 70% of the amounts already realised till date but not deposited in the designated Account)	0.00
11	Balance available in Designated A/c.	0.00
12	Amount that can be withdrawn from the designated Bank A/C under this certificate **(Row 9 – Row 10)**	**1984.99**

This certificate is being issued on specific request of M/s Supreme Real Estate Developers Private Limited for UP RERA compliance. The certification is based on the information and records produced before us/me and is true to the best of our/my knowledge and belief.

Note: -

1. In no circumstances, we shall be liable for any loss of damage, of whatsoever nature arising from the information / material required to our work being withheld or concealed from us or misrepresentation to us by the Company, directors, employees or agents or any other person.
2. We undertake no responsibility to update this certificate for events or circumstances occurring after the date of this certificate.
3. Our certificate is based on the information / documents to the extent furnished to us. We have relied on the information / documents furnished to us by the Company / official of the Company.

Date: 30.08.2023
Place: Jaipur

For Ramanand Goyal & Company
FRN. 002384C

CA Praneti Agarwal
(Partner)
Membership. No. 432257

C-94, LALKOTHI, SCHEME JAIPUR-15, RAJASTHAN
MOBILE: +919829555874
21-22, FIRST FLOOR,C.S.C. RAJDHANI ENCLAVE, PITAMPURA, NEW DELHI-34
MOBILE: +91 9811547277
E-MAIL: MAIL@RNGCA.COM
WEB: WWW.RNGCA.COM
TELEFAX +91 1412742995