

To,
The Director(s)
The Regional Office,
Ministry of Environment Forest & Climate Change,
(Central Region), Kendriya Bhawan,
5THFloor, Sector-H, Aliganj,
Lucknow-226024

Date:

Sub: Submission of half - yearly Compliance report showing the status of compliance of the stipulated conditions as specified in Environmental Clearance Letter for Proposed of IT/ITES Park "MENTIS" at Plot No.- 02, Sector No.- 140, Noida, U.P., by M/s GYGY Infradesign Pvt. Ltd.

Ref: EC Identification No. - EC22B038UP158142 File no. - 7088 dated 19/07/2022

Dear Sir,

This is in reference to the Environmental Clearance Letter as issued to our project we are hereby submitting the status of compliance to the stipulated conditions as specified in the same, in the month of June, 2023 in soft copy.

Thanking you,

Yours Sincerely,
M/s GYGY Infradesign Pvt. Ltd.

For GYGY INFRADESIGN PVT. LTD.

(Authorised Signatory)

Authorised Signatory

Encl. Soft copy of six monthly compliance report in the form of CD.

Copy to:

- The Member Secretary, U.P. Pollution Control Board, Building No. TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226010
- Directorate of Environment, U.P., Dr. Bhim Rao Ambedkar Paryavaran Parisar, Vineet Khand 1, Gomti Nagar, Lucknow.
- The Regional Officer, U.P. Pollution Control Board, E-12/1, Sector 1, Noida, Gautam Buddh Nagar, Noida.

GYGY INFRADESIGN PVT. LTD.

Site Office: Plot Number-2, Sector-140, Noida, Uttar Pradesh - 201 302 (INDIA)
T +91 11 4238 4452 E info@gygygroup.com W gygygroup.com



SIX MONTHLY COMPLIANCE REPORT FOR SUBMISSION ON JUNE 2023

**Proposed of IT/ITES Park "MENTIS"
at
Plot No.- 02, Sector No.-140, Noida, U.P.**

M/s GYG Infradesign Pvt. Ltd.

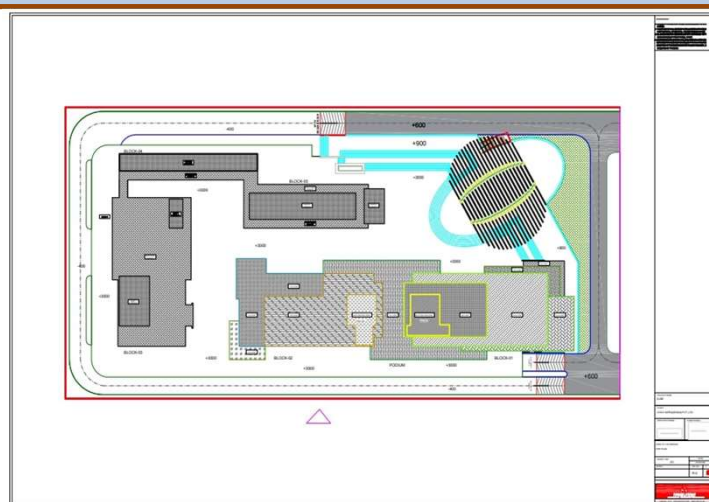
EC LETTER

**EC Identification No. - EC22B038UP158142 File No. - 7088 dated
19/07/2022**

Name of Consultant & NABET Accreditation No



**Amlinka Solutions & Technologies Pvt. Ltd. | www.aplinka.in
Corp. Office : A-48, Sector-64, Noida - 201301
NABET Accreditation No: NABET/EIA/2225/RA 0261_Rev 02**





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

To,

The Director
 GYGY INFRADESIGN PRIVATE LIMITED
 F-17/21, Sector 8, Rohini, New Delhi. -110085

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/MIS/273294/2022 dated 17 May 2022. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC22B038UP158142
2. File No.	7088
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	8(a) Building and Construction projects
6. Name of Project	MENTIS
7. Name of Company/Organization	GYGY INFRADESIGN 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: 19/07/2022

(e-signed)
 Member Secretary
 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.

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State Level Environment Impact Assessment Authority, Uttar Pradesh

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/MIS/273294/2022 & SEIAA, U.P File no-7088

Sub: Environmental Clearance for Proposed of IT/ITES Park “MENTIS” at Plot No.- 02, Sector No.- 140, Noida, U.P., M/s GYG Infradesign Pvt. Ltd.

Dear Sir,

This is with reference to your application / letter dated 17-05-2022 & 13-06-2022 on above mentioned subject. The matter was considered by 663th SEAC in meeting held on 16-06-2022 and 625th SEIAA in meeting held on 05-07-2022.

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment & Development to SEAC on 16-06-2022.

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 Proposed of IT/ITES Park “MENTIS” at Plot No.- 02, Sector No.- 140, Noida, U.P., M/s GYG Infradesign Pvt. Ltd.
2. Salient features of the project:

Project Location	Proposed IT/ITES Park “MENTIS” at Plot No. 02, Sector No. – 140, Noida, Uttar Pradesh
Land Use	The project falls under Institutional Land use as per Noida Master Plan 2021.
Built-up Area	The total plot area of project site is 20,000.00 sqm and the Built-up area of the project is 90,772.05 sqm.
Type of Development/Utility	The project leads to institutional development of IT/ITES Park “MENTIS” to be developed with IT office space and other amenities.
Total Water Requirement and source	Total fresh water requirement is 394 KLD and it shall be sourced through municipal supply.
Waste Water Generation and its Treatment	258 KLD Waste water will be generated and shall be treated in the sewage treatment plant having capacity of 300 KLD. Treated water shall be re-used for horticulture activities, flushing etc.
Solid Waste	Total solid waste- 1187 KG/day Management of Solid waste as per the solid waste management Rule, 2016 and organic waste converter shall be installed for biodegradable waste management.
Rain Water Harvesting	02 Rain Water Harvesting Pits are proposed.
Power Requirement and backup in case of power failure	Total Power Demand is 8000 Kw Source of Power is Uttar Pradesh Power Corporation Limited. 4 Nos of D.G. Sets of capacity 1500 KVA each to be installed for power backup only.

Project Cost	Rs. 160 Crore
CER Cost	Rs. 2.4 Crore [1.5% of project cost]

3. Area details of the project:

Total Plot Area	20000.00 sqm
Permissible F.A.R. @ 2.10%	42000.00 sqm
Total Proposed F.A.R.	41993.96 sqm
No of Basements	2 Nos
Area of Basement 01	14253.85 sqm
Area of Basement 02	12947.99 sqm
No of Floors	24 Floors + Lower & Upper Ground Floor + 2 Basements
No of Towers	2 Towers + One wing structure
Permissible Green area @ 50% of open area	7019.53 sqm
Proposed Green Area	7029.43 sqm 140 trees proposed to be planted
Proposed Service Area	5998.48 sqm
Lower Ground Floor Area (Podium Area)	938.433 sqm
Total Built-up Area	90772.05 sqm
Height of the building	101.75 meter

4. Water requirement details:

S.No	Description	Population/area		Fresh Water		Flushing Water	Total Water	Flow to sewer		
		Nos	LPCD	KLD	LPCD	KLD	KLD	Domestic 80%	Flushing 90%	KLD
A	Total population	5933	25.0	148.32	20	119	267.32	119	119	238
	Staff population	295	25.0	7.4	20	6	13.4	6	6	12
	Floating population	590	25.0	3	10	6	9	2.4	6	8.4
B	Landscape development	7029.43	2.0				14			
C	DG set cooling	6000 KVA DG Set	0.9l/kVA/hr for 6 hr				32.4			
D	HVAC	2000 TR	(9 l/Ton/hr for 16 hr)				288			
TOTAL				159		131	624.12	127.4	131	258.4

5. Solid waste generation details:

S.No	Particular	Population	Waste generated Kg/day
1	Commercial population (@0.2 kg/cap/day)	5933	1187
2	Staff (@ 0.25 kg/day)	295	74
3	Visitors (@ 0.15 kg/day)	590	89
4	Horticulture waste (@0.0036/sq/day)		25
5	E waste (0.15 kg/C/Yr)		<1

6. Parking details:

S. No	Particulars	ECS
1.	Permissible Car Parking @ 50 sq. per ECS	840.00
2.	Proposed Car Parking	1167.00

7. 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 16-06-2022 the State Level Environment Impact Assessment Authority (SEIAA) in its Meeting held 05-07-2022 and decided to grant of environmental clearance on the proposal as above along with specific conditions and following standard environmental clearance conditions:

1. 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.
2. The project proponent shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR", directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.
3. 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 lightening 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.
4. 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 and PM25) covering upwind and downwind directions during the construction period.

4. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board. 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. Low Sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
5. 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.
6. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7. Wet jet shall be provided for grinding and stone cutting.
8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9. 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.
10. 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 emission standards.
11. For indoor air quality the ventilation provisions as per National Building Code of India.
5. 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.
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.
6. 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.
7. 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.
8. 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.
9. 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.

10. 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.

11. 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. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
3. 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.
4. Occupational health surveillance of the workers shall be done on a regular basis.
5. A First Aid Room shall be provided in the project both during construction and operations of the project.

12. 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.
13. Miscellaneous:
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. CER activities must not be less 2% of the project cost. The CER activities should be related to mitigation of Environmental Pollution and awareness for the same.
 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 the Construction and Demolition Waste Management Rules.
 9. The project proponent shall install micro solar power plants, toilets in nearby villages, public place or school from CER fund of the project for which E.C is granted in addition to and water harvesting pits and carbon sequestration parks / designed ecosystems.
 10. 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 Forest (conservation) Act, 1980 and submit before the start of work.
 11. 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.
 12. 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.
 13. Provision for charging of electric vehicles as per the guidelines of GoI / GoUP should be submitted within the next 3 months.
 14. 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.

15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
21. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report.
22. 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).
23. 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.
24. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
25. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
26. 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.
27. 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.
28. 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 G.B. Nagar. 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 is not a part of any no-development zone as required/prescribed/identified under law. In case of the violation this permission shall automatically be deemed to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this Clearance shall automatically be deemed to be cancelled.

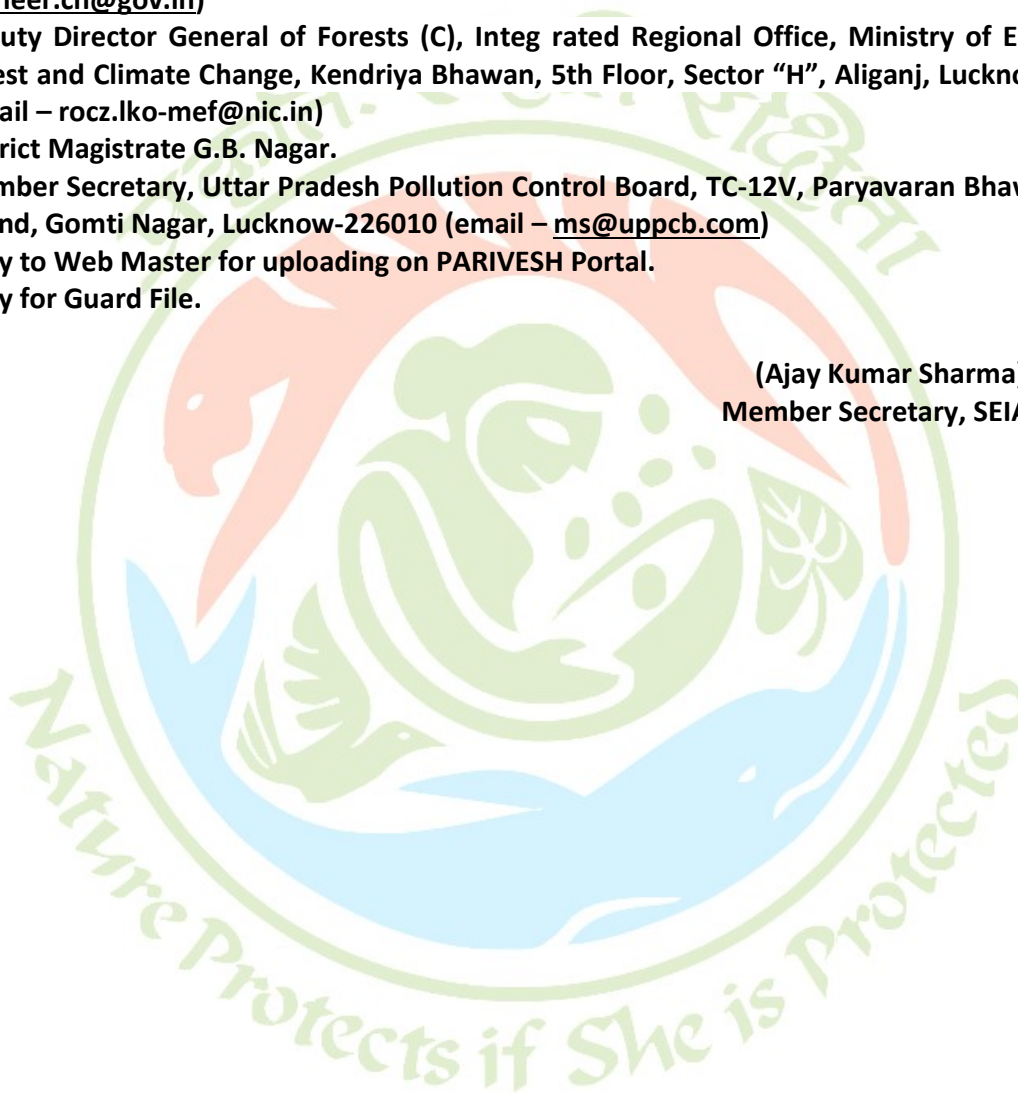
Further project proponent has to submit the regular 6 monthly compliance report regarding general & specific conditions as specified in the E.C. letter and comply the provision of EIA notification 2006 (as Amended).

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. **The Principal Secretary, Department of Environment, Forest and Climate Change, Government of Uttar Pradesh, Lucknow (email – soenvups@rediffmail.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), Integrated 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 G.B. Nagar.**
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.**

(Ajay Kumar Sharma)
Member Secretary, SEIAA



Project Name	Proposed of IT/ITES Park "MENTIS"	June 2023
Project Proponent	M/s Gygy Infradesign Pvt. Ltd.	
Project Address	Plot No.- 02, Sector No.- 140, Noida, U.P.	

POST ENVIRONMENTAL COMPLIANCE STATUS

Name of the project: Proposed of IT/ITES Park "MENTIS" at Plot No.- 02, Sector No.- 140, Noida, U.P., M/s GYGY Infradesign Pvt. Ltd.

EC letter no.: EC22B038UP158142 File No. - 7088 dated 19/07/2022

Compliance of conditions as mentioned in the EC letter

S. No.	EC letter Conditions	Compliance
1.	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.	Noted. The condition pertains to construction phase. Consent to Establish has been obtained and the same is attached as Annexure I . Currently the project is at the initial stage of the construction. Anti-smog guns will be deployed at site to reduce the dust emission. Mining permission has been obtained and is attached as Annexure IX .
2.	The project proponent shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR"; directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.	Noted. This condition will be complied. Temporary electricity connection will be provided during the appropriate stage of construction phase of the project. Currently the project is at the initial stage of the construction.

3. 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.	Noted. Building Plan approval has been obtained and is attached as Annexure V .
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting	Noted. This will be followed. Approval from competent Authority will be obtained. Currently no construction has been started. However, all

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	equipment etc. as per National Building Code including protection measures from lightening etc.	the amenities like First Aid Facilities, Fire Fighting Arrangements will be followed during construction & operation phase.
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.	Noted and agreed.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Noted and agreed.
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.	Noted. The Consent to establish has been obtained and is attached as Annexure I .
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.	Noted. Ground water abstraction has not been proposed for the project. Fresh water requirement will be sourced through municipal water supply. For construction purpose, treated water will be procured through tankers. Currently the project is at the initial stage of the construction
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.	Noted. Currently the project is at the initial stage of the construction. Temporary electricity connection will be obtained during the construction phase. The power demand for the project will be supplied by Uttar Pradesh Power Corporation Limited.
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.	Noted. AAI NOC has been obtained and is attached as Annexure III . Provisional Fire NOC has been obtained and is attached as Annexure IV .

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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.	Currently the project is at the initial stage of the construction. During the construction phase, solid waste will be managed as per Solid waste management rules 2016. During the operation phase, organic waste convertor (OWC) will be installed at the site for management of bio-degradable waste.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Noted. This will be followed. The project is IGBC certified with Gold rating. The certificate has been attached as Annexure XII .

4. 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.	All the measure for preventing dust emission from the site will be followed during the construction phase. 1. Regular sprinkling will be done at the site. 2. Construction material will be adequately covered at site. 3. Adequate height barricading has been provided at the site. 4. Buildings will be covered with green nets. 5. Vehicles used in transportation of construction materials will be covered and vehicles with valid PUC certificates are being allowed to enter the site. PUC certificates are attached as Annexure XVI .
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Noted. This will be followed. Environment Management Plan is attached as Annexure VI .
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 and PM2.5) covering upwind and downwind directions during the construction period.	Noted. Currently the project is at the initial stage of the construction. Ambient air is within the prescribe limit. To manifest the same environmental monitoring reports are attached as Annexure II .
4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the	Noted. Currently the project is at the initial stage of the construction. Temporary electricity connection will be obtained during the

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	Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board. 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. Low Sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	construction phase. The power demand for the project will be supplied by Uttar Pradesh Power Corporation Limited. The DG sets will be equipped each with acoustic enclosure to minimize noise generation and adequate stack height to minimize the emission. DG sets will be rarely operated only in case of power failure.
5.	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.	All the measure for preventing dust emission from the site will be followed during the construction phase. 1. Regular sprinkling will be done at the site. 2. Construction material will be adequately covered at site. 3. Adequate height barricading has been provided at the site. 4. Buildings will be covered with green nets. 5. Vehicles used in transportation of construction materials will be covered and vehicles with valid PUC certificates are being allowed to enter the site. PUC certificates are attached as Annexure XVI .
6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Construction material will be adequately covered with green nets/tarpaulin sheet covers at the project site.
7.	Wet jet shall be provided for grinding and stone cutting.	Noted.
8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Regular sprinkling will be done at the site to prevent dispersion of dust in air.

