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Yotta Data Center, Noida: North India's first major Digital Hub

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This project envisages the development of North India's first hyperscale data center park, named 'Yotta Data Center Park', in Greater Noida, Delhi-NCR.

Project Overview:

Yotta Infrastructure, a part of the renowned **Hiranandani Group**, is spearheading the development of North India's first hyperscale data center park, in Greater Noida, Delhi-NCR. Known as '**Yotta Data Center Park**', this ambitious project is set to transform the data landscape in the region, offering cutting-edge digital infrastructure for businesses, government organizations, and digital enterprises.

Project Scope

The Yotta Data Center Park in Greater Noida will cover an impressive **20 Acres** land parcel, designed to host 6 data center (DC) buildings. With a planned total capacity of 30,000 server racks and a power potential of **250 MW**, this hyperscale data center park is built to support high-density digital operations. The IT power capacity is set to reach 175 MW, highlighting the facility's ability to support extensive and intensive workloads.

Yotta Infrastructure has committed an estimated investment of **7,000 INR-Crore** towards the Data Center Park, with a construction cost of **2,175 INR-Crore**. The first of the six data centers, 'Yotta D1', was launched on October 31, 2022. This initial phase spans 300,000 SqFt over 7 stories and has a capacity of 5,000 server racks and 42 MW of power, marking a significant milestone in Yotta's mission to expand India's digital infrastructure.

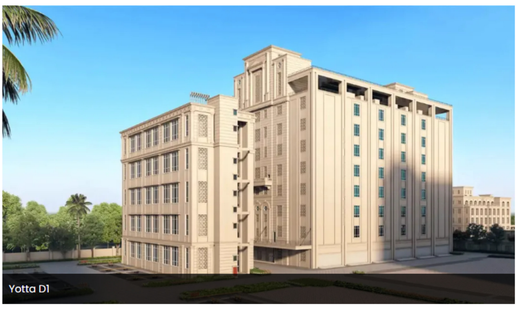
The park will integrate renewable power solutions, reflecting the Hiranandani Group's focus on environmental responsibility. Additionally, the facility will benefit from 3 redundant fiber paths, ensuring uninterrupted and high-speed connectivity—essential for data-intensive industries and applications. The data center park aims to achieve Tier III and Tier IV design certifications from the **Uptime Institute (USA)**, ensuring maximum reliability and performance.

Recent Updates:

Grune Designs Pvt Ltd and **N K Jain Consulting Engineers** are the electrical engineering consultants for the project.

As of November 2024,

- Yotta D1 & Office Building: Completed.
- DC Building 2: Finishing work is in progress.
- Yotta D3, D4 & D5: Construction work has not yet started.



Yotta D1

Project details:

Name of the Project	Yotta Data Centre, Noida
Latest Status	**Under-Construction** Status Update: **As of November 2024**, Yotta D1 & Office Building: Completed. DC Building 2: Finishing work is in progress. Yotta D3, D4 & D5: Construction work has not yet started.
Location	Gautam Buddha Nagar, Noida
Land