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9.	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.	Noted. This will be followed.
10.	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 emission standards.	The DG sets will be equipped each with acoustic enclosure to minimize noise generation and adequate stack height to minimize the emission. Running of DG sets will only be considered in case of power failure.
11.	For indoor air quality the ventilation provisions as per National Building Code of India.	Noted. This will be followed.

5. 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.	No natural drainage pattern will be affected by the proposed project. The rain run-off will be adequately handled inside the project premises and will be used for recharging the Ground water via rain water harvesting pits.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Noted.
3.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.	Noted. Total fresh water requirement is 394 KLD and it shall be sourced through municipal supply. This will be complied when applicable stage of the project will be achieved.
4.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water	Noted. This condition pertains to operational phase. CTE has been obtained. Currently the project is at the initial stage of the construction.

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	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.	Noted. The said condition will be followed once the project gets operational. Currently the project is at the initial stage of the construction.
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.	Noted. Green area will be developed as per the plan submitted during the EC proposal. This will be followed when the project will reach at the applicable stage of construction. Currently, no construction activity has been started. A green area development detail is attached as Annexure VIII.
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.	Noted. The following condition pertains to operation phase. Currently, no construction activity has been started. Dual plumbing line will be provided to separate grey and black water.
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.	Noted. The following condition pertains to operation phase. Currently the project is at the initial stage of the construction.
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.	Noted. The following condition pertains to operation phase. Currently the project is at the initial stage of the construction.
10.	Water demand during construction should be	Noted. Fly ash will be used in the construction

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	reduced by use of pre-mixed concrete, curing agents and other best practices referred.	material on commencement of construction work. CTE has been obtained. Currently the project is at the initial stage of the construction.
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.	Noted. Proposed number of RWH pits will be constructed at the applicable stage of the project. RWH plan is available and is attached as Annexure XV .
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.	Noted.
13.	All recharge should be limited to shallow aquifer	Noted. Storm water line will be provided to recharge ground water through RWH pits.
14.	No ground water shall be used during construction phase of the project.	Noted. No ground water has been proposed for construction and operation phase. Treated water will be used for the construction work. Currently the project is at the initial stage of the construction.
15.	Any ground water dewatering should be properly managed and shall conform to the 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.	Noted. No ground water has been proposed for construction and operation phase. Treated water will be used for the construction work. CTE has been obtained and currently the project is at the initial stage of the construction.

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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.	Noted. This condition pertains to operational phase. CTE has been obtained and currently the project is at the initial stage of the construction.
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.	Noted. During Operational Phase, wastewater generated will be through STP installed at the site. The treated waste water will be utilized in landscaping and flushing. CTE has been obtained and currently the project is at the initial stage of the construction. This will be followed once the project will be operational.
18.	No sewage or untreated effluent water would be discharged through storm water drains.	Noted. This will be followed. CTE has been obtained and currently the project is at the initial stage of the construction. This will be followed once the project will be operational. All the sewage will be channelized to the onsite STP for treatment. After the treatment, it will be reused for flushing and landscaping.
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.	Noted. CTE has been obtained and currently the project is at the initial stage of the construction. STP will be installed during the later stages of construction. During operational phase, generated wastewater will be treated in the on-site STP and utilized in landscaping and flushing.
20.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary	Noted. This will be carried out at applicable stage of the project. CTE has been obtained and

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	measures should be made to mitigate the odor problem from STP.	currently the project is at the initial stage of the construction.
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.	Noted. CTE has been obtained and currently the project is at the initial stage of the construction. This will be followed once the project will be operational. During the operation phase, sludge generated from the onsite installed STP will be dried and utilized as manure for green belt development at the site.

6. 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.	Noted. CTE has been obtained and currently the project is at the initial stage of the construction. Ambient noise is within the prescribe limit. To manifest the same, environmental monitoring reports have been attached as Annexure II .
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.	Noted.
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.	To prevent noise pollution, measures will be taken at the site. 1. For operation phase, acoustically enclosed DG sets will be provided at the site. 2. Green belt will be developed around the project site during the later stage of the construction. 3. Adequate height of barricading has been provided. 4. Vehicles used in transportation of

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		construction materials will be covered and vehicles with valid PUC certificates are being allowed to enter the site. PUC certificates are attached as Annexure XVI .
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7. 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.	Noted. This will be followed. ECBC report has been submitted during the proposal.
2.	Outdoor and common area lighting shall be LED.	LEDs will be installed at the site during operation phase.
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 EC Identification No. - EC22B038UP158142 File No. - 7088 Date of Issue EC - 19/07/2022 Page 6 of 11 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.	Noted. Solar Lighting will be installed at the site in common areas, landscape areas, signage, entry gates and boundary walls etc.
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.	Agreed. Energy efficient & saving lightings in the common/open area will be preferred inside & outside the buildings.
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.	Noted. CTE has been obtained and currently the project is at the initial stage of the construction. This will be incorporated during operation phase. Solar lighting will be provided in open area.
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	Noted. CTE has been obtained and currently the project is at the initial stage of the construction. This will be incorporated during operation

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	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.	phase. Solar Lighting will be installed in common areas, landscape areas, signage, entry gates and boundary walls etc.
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8. 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.	Noted. CTE has been obtained and currently the project is at the initial stage of the construction. During operation phase, the biodegradable waste generated from the domestic activities will be treated in the proposed organic waste converter. Solid Waste Management Plan is attached as Annexure XIII .
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.	Noted. All the excavated soil which will be generated during construction will be reused in backfilling and levelling.
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.	Agreed. Colour coded bins (green & blue) will be provided at different locations at the project site for the segregation of waste.
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.	Organic waste converter (OWC) will be installed during the operation phase of the project for management of bio-degradable waste.
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.	Noted. This will be followed.

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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.	Noted. This will be followed. Hazardous waste if generated at the site will be managed as per Hazardous Waste Management Rule 2016.
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.	Noted. CTE has been obtained and currently the project is at the initial stage of the construction. This will be followed in the construction phase of the project.
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.	Noted. CTE has been obtained and currently the project is at the initial stage of the construction. This will be followed in the construction phase of the project.
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.	All the waste generated from construction activities will be managed as per 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.	Noted. This will be followed during operation phase.

9. 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	The land during the acquisition was vacant and was devoid of any tree. Therefore, no tree cutting was done at the site.
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	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.	Noted. The trees will be planted on the site as per the plan during the later stages of construction. A green area development detail is attached as Annexure VIII .
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.	Noted. The land during the acquisition was vacant and was devoid of any tree. Therefore, no tree cutting was done at the site.
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.	Noted. The excavated top soil will be stockpiled at designated location within the project site and will be utilized in backfilling and landscape development.

10. 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	Noted. This will be followed. Internal roads will be constructed as per the site plan submitted during EC proposal. Separate entry and exit gates will be constructed to avoid the traffic congestion. Parking area will be provided within the site to minimize the traffic load outside the project site.
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Environment Consultant	Aplinka Solutions & Technologies Pvt. Ltd, Noida Uttar Pradesh	13
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Project Name	Proposed of IT/ITES Park "MENTIS"	June 2023
Project Proponent	M/s Gygy Infradesign Pvt. Ltd.	
Project Address	Plot No.- 02, Sector No.- 140, Noida, U.P.	

	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.	Noted. CTE has been obtained and currently the project is at the initial stage of the construction. Only PUC certified vehicles will be allowed to enter the construction site.
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.	Noted.

11. 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.	Noted. CTE has been obtained and currently the project is at the initial stage of the construction.
2.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted. Disaster Management Plan is available and is attached as Annexure VII .
3.	Provision shall be made for the housing of	Noted. CTE has been obtained and currently the

Environment Consultant	Aplinka Solutions & Technologies Pvt. Ltd, Noida Uttar Pradesh	14
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Project Name	Proposed of IT/ITES Park "MENTIS"	June 2023
Project Proponent	M/s Gygy Infradesign Pvt. Ltd.	
Project Address	Plot No.- 02, Sector No.- 140, Noida, U.P.	

	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.	project is at the initial stage of the construction. Hutments with basic amenities such as drinking water, electricity, toilet facilities will be provided to labours.
4.	Occupational health surveillance of the workers shall be done on a regular basis.	Noted.
5.	A First Aid Room shall be provided in the project both during construction and operations of the project.	Noted. Currently the project is at the initial stage of the construction. First aid facility will be provided on commencement of construction work.

12. 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.	Noted. This will be followed. CER plan is available and is attached as Annexure XI .
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.	Noted. This will be followed.
3.	A separate Environmental Cell both at the project and company head quarter level, with	Noted. This will be followed. Environmental Cell Management is available and is attached as

Environment Consultant	Aplinka Solutions & Technologies Pvt. Ltd, Noida Uttar Pradesh	15
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Project Name	Proposed of IT/ITES Park "MENTIS"	June 2023
Project Proponent	M/s Gygy Infradesign Pvt. Ltd.	
Project Address	Plot No.- 02, Sector No.- 140, Noida, U.P.	

	qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Annexure X.
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.	Noted. Environment Management plan has been attached as Annexure VI.

13. Miscellaneous:

1.	The project proponent shall submit within the next 3 months the details of solar power plant and solar electrification details within the project.	Noted. This will be followed.
2.	The project proponent shall ensure to plant broad leaf trees and their maintenance. The CPCB guidelines in this regard shall be followed.	Noted. The trees will be planted on the site as per the plan during the later stages of construction. Currently, no construction work has been started at the project site.
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. CER activities must not be less 2% of the project cost. The CER activities should be related to mitigation of Environmental Pollution and awareness for the same	Noted. This will be followed. CER plan is available and is attached as Annexure XI.
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.	Noted. This will be followed. CTE has been obtained and currently the project is at the initial stage of the construction.

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Project Name	Proposed of IT/ITES Park "MENTIS"	June 2023
Project Proponent	M/s Gygy Infradesign Pvt. Ltd.	
Project Address	Plot No.- 02, Sector No.- 140, Noida, U.P.	

5.	The project proponent shall submit within the next 3 months the details of segregation plan of MSW.	Noted. This will be followed. Solid Waste Management plan is available and is attached as Annexure XIII.
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.	Noted. This condition pertained to the operation phase of the project. During operation phase, wastewater generated will be through STP installed at the site. The treated waste water will be utilized in landscaping and flushing. CTE has been obtained and currently the project is at the initial stage of the construction.
7.	Under any circumstances untreated sewage shall not be discharged to municipal sewer line.	Noted. This will be followed.
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 the Construction and Demolition Waste Management Rules.	All the measure for preventing dust emission from the site will be followed during the construction phase. 1. Regular sprinkling will be done at the site. 2. Construction material will be adequately covered at site. 3. Adequate height of barricading has been provided. 4. Buildings will be covered with green nets. 5. Vehicles used in transportation of construction materials will be covered and vehicles with valid PUC certificates are being allowed to enter the site. PUC certificates are attached as Annexure XVI.
9.	The project proponent shall install micro solar power plants, toilets in nearby villages, public place or school from CER fund of the project for which E.C is granted in addition to and water harvesting pits and carbon sequestration parks / designed ecosystems.	Noted. This will be followed in the later stage of the project.
10.	A certificate from Forest Department shall be	Noted and agreed.

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Project Name	Proposed of IT/ITES Park "MENTIS"	June 2023
Project Proponent	M/s Gygy Infradesign Pvt. Ltd.	
Project Address	Plot No.- 02, Sector No.- 140, Noida, U.P.	

	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 Forest (conservation) Act, 1980 and submit before the start of work.	
11.	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.	Noted. The condition pertains to construction phase. CTE has been obtained and currently the project is at the initial stage of the construction. After obtaining the Consent to Establish, anti-smog guns will be deployed at site to reduce the dust emission.
12.	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.	Noted. Ground water abstraction has not been proposed for the project. Fresh water requirement will be sourced through municipal water supply. For construction purpose, treated water will be procured through tankers.
13.	Provision for charging of electric vehicles as per the guidelines of GoI / GoUP should be submitted within the next 3 months.	Noted. This will be followed.
14.	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.	Noted and agreed.
15.	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	Noted. This will be followed.

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Project Name	Proposed of IT/ITES Park "MENTIS"	June 2023
Project Proponent	M/s Gygy Infradesign Pvt. Ltd.	
Project Address	Plot No.- 02, Sector No.- 140, Noida, U.P.	

	receipt.	
16.	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.	Noted. This will be followed.
17.	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.	Noted. This will be followed.
18.	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.	Noted and agreed.
19.	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.	Noted.
20.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted.
21.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report.	Noted. Environment Management plan has been attached as Annexure VI .
22.	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).	Noted.

Project Name	Proposed of IT/ITES Park "MENTIS"	June 2023
Project Proponent	M/s Gygy Infradesign Pvt. Ltd.	
Project Address	Plot No.- 02, Sector No.- 140, Noida, U.P.	

23.	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.	Noted.
24.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Noted.
25.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted.
26.	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.	Noted and agreed.
27.	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.	Noted.
28.	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.	Noted.

ANNEXURE I
CONSENT TO ESTABLISH



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 :14/04/2023 To 13/04/2028

Ref No. - 176620/UPPCB/Noida(UPPCBRO)/CTE/NOIDA/2023

Dated:- 14/04/2023

To ,

Shri NAVNEET JITENDER DUHAN

M/s IT/ITES Park " Mentis" by GYGY INFRADESIGN PRIVATE LIMITED

Plot No.- 02, Sector No.- 140, Noida, Uttar Pradesh

NOIDA

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 Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 19669350 dated - 31/01/2023. 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
Building and Construction Material	Metric Tonnes/Day	

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
Proposed IT/ITES Park	0

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
NA	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)
Municipal Supply	Municipal Water Supply	394.0

3. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	394.0

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

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use
Diesel	0.0015	D.G. Set

5. For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish 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 Establish 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 13/04/2028 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 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 valid for the development of Building (IT/ITES park) Project in Plot Area -20000 sq.mt. & Builtup Area-90772.05 sq.mt. The Project shall be constructed as per approved map from the competent authority. In case of any change in capacity, the project will have to intimate the Board. For any enhancement of the above, fresh Consent to Establish has to be obtained from U.P. State Pollution Control Board. PP shall strictly implement the Pollution mitigating measures issued by the Hon'ble Supreme Court/National Green Tribunal (NGT), CPCB, EPCA, UPPCB, MOEF etc. time to time besides daily water sprinklers & use of anti smog gun and PTZ cameras at the project during construction period. Unit shall comply with the conditions of Environmental Clearance issued by competent authority.
2. Unit shall comply with the Uttar Pradesh Groundwater (Management and Regulation) Act 2019.
3. The Project shall comply 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. The Project shall comply the provisions of Construction & Demolition Rules 2016 & MSW Rules 2016.
4. The unit shall comply with the various provisions of notification no G.S.R 94(E) dated 25-01-2018 issued by the Ministry of Environment, Forest and Climate Change.
5. As per Project Report 394 KLD water will be used for domestic purposes and the water will be provided by Noida Authority. The project will generate approx 258 KLD of wastewater. Waste water will be treated by proposed STP of 300 KLD. Treated water will be recycled for flushing, horticulture and road washing. Surplus treated water will be disposed to the sewer line. Project shall ensure the compliance of Environment standards as per Environment (protection) Act 1986. Maximum quantity of treated water shall be used in gardening /flushing. The Unit will ensure the continuous and uninterrupted data supply from the OCEEMS to the CPCB server. The unit will follow the CPCB Guidelines for Utilization of Treated Effluent in Irrigation available in the CPCB web portal.
6. At the project site a display board size 4x6 feet shall be installed to display the provisions of Construction and Demolition Rules 2016.
7. The Project shall develop proper green belt and rain water harvesting system as per Authority guidelines. For green belt at least 8 feet height plants should be planted which shall be properly protected as proper irrigation and manuring arrangements shall be made. For the development of the green belt the guidelines issued vide Board office order no. H10405/220/2018/02 Dt. 16-02-2018 shall be complied.
8. The Project shall comply the provisions of notification dt.07-10-2016 of Ministry of Water Resources, River Development and Ganga Conservation GOI.
9. The Project shall abide by directions given by Hon'ble Supreme Court, High Court, National Green Tribunals, Central Pollution Control Board and Uttar Pradesh Pollution Control Board for protection and safeguard of environment from time to time.
10. The Project shall install shall install 1500x4 KVA DG set for power backup along with adequate stack and APCS as specified in E.P Rules 1986 with adequate acoustic enclosures on each DG sets. Unit shall comply with the CAQM (Commission for Air Quality Management in NCR and Adjoining Areas) direction no. 55, 58 and 71 regarding DG sets. Under the Noise Pollution (Regulation and Control) Rule 2000, the project shall take adequate measures for control of noise from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(A) during day time and 70 dB(A). Project shall use clean fuel as far as possible.
11. The Project shall not establish Hot Mix/Ready Mix/Wet Mix Plant without prior permission of Board. All construction activities shall be according to authority guidelines.
12. The Project shall not start gaseous emission & sewage generation without prior consent of the Board.
13. The project shall ensure the time bound compliance of proposal submitted regarding stringent norms as published by the UPPCB vide office memorandum no.H48273/C-1/NGT-83/2020, dt. 27-02-2020 (available at URL uppcb.com/pdf/uppcb_28022020.pdf) in compliance of the Hon'ble NGT order dt.14.11.2019 in O.A.No.1038/2018.
14. The dust emission from the construction sites will be completely controlled and all precautions including Anti-smog guns as per order of Hon'ble Supreme Court dated 13-01-2020 will be installed in the site at suitable places.
15. The Project shall dispose the Hazardous Waste through authorized recyclers/ TSDF.
16. The Project shall not use ground water in construction activities. Only STP treated water shall be used.
17. The Unit will 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.
18. Storage of any construction material particularly sand will not be done on any part of street and roads in the projects area. The construction material of any kind stored on site will 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 will be completely controlled and all precautions will be taken in that behalf.
19. All the construction material & debris will 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.
 20. The vehicles carrying construction debris or construction material of any kind will be cleaned before it is permitted to ply on the road after unloading of such material.
 21. Every worker working on the construction site and involved in loading, unloading and carriage of construction debris or construction material shall be provided with mask to prevent inhalation of dust particle.
 22. All medical aid, investigation and treatment will be provided to the workers involved in the construction of building and carrying of construction of building and carrying of construction debris or construction material related to dust emission.
 23. The transportation of construction material and debris waste to construction site, dumping site or any other place will be carried out in accordance with rules.
 24. Fixing of sprinklers and creation of green air barriers will be done to control fugitive dust emission and improve environment.
 25. Compulsory use of wet jet in grinding and stone cutting will be practiced.
 26. Wind breaking wall will be constructed around the construction site.
 27. All approach roads & in campus roads should be sprinkled with water to suppress the dust emission.
 28. In case of violation of above mentioned conditions or any public complaint the consent to establish shall be withdrawn in accordance with law.
 29. The project shall submit first compliance report with respect to conditions imposed within 30 days of issue of this permission.
 30. Unit shall 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 and BG of Rs. 50,000/- be deposited within a months time along with the proposal for proposed plantation.
 31. Unit shall comply with the CAQM (Commission for Air Quality Management in NCR and Adjoining Areas) direction no. 53 and 62 and 65 and other direction issued time to time regarding use of cleaner fuel.
 32. Project Proponent shall comply with the Hon'ble NGT Order passed time to time .
 33. Project Proponent shall also install digital water metres connected to central Concerned of UPPCB/CPCB.
 34. Project shall required to furnish an 'Appraisal report' with regard to the quantity of ground water available for extraction in the area and replenishment measures proposed by the concerned establishment such as rain water harvesting, sewage treatment, use of treated sewage. Project proponents may also undertake measures to compensate environment, particularly augmenting water quantity and improve water quality by afforestation, education and other measures which may be mentioned in the consent conditions and NOCs for extraction of ground water.
 35. Further, in respect of establishments having water supply from the local bodies and also extracting ground water, there should be separate digital metres in respect of both sources.
 36. Project shall install Dual plumbing systems and recycling of treated gray water for toilet flushing, floor washing, gardening to reduce around 30% of fresh potable water requirement.
 37. A Bank Guarantee of Rs. 10,00,000/- (Rs Ten lacs only) shall be submitted within 30 days including the above condition nos.1,2,4,5,7,10,11,13,14,16,17, and 29-36 which will be valid for two year otherwise this consent to establish shall be deemed to be withdrawn.

Please note that consent to Establish will be revoked, in case of, non compliance ot any of the above 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 14/05/2023 in this office. Ensure to submit the regular compliance report otherwise this Consent to Establish will be revoked.

CEO-1

Dated:- 14/04/2023

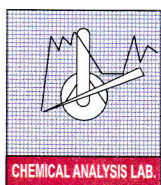
Copy To -

Regional Officer, UPPCB, Noida.

CEO-1

ANNEXURE II

ENVIRONMENTAL MONITORING REPORTS



CHEMICAL ANALYSIS LAB.

NABL ACCREDITED, ISO 9001:2015 CERTIFIED TESTING LABORATORY
ISO/IEC : 17025:2017

B-32, Shyam Park Ext.
Sahibabad, Ghaziabad (NCR)
Mob.: 9911777525, 8800646952
Email: labchemi@yahoo.in

TEST REPORT

Description of Sample: - Ambient Air

N.O.W.: - Proposed of IT/ITES Park "MENTIS"

Collection From: Plot No.- 02, Sector No.- 140, Noida (U.P)

Sample Collected & Submitted by: - Client Representative

Report No.: -CAL/A/71(139)/2023

Date of Report: -12/03/2023

Date of Analysis: - 03/03-12/03/2023

Date of Collection: -03/03/2023

Issued to: -

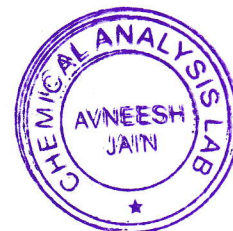
M/s GYGY Infradesign Pvt. Ltd.

Sr. No.	Parameter	Unit	Test Value	Limits as per Environment (Protection) Act. 1986	Test Method
1.	Particular Matter (PM ₁₀)	µg/m ³	88.9	100	IS 5182:(Part-23)
2.	Particular Matter (PM _{2.5})	µg/m ³	51.9	60	CPCB Volume-1
3.	Sulphur Dioxide	µg/m ³	20.7	80	IS 5182:(Part-2)
4.	Nitrogen Dioxide	µg/m ³	33.5	80	IS 5182:(Part-4)

Authorized Signatory

Quality Manager

END OF REPORT

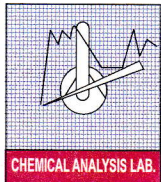


Note:

- The result listed refer only to the tested samples and applicable endorsement of product is neither inferred not implied.
- Total liability of our Lab is limited to the invoiced amount.
- Samples will be destroyed after ten days from the date of issue of test report.
- This report is not to reproduce wholly or in part and can not be used as an evidence in the court of law and should not be used in any adverting media without our special permission in writing.



TC-8283



CHEMICAL ANALYSIS LAB.

NABL ACCREDITED, ISO 9001:2015 CERTIFIED TESTING LABORATORY
ISO/IEC : 17025:2017

B-32, Shyam Park Ext.
Sahibabad, Ghaziabad (NCR)
Mob.: 9911777525, 8800646952
Email: labchemi@yahoo.in

TEST REPORT

Description of Sample: - Noise (At the boundary of Project Site)

N.O.W.: - Proposed of IT/ITES Park "MENTIS"

Collection From: Plot No.- 02, Sector No.- 140, Noida (U.P)

Sample Collected & Submitted by: - Client Representative

Report No.: -CAL/N/71(140)/2023

Date of Report: -12/03/2023

Date of Analysis: - 03/03-12/03/2023

Date of Collection: -03/03/2023

Issued to: -

M/s GYGY Infradesign Pvt. Ltd.

Sr. No.	Parameter	Unit	Test Value		Limits as per CPCB Guidelines dB (A) Leq		
			Day time (6.00 am to 10.00 pm)	Night Time (10.00 pm to 06.00 am)			
1.	Leq	dB(A)	52.4	41.3	Category of Area/Zone	Day Time	Night Time
					Industrial Area	75	70
2.	Lmax	dB(A)	63.9	49.4	Commercial Area	65	55
					Residential Area	55	45
					Silence Zone	50	40
3.	Lmin	dB(A)	45.4	32.2			

Authorized Signatory

Quality Manager



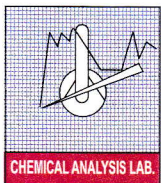
END OF REPORT

Note:

- The result listed refer only to the tested samples and applicable endorsement of product is neither inferred not implied.
- Total liability of our Lab is limited to the invoiced amount.
- Samples will be destroyed after ten days from the date of issue of test report.
- This report is not to reproduce wholly or in part and can not be used as an evidence in the court of law and should not be used in any adverting media without our special permission in writing.



TC-8283



CHEMICAL ANALYSIS LAB.

NABL ACCREDITED, ISO 9001:2015 CERTIFIED TESTING LABORATORY
ISO/IEC : 17025:2017

B-32, Shyam Park Ext.
Sahibabad, Ghaziabad (NCR)
Mob.: 9911777525, 8800646952
Email: labchemi@yahoo.in

TEST REPORT

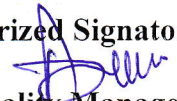
Description of Sample: - Noise (Within Project Site)
N.O.W.: - Proposed of IT/ITES Park "MENTIS"
Collection From: Plot No.- 02, Sector No.- 140, Noida (U.P)
Sample Collected & Submitted by: - Client Representative

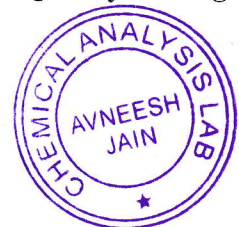
Report No.: -CAL/N/71(141)/2023
Date of Report: -12/03/2023
Date of Analysis: - 03/03-12/03/2023
Date of Collection: -03/03/2023

Issued to: -

M/s GYGY Infradesign Pvt. Ltd.

Sr. No.	Parameter	Unit	Test Value		Limits as per CPCB Guidelines dB (A) Leq		
			Day time (6.00 am to 10.00 pm)	Night Time (10.00 pm to 06.00 am)			
1.	Leq	dB(A)	51.41	43.15	Category of Area/Zone	Day Time	Night Time
					Industrial Area	75	70
2.	Lmax	dB(A)	64.23	50.94	Commercial Area	65	55
					Residential Area	55	45
					Silence Zone	50	40
3.	Lmin	dB(A)	44.81	34.46			

Authorized Signatory

Quality Manager



END OF REPORT

Note:

- The result listed refer only to the tested samples and applicable endorsement of product is neither inferred not implied.
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TC-8283

ANNEXURE III

AAI NOC



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

SAFD/NORTH/B/052822/674701

AAI/RH/HR/ATM/NOC/2022/319/1275-78

मालिक का नाम एवं पता
OWNERS Name & Address

GYGY INFRA DESIGN PVT LTD
GYGY INFRA DESIGN PVT LTD, PLOT NO 02, SECTOR
140, NOIDA

दिनांक/DATE: 13-06-2022
वैधता/ Valid Up to: 12-06-2030

ऊँचाई की अनुमति हेतु अनापत्ति प्रमाण पत्र (एनओसी) No Objection Certificate for Height Clearance

1) यह अनापत्ति प्रमाण पत्र भारतीय विमानपत्तन प्राधिकरण (भाविप्रा) द्वारा प्रदत्त दायित्वों के अनुक्रम तथा सुरक्षित एवं नियमित विमान प्रचालन हेतु भारत सरकार (नागर विमानन मंत्रालय) की अधिसूचना जी. एस. आर. 751 (ई) दिनांक 30 सितम्बर, 2015, जी. एस. आर. 770 (ई) दिनांक 17 दिसंबर 2020 द्वारा संशोधित, के प्रावधानों के अंतर्गत दिया जाता है।

1. This NOC is issued by 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 GSR751 (E) dated 30th Sep.2015 amended by GSR770(E) dated 17th Dec 2020 for safe and Regular Aircraft Operations.

2. इस कार्यालय को निम्नलिखित विवरण के अनुसार प्रस्तावित संरचना के निर्माण पर कोई आपत्ति नहीं है।

2. This office has no objection to the construction of the proposed structure as per the following details:

अनापत्ति प्रमाणपत्र आईडी / NOC ID	SAFD/NORTH/B/052822/674701
आवेदक का नाम / Applicant Name*	Gurpreet Singh
स्थल का पता / Site Address*	GYGY INFRA DESIGN PVT LTD, PLOT NO 2 SECTOR 140 NOIDA, NOIDA, Gautam Buddha Nagar, Uttar Pradesh
स्थल के निर्देशांक / Site Coordinates*	28 30 49.34N 77 25 09.00E, 28 30 47.81N 77 25 12.17E, 28 30 54.97N 77 25 12.63E, 28 30 53.45N 77 25 15.60E
स्थल की ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर), (जैसा आवेदक द्वारा उपलब्ध कराया गया) / Site Elevation in mtrs AMSL as submitted by Applicant*	200.57 M
अनुमन्य अधिकतम ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर) / Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	350.57 M

* जैसा आवेदक द्वारा उपलब्ध कराया गया / As provided by applicant*

3) यह अनापत्ति प्रमाण पत्र निम्नलिखित नियम व शर्तों के अधीन है:-

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

क) आवेदक द्वारा उपलब्ध कराए गए स्थल की ऊँचाई तथा निर्देशांक को, प्रस्तावित संरचना हेतु अनुमन्य अधिकतम ऊँचाई जारी करने के लिए प्रयोग किया गया है। भारतीय विमान पत्तन प्राधिकरण, आवेदक द्वारा उपलब्ध कराये गए स्थल की ऊँचाई तथा निर्देशांक की यथार्थता का ना तो उत्तरदायित्व वहन करता है, और ना ही इनको प्रमाणीकृत करता है। यदि किसी भी स्तर पर यह पता चलता है कि वास्तविक विवरण, आवेदक द्वारा उपलब्ध कराए गए विवरण से भिन्न है, तो यह अनापत्ति प्रमाण पत्र अमान्य माना जाएगा तथा कानूनी कार्यवाही की जाएगी। सम्बंधित विमान क्षेत्र के प्रभारी अधिकारी द्वारा एयरक्राफ्ट नियम 1994 (भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन कार्यवाही की जाएगी।

a. Permissible Top elevation has been issued on the basis of Site coordinates and Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The officer in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994".

ख) अनापत्ति प्रमाण पत्र के आवेदन में आवेदक द्वारा उपलब्ध कराए गए स्थल निर्देशांक को सड़क दृश्य मानचित्र और उपग्रह मानचित्र पर अंकित किया गया है जैसा कि अनुलग्नक में दिखाया गया है। आवेदक / मालिक यह सुनिश्चित करे कि अंकित किए गए निर्देशांक उसके स्थल से मेल खाते हैं। किसी भी विसंगति के मामले में, नामित अधिकारी को अनापत्ति प्रमाण पत्र रद्द करने के लिए अनुरोध किया जाएगा।

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, Designated Officer shall be requested for cancellation of the NOC.

ग) एयरपोर्ट संचालक या उनके नामित प्रतिनिधि, अनापत्ति प्रमाण पत्र नियमों और शर्तों का अनुपालन सुनिश्चित करने के लिए स्थल (आवेदक या मालिक के साथ पूर्व समन्वय के साथ) का दौरा कर सकते हैं।

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

घ) संरचना की ऊँचाई (सुपर स्ट्रक्चर सहित) की गणना अनुमन्य अधिकतम ऊँचाई (ए एम एस एल) से स्थल की ऊँचाई को घटाकर की जाएगी। अर्थात्, संरचना की अधिकतम ऊँचाई = अनुमन्य अधिकतम ऊँचाई (-) स्थल की ऊँचाई।

d. The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL i.e. Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.

च) अनापत्ति प्रमाण पत्र जारी करना, भारतीय एयरक्राफ्ट एक्ट 1934, के सेक्शन 9-A तथा इसके अंतर्गत समय-समय पर जारी अधिसूचनाएं तथा एयरक्राफ्ट नियम (1994 भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन है।

e. The issue of the 'NOC' 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".

क्षेत्रीय मुख्यालय उत्तरी क्षेत्र, परिचालन कार्यालय परिसर रंगपुरी, नई दिल्ली - 110037 दूरभाष संख्या - 91-11-25653566

Regional headquarter Northern Region, Operational Offices Complex Rangpuri, New Delhi-110 037 Tel: 91-11-25653566

"हिंदी पत्रों का स्वागत है।"



- छ) कोई भी रेडियो/ टीवी एन्टीना, लाइटनिंग अरेस्टर, सीढ़िया, मुमटी, पानी की टंकी अथवा कोई अन्य वस्तु तथा किसी भी प्रकार के संलग्नक उपस्कर पैरा 2 में उल्लेखित अनुमन्य अधिकतम ऊँचाई से ऊपर नहीं जानी चाहिए।
f. No radio/TV Antenna, lightening arresters, staircase, Mumty, Overhead water tank or any other object and attachments of fixtures of any kind shall project above the Permissible Top Elevation as indicated in para 2.
- ज) विमानक्षेत्र संदर्भ बिंदु के 8 KM के भीतर तेल, बिजली या किसी अन्य ईंधन का उपयोग जो उड़ान संचालन के लिए धुएँ का खतरा पैदा नहीं करता है, ही मान्य है।
g. Use of oil, electric or any other fuel which does not create smoke hazard for flight operation is obligatory, within 8 KM of the Aerodrome Reference Point
- झ) यह प्रमाणपत्र इसके जारी होने की तारीख से 8 साल की अवधि के लिए वैध है। एक बार रिवेलीडेशन की अनुमति दी जा सकती है, बशर्ते कि इस तरह का अनुरोध एनओसी की समाप्ति की तारीख से छह महीने के भीतर किया जाए और प्रारंभिक प्रमाणपत्र 8 साल की वैधता अवधि के भीतर प्राप्त किया जाए।
h. The certificate is valid for a period of 8 years from the date of its issue. One-time revalidation shall be allowed, provided that such request shall be made within six months from the date of expiry of the NOC and commencement certificate is obtained within initial validity period of 8 years.
- ड) भवन के निर्माण के दौरान या उसके बाद किसी भी समय स्थल पर ऐसी कोई भी लाइट या लाइटो का संयोजन नहीं लगाया जाएगा जिसकी तीव्रता, अकृति या रंग के कारण वैमानिक ग्राउन्ड लाइटों के साथ भ्रम उत्पन्न हो। विमान के सुरक्षित प्रचालन को प्रभावित करने वाली कोई भी गतिविधि मान्य नहीं होगी।
i. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time, during or after the construction of the building. No activity shall be allowed which may affect the safe operations of flights.
- ठ) आवेदक द्वारा विमानपत्तन पर या उसके आसपास विमान से उत्पन्न शोर, कंपन या विमान प्रचालन से हुई किसी भी क्षति के विरुद्ध कोई शिकायत/दावा नहीं किया जाएगा।
j. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.
- ड) डे मार्किंग तथा सहायक विद्युत आपूर्ति सहित नाइट लाइटिंग (डीजीसीए भारत की वेबसाइट www.dgca.nic.in पर उपलब्ध) नागर विमानन आवश्यकताएं श्रृंखला 'बी' पार्ट 1। सेक्शन-4 के चैप्टर 6 तथा अनुलग्नक 6 में विनिर्दिष्ट दिशानिर्देशों के अनुसार उपलब्ध कराई जाएगी।
k. Day markings & night lighting with secondary power supply shall be provided as per the guidelines specified in chapter 6 and appendix 6 of Civil Aviation Requirement Series 'B' Part I Section 4, available on DGCA India website: www.dgca.nic.in
- ढ) भवन के नक्शे के अनुमोदन सहित अन्य सभी वैधानिक अनापत्ति, संबंधित प्राधिकरणों से लेना आवेदक की जिम्मेदारी होगी, क्योंकि इस ऊँचाई हेतु अनापत्ति प्रमाणपत्र लेने का उद्देश्य सुरक्षित एवं नियमित विमान प्रचालन सुनिश्चित करना है तथा इसे भूमि के स्वामित्व आदि सहित किसी अन्य उद्देश्य/ दावे के लिए दस्तावेज के रूप में प्रयोग नहीं किया जा सकता।
l. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This NOC for height clearances is only to ensure safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.
- ण) इस अनापत्ति प्रमाणपत्र आईडी का मूल्यांकन I.G.I Airport, Jewar, Meerut, Rohini Heliport, Safdarjung Airport, Sikandrabad विमानक्षेत्रों के संबंध में किया गया है। यह अनापत्ति प्रमाणपत्र भारतीय विमान पत्तन प्राधिकरण के विमानक्षेत्रों और अन्य लाइसेंस प्राप्त सिविल विमानक्षेत्रों, जो जी. एस. आर. 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची - III, अनुसूची - IV (भाग - I), अनुसूची - IV (भाग - 2; केवल RCS हवाई अड्डे) और अनुसूची - VII में सूचीबद्ध हैं, के लिए जारी किया गया है।
m. This NOC ID has been assessed with respect to the I.G.I Airport, Jewar, Meerut, Rohini Heliport, Safdarjung Airport, Sikandrabad Airports. NOC has been issued w.r.t. the AAI Aerodromes and other licensed Civil Aerodromes as listed in Schedule - III, Schedule - IV (Part-I), Schedule - IV (Part-2; RCS Airports Only) and Schedule-VII of GSR 751(E) amended by GSR770(E)
- त) यदि स्थल रक्षा विभाग के विमान क्षेत्र के अधिकार क्षेत्र में आता है, जैसा कि जीएसआर 751 (ई) की अनुसूची-V में सूचीबद्ध है, तो आवेदक को रक्षा विभाग से अलग से अनापत्ति प्रमाणपत्र लेना होता है। जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के नियम 13 के अनुसार, आवेदकों को उन स्थलों के लिये, जो जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची - IV (भाग - 2; आरसीएस हवाई अड्डों के अलावा) के रूप में सूचीबद्ध बिना लाइसेंस वाले विमान क्षेत्र के अधिकार क्षेत्र में आता है, तो संबंधित राज्य सरकार से भी अनापत्ति प्रमाणपत्र लेने की आवश्यकता है।
n. Applicant needs to seek separate NOC from Defence, if the site lies within the jurisdiction of Defence Aerodromes as listed in Schedule - V of GSR 751 E amended by GSR770(E). As per rule 13 of GSR 751 E amended by GSR770(E), applicants also need to seek NOC from the concerned state government for sites which lies in the jurisdiction of unlicensed aerodromes as listed in Schedule-IV (Part-2; other than RCS airports) of GSR 751 E amended by GSR770(E)
- थ) अनापत्ति प्रमाण पत्र (एनओसी) की किसी भी त्रुटि/व्याख्या की स्थिति में अंगरेजी अनुवाद ही मान्य होगा।
o. In case of any discrepancy/interpretation of NOC letter, English version shall be valid.
- द) स्थल की ऊँचाई और/या संरचना की ऊँचाई के किसी भी विवाद में अनुमन्य अधिकतम ऊँचाई एएमएसएल में ही मान्य होगी।
p. In case of any dispute with respect to site elevation and/or AGL height, Permissible Top Elevation in AMSL shall prevail.



क्षेत्र का नाम / Region Name: उत्तर/NORTH

मनिंदर सिंह / Manminder Singh

पदनामित अधिकारी/Designated Officer

प्रबन्धक (हवाई) / General Manager (ATM)
प्राचीन विमानपत्तन प्राधिकरण, Airports Authority of India

नाम/ पदनाम/दिनांक सहित हस्ताक्षर Name/Designation/Sign with date

प्रबन्धक (हवाई) / General Manager (ATM)
प्राचीन विमानपत्तन प्राधिकरण, Airports Authority of India
राज्य मार्ग, क्षेत्रीय मुख्यालय (रा.क्षेत्र) / Operational Offices, RHQ (NR)
मुख्यमार्ग रोड, नई दिल्ली-37 / Connaught Road, New Delhi-37

द्वारा तैयार Prepared by

13/06/2022
Sant X
13/06/2022

SANDEEP
MGRCA7M

द्वारा जांचा गया Verified by

13/06/2022
A.G. (A.M.)

13/06/2022
A.G. (A.M.)

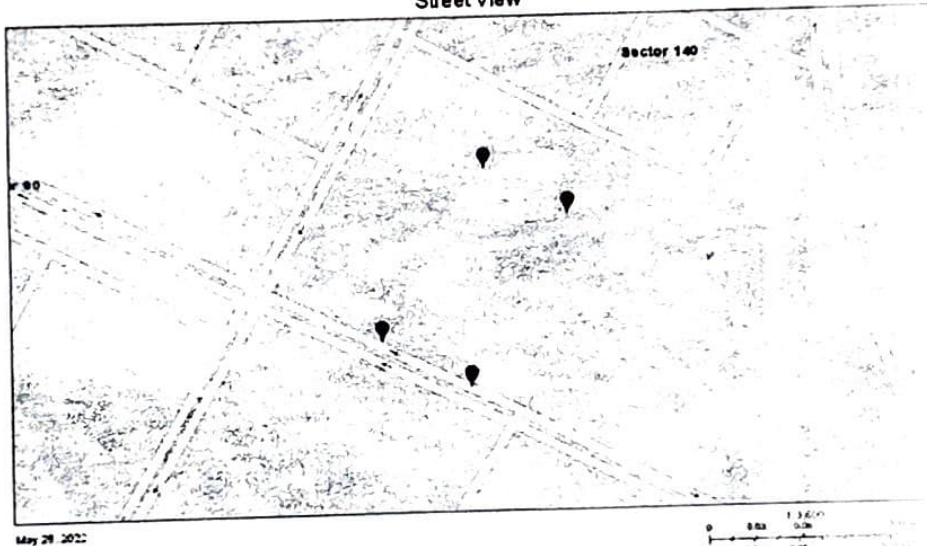
ईमेल आईडी / EMAIL ID : noc_nr@aai.aero
फोन/ Ph: 011-25653551

ANNEXURE/अनुलग्नक

Distance From Nearest Airport And Bearing/निकटतम विमानक्षेत्र से दूरी और बीयरिंग

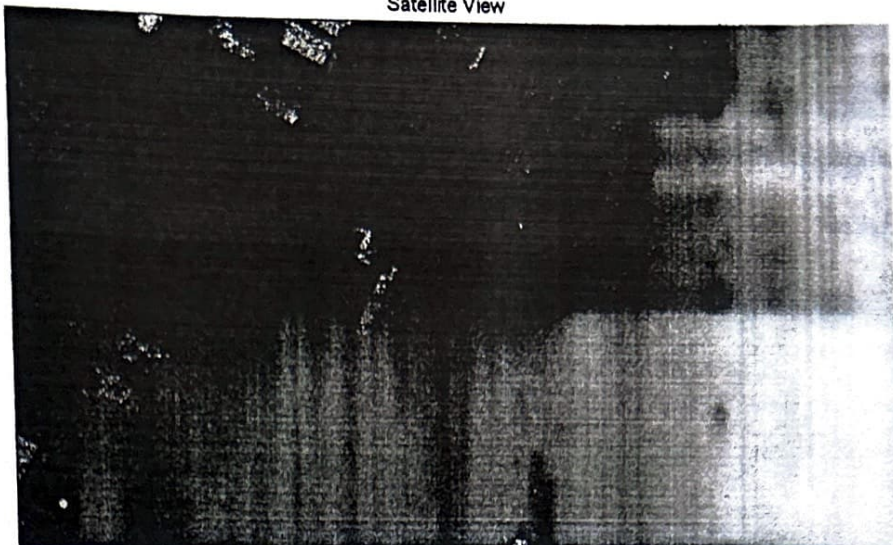
Airport Name/विमानक्षेत्र का नाम	Distance (Meters) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से दूरी (मीटर में)	Bearing(Degree) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से बीयरिंग (डिग्री)
I.G.I Airport	30665.2	100.39
Jewar	41652.25	332.8
Meerut	49969.23	208.94
Rohini Heliport	44053.69	125.49
Safdarjung Airport	22209.16	109.57
Sikandrabad	31194.87	294.34
NOCID	SAFD/NORTH/B/052822/674701	

Street View





Satellite View



May 29, 2022



ANNEXURE IV
PROVISIONAL FIRE NOC

प्रारूप-घ (संलग्नक-3)

औपबन्धिक (प्रोविजनल) अनापत्ति प्रमाणपत्र

पूजाई की संख्या: UPFS/2022/53281/GBN/GAUTAM BUDDH NAGAR/15798/DD

दिनांक: 09-06-2022

प्रमाणित किया जाता है कि मैसर्स GY GY INFRA DESIGN PVT LTD (भवन/प्रतिष्ठान का नाम) पता PLOT NO-2, SECTOR-140, NOIDA तहसील - DADRI

प्लॉट एरिया 20000 sq.mt (वर्गमीटर), कुल कवर्ड एरिया 92692.868 (वर्गमीटर), ब्लॉकों की संख्या 3 जिसमें

ब्लॉक/टॉवर	प्रत्येक ब्लॉक में तलों की संख्या	बेसमेंट की संख्या	ऊँचाई
TOWER A	26	2	101.750 mt.
TOWER B	3	2	12 mt.
TOWER C	1	2	13 mt.

है। भवन का अधिभोग मैसर्स GY GY INFRA DESIGN PVT LTD द्वारा किया जायेगा। इनके द्वारा भवन में अग्नि निवारण एवं अग्नि सुरक्षा व्यवस्थाओं का प्राविधान एन0बी0सी0 एवं तत्संबंधी भारतीय मानक ब्यूरो के आई0एस0 के अनुसार किया गया है। इस भवन को औपबन्धिक अनापत्ति प्रमाणपत्र, एन0बी0सी0 की अधिभोग श्रेणी Business 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 GY GY INFRA DESIGN PVT LTD अधिभोगी पूर्ण रूप से जिम्मेदार होगा/होंगे।

Note : In view of the reports of cfo and fso. The NOC is being approved All fire & safety arrangements shall be installed as per the fire and safety rule*Final NOC must be received from fire department before start/occupy the building*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 अधिभोगों, भवनों के आधार पर निर्गत किया जा रहा है। इनके अभाव पर जाने पर निर्गत प्रमाण-पत्र मान्य नहीं होगा। यह प्रमाण-पत्र भूमि / भवन के स्वामित्व / अधिभोग को प्रमाणित नहीं करता है।"

Note : In view of the reports of cfo and fso. The NOC is being approved All fire & safety arrangements shall be installed as per the fire and safety rule*Final NOC must be received from fire department before start/occupy the building*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.

हस्ताक्षर (निर्गमन अधिकारी)

(उप निदेशक)



Digitally Signed By
(AMAN SHARMA)

{6F3173ACF1282848601D36130C6B4188805EE040}

22-06-2022

निर्गत किये जाने का दिनांक : 22-06-2022
स्थान : MEERUT

ANNEXURE V
BUILDING PLAN APPROVAL

New Okhla Industrial Development Authority

Main Administrative Building

Sector-06, Noida-201301, Uttar Pradesh

Website: www.noidaauthorityonline.com

Online Building Plan Approval System (OBPAS)

Date : 29-03-2023

From
The Chief Executive Officer,
New Okhla Industrial Development Authority,
NOIDA Uttar Pradesh

To
GYGY INFRADESIGN PVT. LTD.
NA - PLOT NO. - 02, SECTOR - 140, NOIDA

Sir / Madam,

With reference to your application no. **2022/04/09/6688** dated **2022-07-15 12:29:19** for grant of sanction of Institutional building plan for **plot no. - 02, block no. NA, in Sector - 140, NOIDA U.P, Total Proposed Area-93364.046, Proposed Ground Coverage-5965.172 , Proposed FAR-41913.317, Permissible Ground Coverage-6000.000, Permissible FAR-42000.000,.** It is to inform that the sanction request is being conceded by the Noida Authority under the following conditions mentioned below for your ready reference.

1. This sanction is granted under the provision of the New Okhla Industrial Development Area Building regulations-2010 (As Amended).
2. This map is valid upto 5 years from the date of issue of sanction letter (as per time per time provided lease deed).
3. After completion of the construction, allottee have to apply for occupancy certificate within validity period along with necessary documents as mentioned in the Apendix-9 (Checklist 9A) of the New Okhla Industrial Development Area Building regulations-2010 (As Amended).
4. If demanded by the Authority, allottee shall be liable to pay charges for the provision of any further facilities/development/improvement.
5. A copy of the sanction drawing and letter shall always be kept at site and shall be made available to any officer of the Authority on demand.
6. No addition/alteration is permitted in the sanctioned drawings. For any changes, prior permission is required from the Authority.
7. Allottee and Architect shall be responsible for carrying out the work in accordance with the provision of the New Okhla Industrial Development Area building regulation-2010 (As Amended).
8. Allottee shall be required to follow the terms & condition as mentioned in various NOC's issued by different organization of State/Central Government from time to time.
9. No activities/Use shall be permitted in the premises other than as prescribed in Broucher / Allotment letter/Lease deed.
10. Building shall not be occupied before getting completion certificate from the Authority.
11. If there is any dispute arises related with ownership of the property, it would be sole responsibility of the owner.
12. During construction period, building material shall be placed in such a way that no traffic movement should be blocked.
13. The allottee has to follow all directions/ orders issued by National Green Tribunal/ Code/Commissions from time to time
14. No parking of any kind shall be permitted outside premises and adjoining road of the plot.
15. No ground water shall be allowed to extract for construction of the building, without prior permission of Central Ground Water Authority.
16. Provision of Rain Water Harvesting and solid waste Management shall be made as per norms.
17. At the time of completion of project, Service shall be provided as per norms in service floor otherwise area of service floor shall be counted in main FAR.
18. Allottee has to take STP water from NOIDA Authority for building construction.
19. The construction work will be started only after getting Environmental NOC under relevant act. (If Applicable).

20. The construction work beyond the height of 30 mtrs. Shall be done after getting NOC from Airport Authority (If Applicable)
21. The conditions mentioned in Transfer Memorandum (TM) dated 17-01-2023 shall be followed in letter and spirit & all the dues shall be paid within 6 months from the date of approval of the plan as given in the affidavit dated 06-12-2022.
22. The NDC and Time Extension from the Industrial department shall be submitted in Planning Section within 6 months from the date of approval of the plan. In case NDC & Time Extension is not submitted within the given timeline the approval shall be deemed to be rejected without any prior notice.
23. No third party interest shall be create till all the dues are deposited in the authority.

The details of Floor wise proposed area is as follows:

PLOT AREA- 20000
PERMISSIBLE GROUND COVERAGE- **6000.000**
PROPOSED GROUND COVERAGE- **5965.172**
PERMISSIBLE FAR- **42000.000**
PROPOSED FAR- **41913.317**
No. of DWELLING UNITS-
TOTAL PROPOSED AREA- (FAR+NON FAR)- **93364.046**

Yours Faithfully,

For New Okhla Industrial Development Authority

(Ishtiyak Ahmed)

GM (Planning)

ANNEXURE VI

ENVIRONMENTAL MANAGEMENT PLAN

2.1 ENVIRONMENT MANAGEMENT PLAN

Introduction

The Environmental Management Plan (EMP) is a site specific plan developed to ensure that the project is implemented in an environmental sustainable manner where all contractors and subcontractors, including consultants, understand the potential environmental risks arising from the proposed project and take appropriate actions to properly manage that risk. EMP also ensures that the project implementation is carried out in accordance with the design by taking appropriate mitigative actions to reduce adverse environmental impacts during its life cycle. The plan outlines existing and potential problems that may adversely impact the environment and recommends corrective measures where required. Also, the plan outlines roles and responsibility of the key personnel and contractors who are charged with the responsibility to manage the proposed project site.

The EMP is generally:

- prepared in accordance with rules and requirements of the MoEF and the State Pollution Control Board;
- to ensure that the component of facility is operated in accordance with the design;
- a process that confirms proper operation through supervision and monitoring;
- a system that addresses public complaints during construction and operation of the facility; and
- a plan that ensures remedial measures are implemented immediately.

The key benefits of the EMP are that it provides the organization with means of managing its environmental performance thereby allowing it to contribute to improved environmental quality. The other benefits include cost control and improved relations with the stake holders.

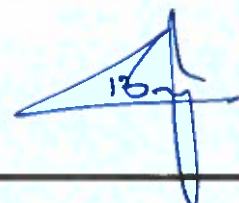
EMP includes four major elements;

- **Commitment & Policy:** The project management will strive to provide and implement the Environmental Management Plan that incorporates all issues related to air, land and water.
- **Planning:** This includes identification of environmental impacts, legal requirements and setting environmental objectives.
- **Implementation:** This comprises of resources available to the developers, accountability of contractors, training of operational staff associated with environmental control facilities and documentation of measures to be taken.
- **Measurement & Evaluation:** This includes monitoring, corrective actions, and record keeping.

An EMP is required to mitigate the adverse environmental impacts during construction and operation phase of the project and these are discussed as follows.

EMP for Air Environment

Construction phase

A handwritten signature or mark in blue ink, consisting of a stylized 'S' or 'Z' shape with a horizontal line through it, and a vertical line extending downwards from the right side.

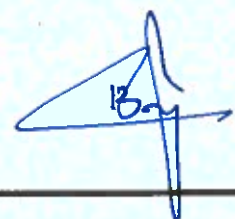
To mitigate the impacts of environmental pollutants during the construction phase of the project, the following measures are recommended for implementation:

- The most cost-effective dust suppressant is water because water is easily available on construction site and it can be applied using water tankers connected with sprinklers handled sprayers.
- Incoming dumpers/trucks loaded with construction material could be covered to avoid loss of material in atmosphere during transport, especially if material is transported offsite.
- The whole site is to be covered with GI sheets in order to contain the dust within project site, in case project boundary is not constructed.
- Construction equipment is commonly left idle while the operators are on break or waiting for the completion of another task. Emission from idle equipment tends to be high, since catalytic converters cool down, thus reducing the efficiency of hydrocarbon and carbon monoxide oxidation. Existing idle control technologies comprise of power saving mode, which automatically off the engine at preset time and reduces emissions without intervention from the operators.
- Significant emission reductions can be achieved through regular equipment maintenance. Contractors will be asked to provide maintenance records for their fleet as part of the contract bid, and at regular intervals throughout the life of the contract Incentive provisions will be established to encourage contractors to comply with regular maintenance requirements.
- Speed limit of vehicles entering the project site or plying inside the project site will be maintained at 20km/h to avoid any dust emission due to loose soil.
- During the construction of floors, all the activities of cutting and drilling will be done by covering the working area with green nets on scaffoldings to prevent air-based pollution.
- Only PUC Certified vehicles will be allowed to enter the project site and records for the same will be maintained.
- Dust Masks will be provided to the workers working on site.

Operation phase

To mitigate the impacts of pollutants from DG set and vehicular traffic during the operational phase of Proposed Project, following measures are recommended for implementation:

- Stack of DG set will be maintained on building where minimum impact could be seen on the occupants and nearby population
- Parking will be provided on designated placed and walkways will be made and battery-operated golf carts will be provided to commute inside the project, if required.
- Adequate footpaths and pedestrian ways would be provided at the site to encourage non-polluting methods of transportation.
- Ventilation shaft will be provided on regular intervals to provide minimum 30 ACH so that staff staying inside the basement should not suffer from air borne diseases.
- It will be instructed to the staff and lower staff to clean the basements by using some water so that no dust generation could be done.



- Increased vegetation in the form of greenbelt is one of the preferred methods to mitigate air and noise pollution. Plants serve as a sink for pollutants, act as a barrier to break the wind speed as well as allow the dust and other particulates to settle on the leaves. It also helps to reduce the noise level at large extent.

EMP for Noise Environment

Construction phase

To mitigate the impacts of noise from construction equipment during the construction phase on the site, the following measures are recommended for implementation.

- Noisy construction equipment would not be allowed to use at night time.
- Workers employed in high noise areas will be employed on shift basis. Hearing protection such as earplugs/muffs will be provided to those working very close to the noise generating machinery.
- GI sheets or boundary wall will be provided to contain the noise generated during working in day also.

Operation phase

To mitigate the impacts of noise from diesel generator set during operational phase, the following measures are recommended:

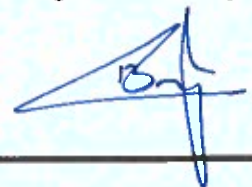
- DG set will be housed in a suitable acoustic enclosure so that noise level at a distance of 1 m does not exceed 25 dB (A) as per CPCB standards
- Provide acoustic enclosure along with the diesel generators set. Further, enclosure of the services area with 4 m high wall will reduce noise levels and ensure that noise is at a permissible limit for residents and staff of the project and surrounding receptors.
- Selection of plants will be done as such to prevent the noise being generated during normal activities.

EMP for water Environment

Water management for construction phase

To prevent degradation and to maintain the quality of the water source, adequate control measures have been proposed to check the surface run-off, as well as uncontrolled flow of water into any water body. The following management measures are suggested to protect the water quality during the construction phase.

- Avoid excavation during monsoon season
- Care should be taken to avoid soil erosion.
- Pit latrines and community toilets with temporary soak pits and septic tanks shall be constructed on the site during construction phase in order to prevent wastewater from entering the water bodies.
- Any area with loose debris within the site shall be planted.
- To prevent surface and ground water contamination by oil/grease, leak proof containers should be used for storage and transportation of oil/grease. The floors of oil/grease handling



area should be kept effectively impervious. Any wash off from the oil/grease handling area or workshop shall be drained through impervious drains, Clarifiers or oil/water separators shall be constructed and effluent should be treated appropriately before releasing it.

- Collection and settling of storm water, prohibition of equipment wash downs, and prevention of soil loss and toxic releases from the construction site are necessary to minimize water pollution
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent run off from the site to enter any water body.

Water management for operation phase

In the operation phase of the project, water conservation and development measures will be taken.

Following measures will be adopted:

- Minimizing water consumption.
- Promoting reuse of water after treatment and development of closed loop systems for different water streams.
- **Meter/ Measure manage:** - Metering and measuring facility provided to all the places where fresh water enters, STP inlet, STP outlet, after CWT

a) Minimizing Water Consumption

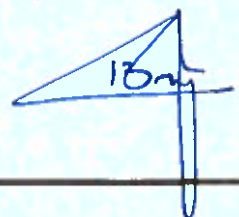
Water consumption will be minimized by a combination of water saving devices and other domestic water conservation measures. Furthermore, to ensure ongoing water conservation, an awareness programme will be introduced for the project. The following section discusses the specific measures, which shall be implemented:

b) Domestic and Commercial Usage

- Use of water efficient plumbing fixtures (ultra flow toilets and urinals, low flow sinks, water efficient dishwashers and washing machines). Water efficient plumbing fixtures use less water with no marked reduction in quality and service.
- Leak detection and repair techniques.
- Re-circulation of swimming pool overspill after treatment.
- Sweep with a broom and pan where possible, rather than hose down for external areas.
- Meter water usage; employ measurement and verification methods. Monitoring water use is a precursor for management.
- Awareness campaign to disseminate knowledge on strategies and technologies that can be used for water conservation.

c) Horticulture

- Entire water demand for horticulture purposes will be meeting out by network of treated wastewater throughout the project.



- Plants with similar water requirements shall be grouped on common zones to match precipitation heads and emitters.
- Use of low-volume, low-angle sprinklers for lawn areas.
- Select controllers with adjustable watering schedules and moisture sensors to account for seasonal variations, and calibrate them during commissioning.
- Place 3 to 5 in. of mulch on planting beds to minimize evaporation.

Promoting Reuse of Water after Treatment and Development of Closed Loop Systems

- To promote reuse and development of closed loop system for water, segregation of two wastewater scheme namely i) Harvested Storm Water ii) Waste water generated.
- Harvested storm water as discussed in earlier section, shall be utilized for artificial recharge of ground water sources and waste water shall be reused on site after treatment.
- Treated wastewater will be used for flushing, landscaping, makeup water for cooling, car wash etc. It is estimated that reusing wastewater will save approximately 40 to 50 % of potable water per day in project. Following section details the scheme for the treatment of wastewater.

Storm water management

A detailed "Storm Water Management Plan" will be developed which will consider the above sources. The run-off from landscaped, roof top and residential (landscape) would be used for recharging the ground water strata.

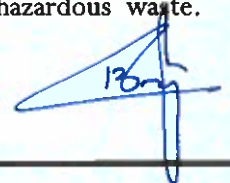
The plan will incorporate best management practices which will include following:

- Regular inspection and cleaning of storm drains.
- Clarifiers or oil/water separators shall be installed in all the parking areas. Oil/water separators installed for parking areas and garages will be sized according to peak flow guidelines. Both clarifiers and oil/water separators must be periodically pumped in order to keep discharges within limits.
- Cover waste storage areas.
- Avoid application of pesticides and herbicides before wet season
- Secondary containment and dykes in fuel/oil storage facilities
- Conducting routine inspections to ensure cleanliness
- Preparation of spill response plans, particularly for fuel and oil storage areas.
- Provision of slit traps in storm water drains
- Good housekeeping in the above areas.

EMP for waste

Construction phase

The waste generated from construction activity includes construction debris, biomass from land clearing activities, waste from the temporary make shift labour hutments and hazardous waste.



Following section discuss the management of each type of waste. Besides waste generation, management of the topsoil is an important area for which management measures are required.

Construction debris

Construction debris is bulky and heavy and re-utilization and recycling is an important strategy for management of such waste. C & D Rule as prescribed by GOI will be completely followed. C & D waste is basically comprised of concrete and masonry constitute as the majority of waste generated, recycling of this waste by conversion to aggregate can offer benefits of reduced landfill space and reduced extraction of raw material for new construction activity. This is particularly applicable to the project site as the construction is to be completed in a phased manner.

- Mixed debris with high gypsum, plaster, shall not be used as fill, as they are highly susceptible to contamination, and will be send to designated solid waste composting site.
Metal scrap from structural steel, piping, concrete reinforcement and sheet metal work shall be removed from the site by construction contractors. A significant portion of wood scrap will be reused on site.
- Recyclable wastes such as plastics, glass fiber insulation, roofing etc shall be sold to recyclers.

Hazardous waste

Construction sites are sources of many toxic substances such as paints, solvents wood preservatives, pesticides, adhesives and sealants. Hazardous waste generated during construction phase shall be stored in sealed containers and disposed off as per the Hazardous and Other Wastes

- Herbicides and pesticide will not be over applied
- Paintbrushes and equipment for water and oil-based paints shall be cleaned within a contained area and will not be allowed to contaminate site soils, water courses or drainage systems.
- Provision of adequate hazardous waste storage facilities. Hazardous waste collection containers will be located as per safety norms and designated hazardous waste storage areas will be away from storm drains or watercourses.
- Segregation of potentially hazardous waste from non-hazardous construction site debris.
- Well labeled all hazardous waste containers with the waste being stored and the date of generation.
- Any storage to be done on site will be intimated to regional pollution control board in Form-IV
- MoU will be signed by the authorized recycler to pick the hazardous waste as per the norms and provide the manifest.

Solid waste from labour hutments

Wastes generated from temporary make shift labor hutments will mainly comprise of household domestic waste, which will be managed by the contractor of the site. The wastewater generated will be channelized to the septic tank. Cleaning of Septic tank on regular basis will be done by the contractor and other wastes like cooking and others will be collected in bins and handed over to vendor.

A handwritten signature in blue ink, appearing to be '102' or similar, with a stylized flourish.

Operation phase

Solid Waste Management

The disposal of solid waste is legislated under the Solid Waste Management Rules, 2016. These rules specify the responsibilities of urban local bodies (ULBs) for managing solid waste.

The key mechanisms of waste management are collection, segregation, storage, transportation, treatment and disposal. Every establishment generate solid waste on day-to-day basis. The waste should normally be stored at the source of waste generation till collected for its disposal.

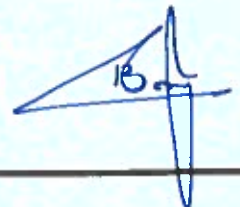
Segregation at source of non- biodegradable waste and biodegradable/ organic waste is an efficient way to promote resource recovery. Thus, the proposed system is based on segregation at source with three bin systems (each for recyclable, non- biodegradable waste and biodegradable organic waste).

Waste at source is stored in three bins of green, blue and yellow color,

- Green bin for food waste/bio-degradable waste,
- Blue bin for recyclable waste such a paper, plastic, metal, glass, rags etc. and
- Yellow bin for non- biodegradable & inert waste.

The various mitigation measures to be adopted during collection and disposal of wastes are as follows:

- The bins shall be with closed lids either removable lids or sliding type. Initially collection of the solid waste generating from every plot will be done by the authorized contractor/ agency appointed. Bio-degradable/ organic waste from each plot will be dumped in the composting site. It is preferable that the container and bins used for collection of waste shall be of closed type so that the waste is not exposed and thus the possibility of spreading of disease through flies and mosquitoes is minimized.
- Adequate number of collection bins, separate for biodegradable and non-biodegradable waste shall be provided as per Solid Waste Rules. Waste from the bins shall be collected separately on daily basis.
- Collection system should be properly supervised so that quick and regular removal of waste from the dustbin is practiced.
- The biodegradable waste is treated in organic converter and the non-biodegradable wastes- such as plastic materials, glass & metal wastes are handed over to the waste recyclers.
- Litter waste comprising of fallen leaves and other vegetative material will be collected at the secured location such that it does not hinder the daily activity schedule or be washed away by the surface runoff causing choking of drains, etc., and such waste will be composted and used as organic manure.
- **Horticultural Waste:** Two bin (60 litre capacity each) systems shall be placed for storage of garden waste nearby garden /open parks areas. The waste stored in parks, gardens, lawn plots etc. shall be collected on a weekly basis by arranging a rotation for collecting such waste from different areas.
- The bins shall be placed on the road side, about every 500 m on the footpath, public interactive spaces and landscapes areas. Two bin collection systems have been proposed for recycle waste & other for wet waste with 60-litre or 100-liter capacity of each bin. The system should have minimum ground footprint. Each bin should be open-able completely for ease in emptying & cleaning with top ashtray.



Plastic waste management

The disposal of plastic waste is legislated under the Plastic Waste Management Rules, 2016.

(1) The waste generator shall. -

- (a) take steps to minimize generation of plastic waste and segregate plastic waste at source in accordance with the Solid Waste Management Rules, 2016 or as amended from time to time.
- (b) not litter the plastic waste and ensure segregated storage of waste at source and handover segregated waste to urban local body or gram panchayat or agencies appointed by them or registered waste pickers', registered recyclers or waste collection agencies;
- (2) All institutional generators of plastic waste, shall segregate and store the waste generated by them in accordance with the Municipal Solid Waste (Management and Handling) Rules, 2000 notified vide S.O.908(E) dated the 25th September, 2016 under the Act or amendment from time to time and handover segregated wastes to authorized waste processing or disposal facilities or deposition centers either on its own or through the authorized waste collection agency.
- (3) All waste generators shall pay such user fee or charge as maybe specified in the bye-laws of the local bodies for plastic waste management such as waste collection or operation of the facility there of, etc.;
- (4) Every person responsible for organising an event in open space, which involves service of food stuff in plastic or multilayered packaging shall segregate and manage the waste generated during such events in accordance with the Municipal Solid Waste (Management and Handling) Rules, 2000 notified vide S.O. 908(E) dated the 25thSeptember, 2016 under the Act and subsequent amendments in 2018 and 2021.

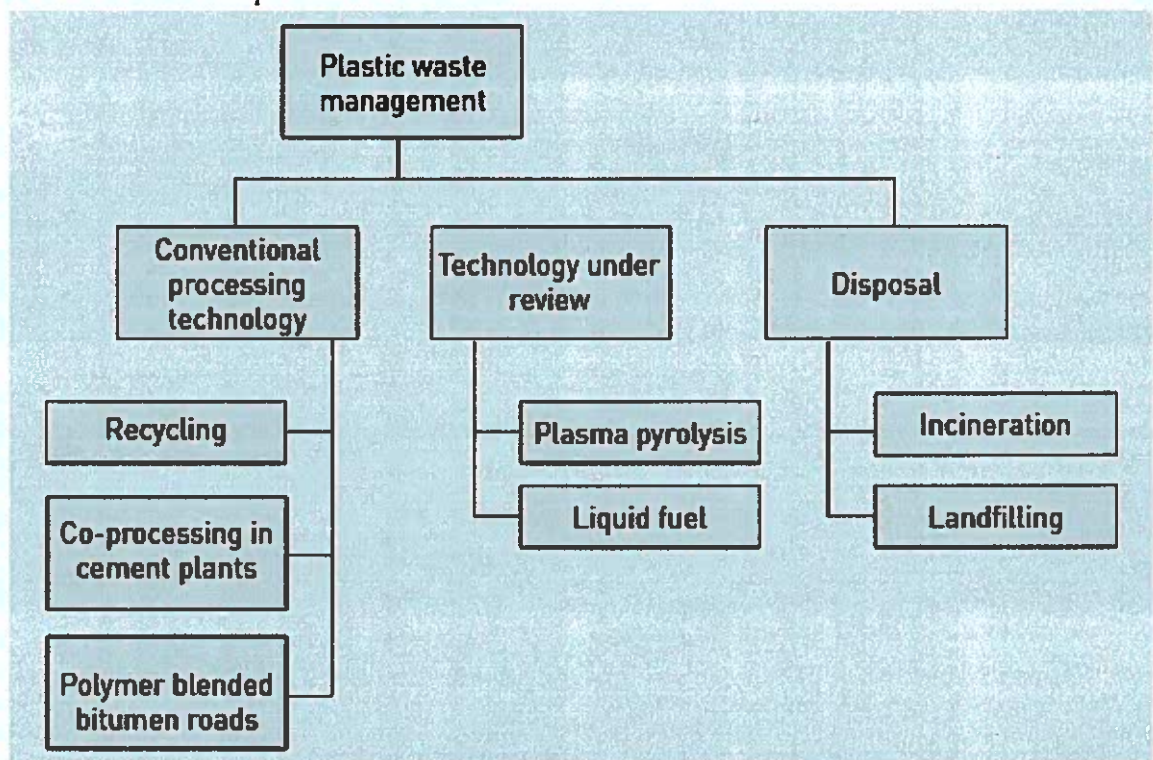


Figure 8: Plastic waste management

13/2/21

E-Waste Management

E-Waste is legislated according to E-waste management rule, 2016. 'E-waste' means electrical and electronic equipment, whole or in part discarded as waste by the consumer or bulk consumer as well as rejects from manufacturing, refurbishment and repair processes. The quantity will be depending upon production/manufacturing of electronic and electrical products. The collection centre shall be provided within the premises to collect e-waste for channelizing the e-waste to recycler. E-waste collected from the units can be recycled by sending them to recognized recycling units.

Top Soil Management

To minimize disruption of soil and for conservation of top soil, the contractor shall keep the top soil cover separately and stockpile it and covering the same with tarpaulin covers. After the construction activity is over, top soil will be utilized for landscaping activity. Other measures, which would be followed to prevent soil erosion and contamination include:

- Maximize use of organic fertilizer for landscaping and green belt development.
- To prevent soil contamination by oil/grease, leak proof containers would be used for storage and transportation of oil/grease and wash off from the oil/grease handling area shall be drained through impervious drains and treated appropriately before disposal.
- Removal of as little vegetation as possible during the development and re-vegetation of bare areas after the project.
- Working in a small area at a point of time

EMP for Ecological Environment

Housing construction changes the natural environment. But housing also creates a built environment for its inhabitants. The project requires the implementation of following choices exclusively or in combination.

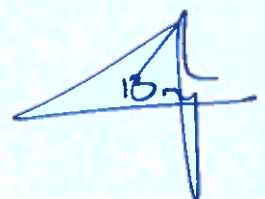
Construction phase

- Restriction of construction activities to defined project areas, which are ecologically less sensitive.
- Restrictions on location of labor camps and offices for project staff near the project area to avoid human induced secondary additional impacts on the flora and fauna species.
- Cutting, uprooting, coppicing of trees or small trees present in and around the project site for cooking, burning or heating purposes by the laborers will be prohibited and suitable alternatives for this purpose will be found.
- After completion of major construction work, the green belt will be developed with recommended plant species, as there will be no or less disturbance in these areas.

Operational phase

Enhancement of the current ecology at the project site will entail the following measures:

- Plantation & landscaping
- Green belt development
- Park & avenue plantation.



Plantation & landscaping

Selection of the plant species would be done on the basis of their adaptability to the existing Geographical conditions and the vegetation composition of the forest type of the region earlier found or currently observed.

Green Belt Development Plan

The plantation matrix adopted for the green belt development includes pits of 0.3 m X 0.3 m X 0.3 m size with a spacing of 2 m X 2 m. In addition, earth filling and manure may also be required for the proper nutritional balance and nourishment of the sapling. It is also recommended that the plantation has to be taken up randomly and the landscaping aspects could be taken into consideration.

EMP for Socio-economic environment

The Social management plan has been designed to take proactive steps and adopt best practices, which are sensitive to the socio-cultural setting of the region.

Social investment Strategy

The project envisages addressing the wider goal of environmental protection through a social investment strategy for the communities around the proposed project. By investing in social projects in the neighbouring community, seeks to increase the benefits to the local population and contribute towards meeting community's expectation of benefits from the project.

Some of the concerns raised by local people relate directly to the project. Concerns and aspirations not directly related to the project were also solicited so as to identify areas that could be addressed through socially responsible initiatives and interventions. These were demand for employment opportunities and infrastructure development

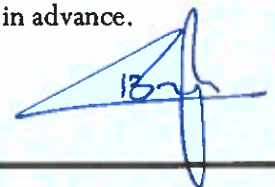
The proposed strategy envisages addressing the wider goal of sharing benefits with the local community. The following activities would be undertaken.

Income Generation Opportunity

Considering the existing local scenario, the project expects more labourers from neighbouring states. However, during operation phase, locals would be given preference, although they would be recruited on their own merit. Tender specification for post construction services would include favourable employment opportunities towards the local population. Specific consideration would be given for the employment of locals from neighbouring villages.

The main principles of employment are outlined below:

- Employment strategy would provide for preferential employment during operation phase.
- General recruitment procedures will be transparent, public and open to all.
- Recruitment procedures will be publicized at locally prominent locations in advance.



- There will be no discrimination on basis of gender, caste or other factors.

Contractors would be required to abide by the Indian labour laws regarding standards on employee working conditions, minimum wages for workers, safety and welfare measures. Following the appointment of the contractor, information on employment will be available to the local community at the Panchayat office or other prominent places like the school, frequently visited spots in the village etc. Information on the following aspects would be provided- scale and duration of employment, type of available work and demand projection.

Besides, during operation phase, the project would explore possibilities to establish sustained linkages with the neighbouring local communities to procure locally grown food produce, poultry and dairy products. Such an initiative would provide a ready market for the local produce; hence boost income levels and local economy.

Improved working conditions

The project would provide safe working conditions for the labour and other workers employed at the facility during construction and operation phase. Conditions of employment should address issues like minimum wages and medical care for the workers.

Infrastructure development

The project is an initiative to enhance the infrastructure in the area. Once the project is functional, it is likely that existing infrastructure (educational, medical, communication, roads etc) would be eventually enhanced with further development in the surroundings.

The project will involve up gradation and street lighting of the approach road to the project. In the due course the infrastructure such as road, street lighting of villages falling in the way to the project are likely to be improved.

Traffic Management

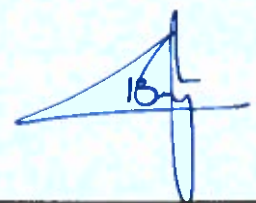
Develop a traffic plan to minimize traffic flow interference from construction activities. The plan may include advance public notice of routing, use of public transportation, and satellite parking areas with a shuttle service. Schedule operations affecting traffic for off-peak hours, minimize obstruction of through-traffic lanes. Provide a flag person to guide traffic properly and ensure safety at construction sites.

EMP for Energy Conservation

Energy conservation program will be implemented through measures taken both on energy demand and supply.

Architectural design

- Public areas will be cooled by natural ventilation as opposed to air-conditioning
- Maximize the use of natural lighting through design
- Vertical shading devices in the form of screen



- Water bodies to improve the micro climate
- Verandas and screen walls wrapping around the main habitable zones in the residential towers make them comfortable in summer.

Energy Saving Practices

- Promoting use of solar water heating
- Purchase of energy efficient appliances
- Constant monitoring of energy consumption and defining targets for energy conservation at commercial & institutional establishments.
- Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels
- Use of compact fluorescent lamps (CFL) and low voltage lighting.
- Sunscreen films on windows to reduce heating inside the buildings

Behavioural change on consumption

- Promoting resident awareness on energy conservation
- Training staff on methods of energy conservation and to be vigilant to such opportunities

Environmental management system

For the effective and consistent functioning of the complex, an Environmental Management system

- Environmental management cell.
- Environmental Monitoring.
- Personnel Training.
- Regular Environmental audits and Correction measures.
- Documentation – standards operation procedures Environmental Management Plan and other records.

ANNEXURE VII

DISASTER MANAGEMENT PLAN

2.4 DISASTER MANAGEMENT

Introduction

Disaster has struck mankind from time immemorial. Disasters continue to strike unabated, without notice and are perceived to be on the increase in their magnitude, complexity, frequency and economic impact. These hazards pose a threat to the people, structures or economic assets and assume disastrous proportions when they occur in areas of dense human habitations. This has compelled the need for a comprehensive approach to prevent and mitigate disasters.

Disaster occurs due to

- a) Emergencies on account of
 - Fire
 - Explosion
 - Electrocution
- b) Natural calamity on account of
 - Earthquake
 - Lightning
 - Storm
 - Epidemics

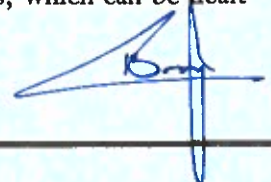
Need and Objectives of Disaster Management Plan

The Disaster Management Plan is designed to:

- Anticipate the types of disasters that are most likely to occur;
- Identify the possible effects of any disaster that may occur;
- Identify the preventative and mitigating strategies to deal with any possible disaster;
- Involve all role players in a coordinated manner to respond to the challenges posed in disaster situations;
- Procure essential goods and services for disaster management;
- Identify the weaknesses in respect of capacity and skills to deal effectively with disaster situations;
- Provide essential training in skills and to promote awareness and preparedness in respect of the occurrence of disasters; and
- Plan in advance the relief operations that may be required or to be exercised in disaster situations.

Identification and Assessment of Hazards

This stage is crucial to both on-site and off-site emergency planning and requires systematically identifying what emergencies could arise. These should range from small events, which can be dealt



with plant personnel without outside help to the largest event for which it is practical to have a plan. Experience has shown that for every occasion that the full potential of an accident is realized, there are many occasions when some freak event occurs or when a developing incident is made safe before reaching full potential.

- The assessment of possible incidents should produce a report indicating the worst events considered
- The route to those worst events
- The time scale to lesser events along the way
- The size of lesser events if their development is halted
- The relative likelihood of events
- The consequences of each event

Disaster Preventive Measures

It is not easy to control any disaster if contingency plans are not available. For effective control of disaster, adequate manpower, technical know-how, alertness and internal help are the prime requirements. It is always better to take preventive measures to avoid any disaster. In the project following prevention measures will be taken to prevent disaster:

- Design, manufacture and construction of the building will be as per national and international codes as applicable in specific cases and lay down by the appropriate statutory authorities.
- Routes for escape during disaster are provided.

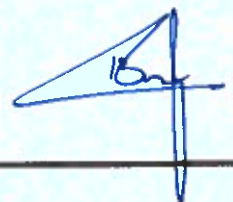
(i) Guidelines for Disaster Management Plan

A Disaster Management Plan (DMP) is formulated for better and safe management. The DMP will include the following elements:

- Assessment of the size and nature of the events foreseen and the probability of their occurrence
- Formulation of the plan and liaison with authorities, including the emergency services
- Appointment of key personnel and their duties and responsibilities
- Action on-site
- Action off-site

Appointment of Personnel and Definition of Duties

Effective emergency plans require that, in the event of an accident, nominated individuals be given specific responsibilities, often separate from their day-to-day activities. The two principal people are the site incident controller and the site main controller. A Senior Management Personnel will be appointed to act as site main controller and personnel junior to him as site incident controller. The site incident controller will take control of the incident. He or she will often be the person in charge at the time of the incident.



The responsibilities of the site incident controller include the following:

- To assess the scale of the incident (both for internal and external emergency Services);
- To initiate the emergency procedures to secure the safety of persons and minimize loss of material;
- To direct rescue and fire-fighting operations until (if necessary) the fire brigade arrives;
- To search for casualties;
- To arrange evacuation of the building;
- To assume the responsibilities of the site main controller pending his or her arrival; and
- To provide advice and information as requested to the emergency services.

The site main controller will be chosen from the senior management of the works with general responsibility of directing operations from the emergency control center after relieving the site incident controller of the responsibility for overall control. The specific responsibilities of the site main controller include:

- To decide (if not decided already) whether a major emergency exists or is likely, requiring the emergency services and the off-site emergency plan.
- Continually to review and assess possible developments to determine the most probable course of events.
- To ensure that casualties are receiving adequate attention.
- To liaise with Chief Officers of the fire and police services.
- To arrange for a log of the emergency to be maintained.
- To issue authorized statements to the news media.
- To control rehabilitation of affected areas after the emergency.

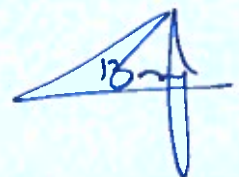
Procedure for Treatment

On getting a signal of an emergency, the site incident controller officer will take control of the situation. First aid parties will render first aid to casualties at the place of occurrence and those requiring further treatment would be transported to the nearest hospital by ambulance. The following phone numbers will be prominently displayed:

- Fire Office
- Police Station
- Nearest Hospital
- District Administration

First Aid

It is necessary to give first aid to the persons injured in the disaster. Doctor and paramedical staff will be made ready during emergency. There will be adequate first aid facility available to meet the workload.

A handwritten signature in blue ink, appearing to be 'B. J.', is located in the bottom right corner of the page.

Repair Services

Repair of damaged parts of the buildings will be taken up. Essential public utility services viz. water, electricity and sewerage system will be maintained in the case of a disaster.

Fire Fighting Services

Required fire fighting arrangements will be provided. All regulations for prevention of fire will be enforced. The following provisions will be made like Automatic Fire Alarm and Detection System, Manual Fire Alarm and Sprinkler System.

Following three teams will be created:

- Fire Fighting Team
- Rescue / Salvage Team
- Picket / Cordon Party

In case of emergency different teams will perform the following duties:

a) Duties of fire fighting team

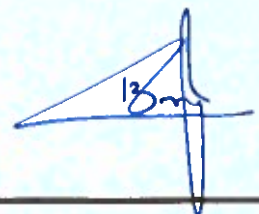
- On hearing the fire alarm rush to the scene of fire.
- Try to rush the fire with the help of fire extinguishers, hose reels and hydrants (internal / external)
- Act as per the directions of i/c Fire Officers at site
- The members of fire fighting teams shall enter the building in pairs
- The exit routes shall be marked
- Do not open the doors / windows, it will fan the fire
- Direct the jet of water at the seat of fire
- If the room is full with smoke, do not walk in it. Tie a wet cloth on mouth and crawl towards the exit.
- Help in fire fighting to the Fire Brigade Personnel.

b) Duties of Rescue / Salvage Plan

- On hearing the fire alarm rush to the scene of fire
- Rescue the trapped person if any inside the building
- Salvage the important documents / materials and keep them away at a safer place
- Always enter in pairs
- Mark the Exit points
- Help the fire fighting team after work of Rescue / Salvage is over.

c) Duties of Picket / Cordon Party

- On hearing the fire alarm reach the site of accident
- Cordon the area of Fire (Building involved in Fire) as some miscreants tries to steal the material.



- Do not allow to crowd the persons who are not the members of Fire Frightening / Salvage / Rescue party
- Keep vigil on all persons assembled at the site

d) Traffic Control

The free movement of the fire vehicle and ambulance at the scene of fire/emergency is very important and therefore, the security personnel on the duty ensures that all the roads at the scene of fire/emergency are kept clear and free from obstruction. Persons arriving by motor transport at the scene of fire / emergency will not be allowed to park their vehicle within 100 meters of fire.

Preventive Measures for Earthquake

An earthquake is a series of underground shock waves and movements on the earth's surface caused by natural processes writhing the earth's crust.

- The building lies in Seismic Zone-IV. The building will be seismically resistant and designed as per the following IS: Code
- IS 1893:2002 Criteria for Earthquake Resistant Design of Structure
- IS 4326:1993 Earthquake Resistant Design & Construction of Buildings – Code of Practice
- IS 13920:1993 Ductile Detailing of Reinforced Concrete Structures subjected to Seismic Forces – Code of Practice

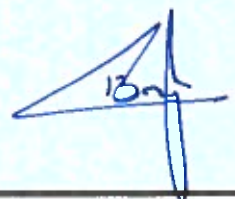
Contingency Plan

The following plan shall be followed:

- Plant fire fighting is activated
- Site incident controller officer takes overall charges of the situation
- Emergency controller assesses the situation for possible after effect of the fire in the plant and the surrounding areas likely to get affected
- Emergency controller informs local authority to send fire tenders
- Emergency controller informs the people of likely affected area to leave the area and move to other area, if necessary
- Controls the traffic and law and order
- Arranges medical aid and for the affected people
- Emergency controller arranges inspection of affected area to get the first-hand knowledge of damages occurred.

Other Provisions as per BOCW Act, 1996

- Provision of Safety Committee Meeting.
- Safety In-charge wherein 500 or more workers are employed.
- Provision of Crèche facility wherein 40 or more-woman workers are employed.
- Medical and first aid facility with ambulance and trained driver.
- Canteen wherein 250 or more-woman workers are employed.



- Sanitary and safe drinking water facilities.

CONCLUSION

The proponent has conceptualized IT/ITES Park with wide roads, large open areas, basic amenities, sufficient civic amenities like water supply, wastewater collection and treatment along with proper solid waste management system and water harvesting system, all conforming to the prevailing government norms and regulations. Based on the environmental assessment, the associated potential adverse environmental impacts can be mitigated to an acceptable level by adequate implementation of the measures as stated in the EMP.

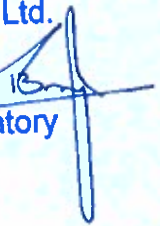
Some of the measures adopted for the project are:

- Energy conservation in building and use of renewable energy resources
- Use of mobile toilets and mobile STP during construction phase and reutilization of treated water for construction purposes
- Use of low embodied energy materials
- Use of fly-ash in bricks and concrete replacing cement as per design
- Green belt, avenue plantation and children's play ground
- Use of plastic and plastics bags in road constructions
- Provide permeable paving to control surface water runoff
- Rainwater harvesting implementation in consultation with CGWB
- Provision of energy efficient fixtures and construction materials like BEE rated motor pumps and chiller plants
- Meet all requirements for buildings in moderate earthquake prone areas
- Comprehensive Solid Waste Management Plan including bio-composting
- Provision of fire alarms and water sprinklers
- Disabled- friendly design with ramps, etc
- Provision of welfare schemes to workers
- Commitment to engaging local people and businessmen for maintenance and repair work

Hence, it may be concluded that the project will have significant positive economic and social impact on the local community apart from meeting the housing needs of the occupants, without bearing any significant adverse environmental impacts.

GYGY Infradesign Pvt. Ltd.

Authorised Signatory



ANNEXURE VIII
GREEN AREA DEVELOPEMENT

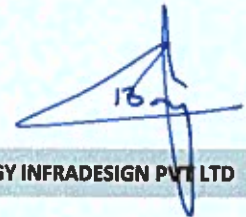
1.10 GREEN AREA

Total green area measures 7029.43 m² i.e., which is 50% of open area which will be area under tree plantation within the project and along the roads. One tree per 80 sq. mt. of plot area out of which minimum 50 % to be in the category of evergreen trees.

A combination of evergreen and ornamental flowering trees, palms, shrubs and ground covers will be planted along the sides of the roads and in open spaces & set back area within the project.

Landscaping is an important element in altering the microclimate of a place. Proper landscaping reduces direct sun from striking the buildings and heating up building surfaces, prevents reflected light carrying heat into a building from the ground or surfaces, creates different airflow patterns and can be used to direct or divert the wind advantageously by causing a pressure difference. Shade created by trees and the effects of grass and shrubs reduce air temperature adjoining the building and provide evaporative cooling. A study shows that the ambient air under a tree is 2°C to 2.5°C lower than that for adjacent un-shaded areas.

Parks & Avenue Plantation



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Ornamental trees with spreading branches, shade giving with colorful flowers for visitors to relax and suitable patches of lawns shall be provided. The following trees proposed to be planted in the proposed project.

- Trees with colonial canopy with attractive flowering.
- Trees with branching at 10 feet and above.
- Trees with medium spreading branches to avoid obstruction to the traffic, fruit trees to be avoided because children may obstruct traffic and general movement of public.

The selection of plant species for the development depends on various factors such as climate, elevation and soil. The list of plant species, which can be suitably planted, and having significant importance are provided in Table-8. The plants should exhibit the following desirable characteristic in order to be selected for plantation. Table 9 shows the no of trees to be planted.

Table 8: List of Plant Species to be planted in the Green Area

S. No	Scientific Name	Common Name	Time when flowering/Fruiting Occurs
1.	<i>Azadirachta indica</i>	Neem	June-July
2.	<i>Alstonia scholaris</i>	Chitwan	January-April
3.	<i>Millingtonia hortensis</i>	Indian Cork Tree, Tree Jasmine	April-September
4.	<i>Grevillea robusta</i>	silver oak	September-November
5.	<i>Anthocephalus Chinensis</i>	Kadamba Tree	June-August
6.	<i>Delonix regia</i>	Gulmohar	March-July
7.	<i>Ricinus communis</i>	Castor Oil Plant	July-September
8.	<i>Salix caprea</i>	Goat Willow	February-April
9.	<i>Prosopis stephanlana</i>	Shami	December-March
10.	<i>Citrus limon</i>	Lemon	January-December
11.	<i>Bauhinia acuminata</i>	White Orchids	March-September

ORNAMENTAL TREES

1.	<i>Dyopsis lutescens</i>
2.	<i>Bougainvillea</i>

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3.	<i>Clerodendron innerme</i>
4.	<i>Cycas circinalis</i>
5.	<i>Euphorbia carcasana</i>

Table 9: No of Trees To be planted

1.	As per Noida Bye Laws	1 tree/100 sqm. of open space
	Open Area	14000 sqm
	Trees Required	$14000/100 = 140$ Trees
2.	As per MoEF Norms	1 tree/80sqm of plot area
	Plot Area	20000 sqm
	Trees Required	$20000/80 = 250$ Trees
3.	No of trees proposed to be planted	250 Trees

ANNEXURE IX
MINING PERMISSION



कार्यालय जिलाधिकारी, Gautam Buddha Nagar

(खनन-अनुभाग)

भवन / विकास परियोजना (नियम ५३) हेतु अनुज्ञप्ति



MINES MITRA

संख्या: NOC/BDP/2023/3/23/197930

दिनांक: 03-04-2023

आवेदक एवं अवधि

अनुज्ञप्तिधारी का नाम	Gygy Infradesign Pvt Ltd	अनुज्ञप्तिधारी का पता	PLOT NO 02 SECTOR 140 NOIDA GAUTAM BUDH NAGAR
अनुज्ञा की अवधि	अवधि 03-04-2023 से 02-07-2023 तक	परियोजना का प्रकार	BUILDING

भवन विकास परियोजना के निर्माण की प्रक्रिया में खुदाई के दौरान प्राप्त उपखनिजों के निस्तारण हेतु अनुज्ञा प्राप्त उपखनिज का विवरण

अनुज्ञप्ति उपखनिज	अनुज्ञप्ति मात्रा
Ordinary Soil	32000.00 घन मी०

भवन / विकास परियोजना (नियम ५३) हेतु उपयोग होने वाली भूमि की अवस्थिति

जनपद	तहसील	ग्राम/सेक्टर	गाटा संख्या/खण्ड संख्या/प्लॉट संख्या	क्षेत्रफल (हेक्टेयर)	ब्लॉक एरिया (वर्ग मी०)
Gautam Buddha Nagar	Dadri	SECTOR 140 NOIDA GAUTAM BUDH NAGAR	PLOT NO 02	2.0000	90772

आवेदक द्वारा अनुसूचक-1 की शर्तों का अनुपालन किया जाना अनिवार्य होगा।

Digitally signed by Vandita Srivastava
Date: 2023.04.03 17:45:05
Gautam Buddha Nagar
District Magistrate

अनुज्ञा पत्र की शर्तें निम्नवत हैं।

1. अनुज्ञा पत्र धारक संघट्ट किये गये सभी खनिजों का लेखा रखेगा और एतदर्थ प्रतिनिधिक प्राधिकारी को ऐसे लेखों का निरीक्षण करने की अनुमति देगा।
2. उ०प्र० उप खनिज परिहार नियमावली 2021 नियम 42 (ड) का पालन किया जायेगा।
3. अनुमोदित खनन योजना में दी गयी शर्तों का प्रभावी पालन किया जायेगा।
4. परिवहन विभाग द्वारा नियत मानकों के अनुरूप ही खनिजों का परिवहन किया जायेगा।
5. शायनादेश संख्या 1407/86-2017-107 (सामान्य) भूतत्व एवं खनिक्य अनुभाग, लखनऊ दिनांक 11 जुलाई, 2017 में दिये गये निर्देशों के अनुसार ई अभिवहन प्रपत्र (एम०एम०-11) खनिजों को परिवहन करने वाले वाहनों को जारी किया जायेगा।
6. खनन/परिवहन कार्य उ० प्र० उपखनिज (परिहार) नियमावली, 2021 तथा समय-समय पर निर्यत शायनादेशों में निहित शर्तों/प्राधिकारों के अनुसार किया जायेगा।
7. अनुज्ञा पत्र धारक द्वारा उ०प्र० उपखनिज (परिहार) नियमावली, 2021 तथा खान एवं खनिज (विकास और विनियम) अधिनियम, 1957 का अनुपालन सुनिश्चित किया जायेगा।
8. अनुज्ञा पत्र धारक, निर्धारित प्रपत्र E एम०एम०-11 से खनिजों का परिवहन करेगा तथा सम्बन्धित विवरण पत्र एम०एम०-9 पर रखेगा एवं प्रतिनियुक्त अधिकारी को ऐसे लेखों का निरीक्षण करने की अनुमति देगा।
9. अनुज्ञा पत्र धारक किसी सार्वजनिक निर्माण को क्षति नहीं पहुंचायेगा।
10. खनन अनुज्ञा पत्र धारक किसी तीसरे पक्ष के दावों की क्षतिपूर्ति करना रहेगा और इस प्रकार के दावों उसके उत्पन्न होने ही स्वयं निक्षेपित करेगा।
11. अनुज्ञा पत्र की अवधि 3 माह या स्वीकृति मात्रा जो पहले समाप्त हो अनुज्ञा पत्र की अवधि मानी जायेगी।
12. अनुज्ञा पत्र धारक समय-समय पर आसन द्वारा निर्धारित-स्वामित्व राजस्व जमा करने के लिए बाध्य होगा।
13. अनुज्ञा पत्र धारक ऐसी रीति से खनन संक्रियाएँ करेगा जिससे कोई सड़क, सार्वजनिक मार्ग, भवन, भू-गुहादि सार्वजनिक भू-स्थल या सार्वजनिक सम्पत्ति पर कोई बाधा न पड़े या उसे क्षति न पहुंचे।
14. यदि अनुज्ञापत्रधारक दी गयी शर्तों का उल्लंघन करता है अथवा विवाद की स्थिति पैदा करता है तो अनुज्ञा पत्र निरस्त कर दिया जायेगा और जमा रायल्ली और जमा रायल्ली राज्य सरकार के पक्ष में जव्त कर अनुज्ञा पत्र धारक के अनुज्ञा पत्र में उ०प्र० उपखनिज (परिहार) नियमावली-2021 तथा खान और खनिज (विकास और विनियम) अधिनियम, 1957 की सुसंगत धाराओं के अन्तर्गत कार्यवाही किया जायेगा।
15. यदि खनन करते समय खनन स्थल से कोई अन्य उपखनिज निकलता है तो उसकी सूचना जिलाधिकारी/जिला खनन अधिकारी कार्यालय, Gauram Buddha Nagar को देना तत्पश्चात् उपखनिज की मात्रा एवं रायल्ली का आकलन कर आदेशक से रायल्ली के रूप में वसूली की जायेगी।
16. यदि अनुज्ञा पत्र धारक दी गयी शर्तों का उल्लंघन करता है अथवा विवाद की स्थिति पैदा करता है तो अनुज्ञा पत्र निरस्त कर दिया जायेगा और जमा रायल्ली राज्य सरकार के पक्ष में जव्त कर अनुज्ञा पत्र धारक के विरुद्ध MOEF की सुसंगत धाराओं, उ०प्र० उपखनिज (परिहार) नियमावली, 2021 तथा खान और खनिज (विकास और विनियम) अधिनियम, 1957 की सुसंगत धाराओं के अन्तर्गत कार्यवाही किया जायेगा।
17. जिलाधिकारी द्वारा दी गई अतिरिक्त शर्तों का पालन हेतु अनुज्ञापत्रधारक बाध्य हो
18. अनुज्ञा धारक द्वारा प्राधिकरण द्वारा अनुमोदित मानचित्र के साथ संलग्न शर्तों का अधरक्ष अनुपालन करना होगा तथा आस पास के भवनों से सुरक्षित दूरी छोड़कर खनन संक्रियाएँ करेगे

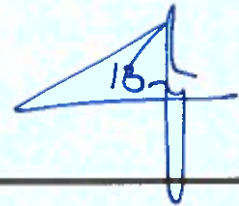
ANNEXURE X

ENVIRONMENT MANAGEMENT CELL

2.2 ENVIRONMENT MANAGEMENT CELL

Apart from having an Environmental Management Plan, it is also proposed to have a permanent Organizational set up charged with the task of ensuring its effective implementation of mitigation measures and to conduct environmental monitoring. The major duties and responsibilities of Environmental Management Cell shall be as given below:

- To implement the environmental management plan.
- To assure regulatory compliance with all relevant rules and regulations.
- To ensure regular operation and maintenance of pollution control devices.
- To minimize environmental impact of operations as by strict adherence to the EMP.
- To initiate environmental monitoring as per approved schedule.
- Review and interpretation of monitored results and corrective measures in case monitored results are above the specified limit.
- Maintain documentation of good environmental practices and applicable environmental laws for a ready reference.
- Maintain environmental related records.



- Coordination with regulatory agencies, external consultants, monitoring laboratories.
- Maintenance of log of public complaints and the action taken

Structure of Environmental Management Cell

The Project site will be supervised and controlled by the management supported by adequate team of technically and statutorily qualified personnel apart from the operating staff of skilled, semi skilled, unskilled and other categories.

1. Management: Management will be basically the owner company and will be supervising the final decisions. All the matters will be brought to the management. There is a possibility that a third party is hired for maintenance of building. In that case also the management will be the whole sole owner of the company.

2. Project Management Cell: This is consortium of Maintenance staff and Environmental Engineering group. This cell will look after everything related to the project after completion. This can be in-house company of the parent company or any third party to whom management will offer work. Under this PMC there will be Maintenance cell and Environment Cell which will look after all the matters on ground and will be constituted of skilled, semi skilled and unskilled workers for running of the project.

3. Maintenance Cell: Maintenance staff will be responsible for looking after maintenance of all the plants and machinery installed in the project. All kind of mechanical, electrical or plumbing related problems or issues will be dealt by the Maintenance staff.

4. Environment Cell: This cell will be responsible for managing and complying environmental conditions as per EC letter and as per other pollution control board norms. EMC will be constituted by hiring qualified Environment Engineers and other staff and labours as per the requirement. EMC will be responsible for:

1. Operation of STP
2. Landscaping and beautification of green belt
3. Water conservation by using treated water from STP
4. Maintenance of DG set as per CPCB guidelines
5. To get tie up with authorized vendors for solid waste management
6. Filling the six-monthly compliance report
7. Conducting energy and environmental audits of the project time to time

Environmental monitoring

The purpose of environmental monitoring is to evaluate the effectiveness of implementation of Environmental Management Plan.

Budgets for Environment Management Plan:

Below mentioned budget will be provided to the Environment Management Cell for implementation of EMP and monitoring of Environmental parameters. Salaries of employees in Environment management cell will be separate from the mentioned budget.

Table 11: EMP Budget Details

S. No.	Particulars	Capital Cost (Rs. Lacs)	Recurring Costs (Rs. Lacs/Year)
1	Sewage Treatment Plant	50.0	5.0
2	Rain Water Harvesting	30.0	5.0
3	Solid Waste Management	15.0	5.0
4	Environmental Monitoring		3.0
5	Horticulture/Green belt	40.0	10.0
6	Fire Fighting	15.0	5.0
	Total	150.0	32.0

ANNEXURE XI

CORPORATE ENVIRONMENT RESPONSIBILITY

2.3 CORPORATE ENVIRONMENT RESPONSIBILITY

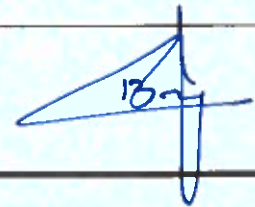
Corporate environmental responsibility (CER) has become an important aspect of a company's overall responsibility in today's context. In the Office Memorandum of GOI Ministry of the Environment, Forest & Climate Change Impact Assessment Division N 22.65/2017-IA III dated 30th September, 2020: it has been further clarified that Expert Appraisal committee or State Level Appraisal committee shall prescribe specific condition(s) in physical terms while recommending the proposal, for grant of prior environmental clearance instead of allocation of funds under corporate Environmental Responsibility.

In this context, the proposal of Environmental Management Plan (EMP) in physical terms is mentioned in EMP. [Table No 11]

A detailed environmental management plan to be followed during the construction and operation phase is presented in **Table 12**

Table12- Environmental Management Plan – Construction Phase

Discipline	Potential Negative Impacts	Probable Source	Mitigative Measures	Remarks
Water Quality	Increase in suspended solids due to soil runoff during heavy precipitation	Loose soil at construction site	During monsoon season run-off from construction site shall be routed to a Temporary sedimentation tank for settlement of suspended solids.	--



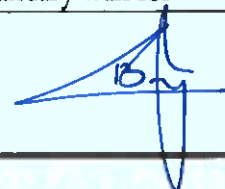
Air Quality	Increase in ambient dust (PM) and NO _x levels	Vehicular movements, excavation and leveling activity	Isolate the construction area with flexible enclosures/ curtains so that the air emissions will not spread in the surroundings. Sprinkling of water in the construction area and unpaved roads. Proper maintenance of vehicles shall be done. Restrict dust-generating activities, such as blasting or top soil removal, to calm wind conditions. Cover heavy vehicles moving offsite. Restrict vehicle speed on construction roads and ensure vehicles use only dedicated construction roads and access points. Visually monitor particulate emissions from diesel vehicles and carryout regular maintenance of equipment.	Construction vehicles will be maintained properly for reducing air pollution levels from vehicle exhausts.
Noise	Increase in ambient noise level	Construction equipment	Develop and implement a construction noise management plan. Limit hours of construction where practical. Where blasting occurs, pit shapes and blast campaigns will be designed such that the blast faces are oriented away from noise sensitive receivers.	Equipment shall be kept in good condition to keep the noise level within 90 dB(A). Workers shall be provided with necessary protective equipment <i>e.g.</i> earplugs, earmuffs.
Terrestrial ecology	Clearing of vegetation	Soil enabling activities	Landscaping and extensive plantation shall be done.	Open spaces reserved will be green turfed and appropriate type of plantations will be done.
Socio-economics	Land oustees	Land Acquisition	The proposed site is already in possession of the project promoters and free from encumbrances,	

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			hence private land acquisition and resultant rehabilitation and resettlement issues are not involved.	
Excavated Material	Loss of excavated top soil	Excavation	The topsoil shall be properly stored and used for leveling in the low-lying area. The construction debris shall be used to level the low lying area.	

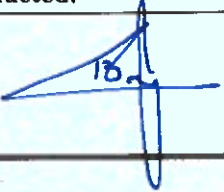
Table 13- Environmental Management Plan - Operation Phase

Discipline	Potential Negative Impacts	Probable Source	Mitigative Measures	Remarks
Water Quality	Deterioration of quality of receiving water body, if any.	Discharge from various sources	Provide adequate treatment and conditioning facilities so that the treated sewage conforms to the regulatory standards.	Wastewater generated will be treated in STP and treated water will be utilized for landscaping and toilet flushing.
Air Quality	Increase in dust (PM) and gaseous pollutants in ambient air.	Vehicular traffic, Stack emissions from DG sets.	• Usage of Bharat-III/Euro-III compliant vehicles. • Usage of low sulphur fuel for transportation and for DG sets. • Motorable roads in the complex shall be paved to reduce dust emission. • Ensure operational procedures are adequately implemented and regularly reviewed so as to identify opportunities for continual improvement.	Adequate stack heights shall be provided for the proper dispersion of pollutants from the DG Sets. Emissions from DG sets shall be maintained below regulatory standards.
Noise	Increase in noise Levels.	Vehicular movement, pump house &	Equipment shall be designed to conform to noise levels prescribed	Green belt will also be developed all along the boundary wall for



		DG set operation.	by regulatory agencies.	Attenuating the noise.
Traffic	Increase of vehicle count in existing road.	Additional vehicle movement	Improvement of infrastructure, use of modern emission standard vehicles for transportation, provision of the proper parking yard and evaluate impact of traffic density and vehicular emissions.	Proper roads will reduce the dust emissions to a great extent.
Solid waste	Impact of human health.	Domestic usage.	All solid waste will be segregated at source and will be given to authorized agents for recycling/composting.	--
Demography & socio-economics	Strain on existing amenities like water sources and sanitation and infrastructure facilities.	Influx of people of proposed project.	All ultra modern work environments shall be provided inside the project site.	The proposed residential township would generate employment both directly and indirectly. This would enhance overall socio-economic development & quality of life of people.
Terrestrial ecology	Impact on plant species	Vehicular movement and emissions from stack	It is proposed to develop lawns and green cover. Part of the treated wastewater from domestic uses can be used for greenbelt development.	As emissions will be within limits, no active damage to vegetation is expected.
Storm water control	Impact of water resources.	Rain water etc.	Provide separate storm water drainage network. Provide rainwater-harvesting pits for percolation of rainwater.	Separate storm water drains will be provided.
Fire and safety	Accidents/disasters related to fire and safety	Domestic firing	Prepare DMP and implement DMP	A well-laid fire fighting system and fire extinguishers will be installed as per fire safety norms. Regular fire safety training and mock drills will also be conducted.

18.2



ANNEXURE XII
IGBC PRE CERTIFICATE



Confederation of Indian Industry

Indian Green Building Council (IGBC)

hereby precertifies

MENTIS, SECTOR-140, NOIDA

GYGY Infradesign Private Limited,

(IGBC Registration No. NBT 22 0138)

*The project has demonstrated intent to design and build
high performance building in accordance with*

IGBC Green New Buildings Rating System

(Tenant-Occupied Building)

Precertified Gold

June, 2022

(Precertification is valid for 3 years, renewed based on six monthly progress updates till certification)

C N Raghavendran

Chair, IGBC Green New Buildings

Gurmit Singh Arora

Chairman, IGBC

K S Venkatagiri

Executive Director, CII-Godrej GBC



ANNEXURE XIII
SOLID WASTE MANAGEMENT PLAN

1.9 SOLID WASTE GENERATION

Solid waste would be generated both during the construction as well as during the operation phase. The solid waste expected to be generated during the construction phase will comprise of excavated materials, used bags, bricks, concrete, MS rods, tiles, wood etc. The following steps are proposed to be followed for the management of solid waste:

- ❖ Construction yards are proposed for storage of construction materials.
- ❖ The excavated material such as topsoil and stones will be stacked for reuse during later stages of construction.
- ❖ Excavated top soil will be stored in temporary constructed soil bank and will be reused for landscaping of the IT/ITES project.
- ❖ Remaining soil shall be utilized for refilling / road work / rising of site level at locations/ selling to outside agency for construction of roads etc.

Solid Waste Scheme during construction phase is given below in Figure 5.

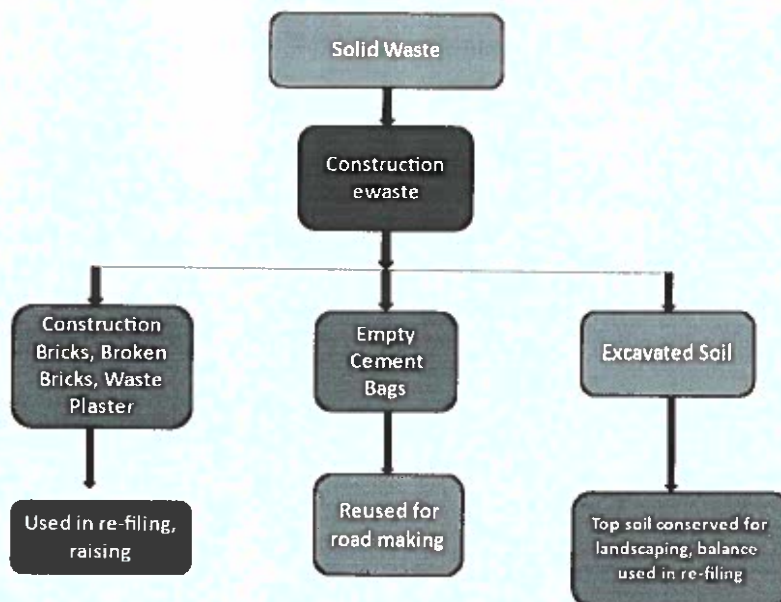


Figure 5: Solid Waste Scheme During

(Construction Phase)

During the operation phase, waste will comprise domestic as well as landscape waste. The solid waste generated from the project shall be mainly domestic waste and estimated total quantity of the waste shall be approx. 1187 kg per day. Following arrangements will be made at the site in accordance to Solid Wastes Management and Handling Rules, 2016. Table 7 depicts solid waste calculation:

Table 7: Solid Waste Calculation

S.No	Particular	Population	Waste Generated kg/day
1	Commercial population (@ 0.2 kg/cap/day)	5933	1187
2	Staff @ 0.25 kg/day	295	74
3	Visitors @ 0.15 kg/day	590	89
4	Horticulture Waste @0.0036/sq/day	7029.43	25

❖ Collection and Segregation of waste

- 1) A door-to-door collection system will be provided for collection of waste in colored bins.
- 2) The local vendors will be hired to provide separate-colored bins for dry recyclables and Bio-Degradable waste.
- 3) Litter bin will also be provided in open areas etc.

❖ Treatment of waste

• Bio-Degradable wastes

- 1) Bio-degradable waste will be subjected to organic waste convertor and the compost will be used as manure.
- 2) STP sludge is proposed to be used for horticultural purposes as manure.
- 3) Horticultural Waste is proposed to be composted and will be used for gardening purposes.

❖ Recyclable wastes

- i. Grass Recycling – The cropped grass will be spread on the green area. It will act as manure after decomposition.
- ii. Recyclable wastes like paper, plastic, metals etc. will be sold off to recyclables.

❖ Disposal

Recyclable and non-recyclable wastes will be disposed through Govt. approved agency. Hence, the Municipal Solid Waste Management will be conducted as per the guidelines of Municipal Solid Wastes (Management and Handling) Rules, 2000. A Solid waste management Scheme is depicted in the following figure 6 for the IT/ITES project.

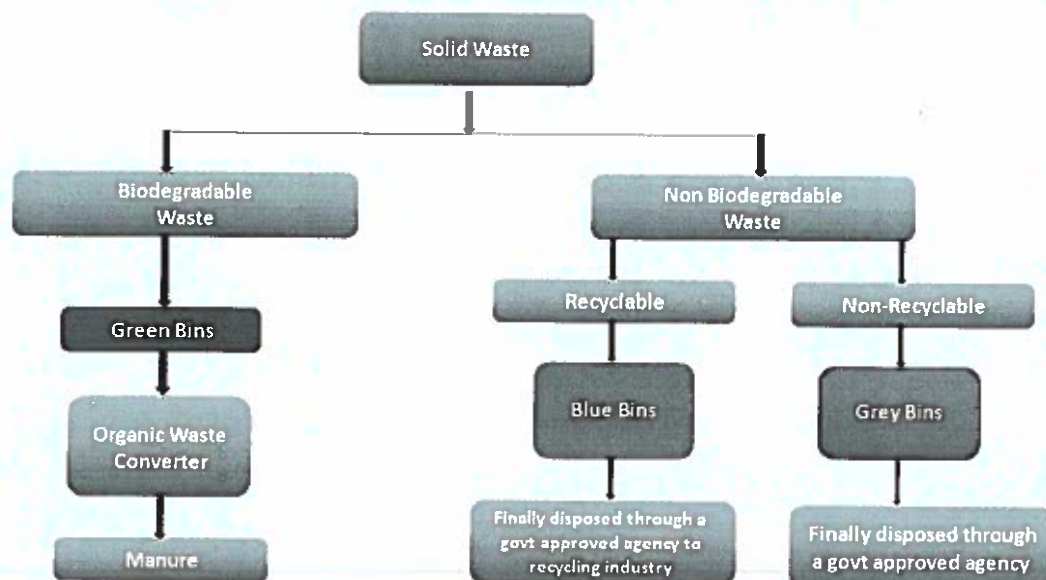
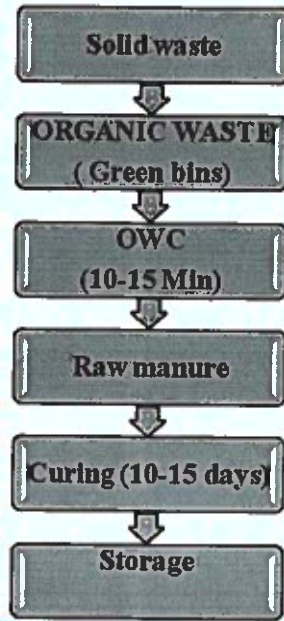


Fig.6: Solid Waste Management Scheme (Operational Phase)

"E-waste" is a popular, informal name for electronic products nearing the end of their "useful life." E-wastes are considered dangerous, as certain components of some electronic products contain materials that are hazardous, depending on their condition and density. The hazardous content of these materials poses a threat to human health and environment. Discarded computers, televisions, VCRs, stereos, copiers, fax machines, electric lamps, cell phones, audio equipment and batteries if improperly disposed can leach lead and other substances into soil and groundwater. Many of these products can be reused, refurbished, or recycled in an environmentally sound manner so that they are less harmful to the ecosystem. Reducing e-waste requires that we reduce, reuse, recycle and recover. The goal is nothing less than zero land fill. Network of scrap dealers will be encouraged to procure from door to door for the smaller quantities. E-Waste will be managed as per the E-waste (Management and Handling Rules)'2016. UPPCB/CPCB approved E-Waste dealers will be motivated to procure from Secondary collection point in the project site.

Plastic Waste: Plastic has multiple uses and the physical and chemical properties lead to commercial success. However, the indiscriminate disposal of plastic has become a major threat to the environment. In particular, the plastic carry bags are the biggest contributors of littered waste and every year, millions of plastic bags end up in to the environment vis-a-vis soil, water bodies, water courses, etc. and it takes an average of one thousand years to decompose completely. **Therefore, to address the issue of scientific plastic waste management, the Plastic Waste (Management and Handling) Rules, 2011 were notified in 2011, which included plastic waste management. Subsequently, the Government notified the Plastic Waste Management Rules, 2016 and amendments to it in 2018 and 2021.**

Process Flow diagram of Organic Waste Converter machine is depicted below in figure 7.



Process flow diagram of OWC

Fig.7: Process flow diagram of OWC

ANNEXURE XIV
RAINWATER HARVESTING PLAN

1.7 RAIN WATER HARVESTING

The storm water collection system for the premises shall be self-sufficient to avoid any collection/stagnation and flooding of water. The amount of storm water run-off depends upon many factors such as intensity and duration of precipitation, characteristics of the tributary area and the time required for such flow to reach the drains. The drains shall be located near the carriage way along either side of the roads. Taking the advantage of road camber, the rainfall run off from roads shall flow towards the drains. Storm water from various areas shall be connected to adjacent drain by a pipe through catch basins.

- 1) Since the existing topography is congenial to surface disposal, a network of storm water pipe drains is planned adjacent to roads. All building roof water will be brought down through rain water pipes.
- 2) Proposed storm water system consists of pipe drain, catch basins and seepage pits at regular intervals for rain water harvesting and ground water recharging.
- 3) For basement parking, the rainwater from ramps will be collected in the basement storm water storage tank. This water will be pumped out to the nearest external storm water drain.
- 4) The peak hourly rainfall of 50 mm/hr shall be considered for designing the storm water drainage system.

Rain water harvesting has been catered to and designed as per the guideline of CGWA. Peak hourly rainfall has been considered as 50 mm/hr. Length, width and depth of a Recharge pit is 4m, 2m and 3.5 m respectively and constructed for recharging the water. The bottom of the recharge structure will be kept 5 m above this level. At the bottom of the recharge pit, a filter media is provided to avoid choking of the recharge bore. Design specifications of the rain water harvesting plan are as follows:

- ☛ Catchments/roofs would be accessible for regular cleaning.
- ☛ The roof will have smooth, hard and dense surface which is less likely to be damaged allowing release of material into the water. Roof painting has been avoided since most paints contain toxic substances and may peel off.
- ☛ All gutter ends will be fitted with a wire mesh screen and a first flush device would be installed. Most of the debris carried by the water from the rooftop like leaves, plastic bags and paper pieces will get arrested by the mesh at the terrace outlet and to prevent contamination by ensuring that the runoff from the first 10-20 minutes of rainfall is flushed off.

☞ No sewage or wastewater would be admitted into the system.

☞ No wastewater from areas likely to have oil, grease, or other pollutants has been connected to the system.

Calculations for storm water load

Roof-top area = Ground Coverage = 5960.37 m²

Green Area (softscape green area) = 7029.43 m²

Paved Area = Total Plot Area – (Roof-top Area + Green Area)

= 20000 – (5960.37 + 7029.43)

= 7010 m²

Runoff load to be utilized for artificial ground water recharge:

Runoff from Roof-top Area = 5960 × 0.05 × 0.8

= 238 m³/hr

Taking 15 minutes of retention time, total storm water load = 238/4 = 60m³/hr

Taking the effective length, breadth & depth of a Recharge pit 4 m, 2 m & 3.5 m respectively,

Volume of a single Recharge pit = l × b × h = (4 × 2 × 3.5)

= 28 m³

Hence no. of pits required approx. = 60/28 = 2.14 Pits

i.e. = 2 Pits

Runoff load to be stored in tanks:

Runoff from Green Area = 7029.43 × 0.05 × 0.1

= 35.1 m³/hr

Runoff from Paved Area = 7010 × 0.05 × 0.75

= 263 m³/hr

Total Runoff Load = Runoff from green area + runoff from paved area = 298.1m³/hr

Taking 15 minutes Retention Time, Total volume of storm water = 298.1/4

= 75 m³

Volume of a tank = 28 m³

Hence No. of tanks required = 3

Total of 2 rainwater harvesting pits & 3 rainwater harvesting tanks are proposed.

Figure 4 below depicts the typical rain water harvesting design

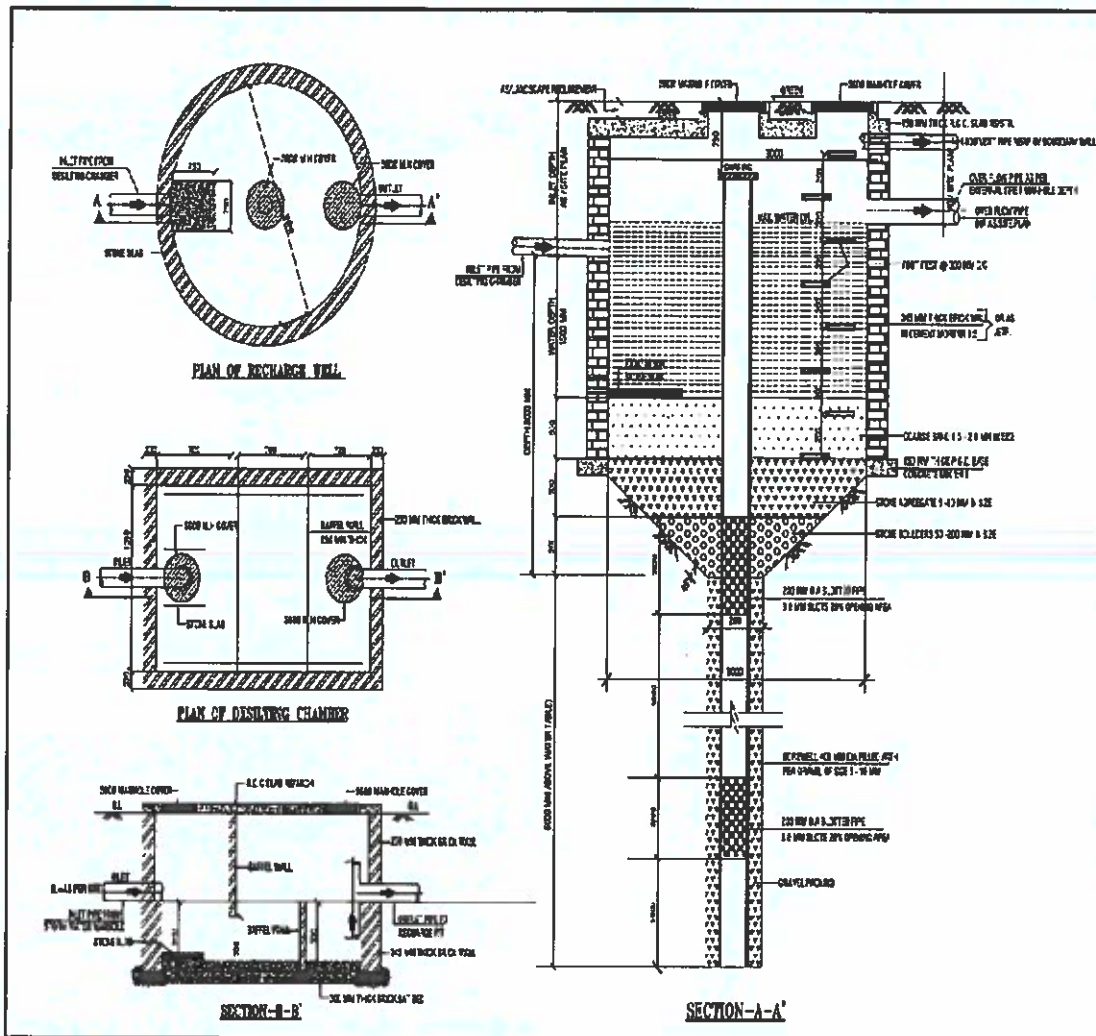


Figure 4: Schematic design of rain water harvesting

ANNEXURE XV
PUC CERTIFICATES

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Uttar Pradesh

Date : **21/01/2023**
Time : **10:28:51 AM**
Validity upto : **20/07/2023**



Certificate SL. No. : UP01602110007226
Registration No. : UP16GT2659
Date of Registration : 27/Jul/2019
Month & Year of Manufacturing : June-2019
Valid Mobile Number : *****6465
Emission Norms : Bharat Stage III (CEV)
Fuel : DIESEL
PUC Code : UP0160211
GSTIN :
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.5

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Uttar Pradesh

Date : **21/01/2023**
Time : **10:27:17 AM**
Validity upto : **20/07/2023**



Certificate SL. No. : UP01602110007225
Registration No. : UP16GT2759
Date of Registration : 01/Aug/2019
Month & Year of Manufacturing : June-2019
Valid Mobile Number : *****7766
Emission Norms : Bharat Stage III (CEV)
Fuel : DIESEL
PUC Code : UP0160211
GSTIN :
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.42
This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.				

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm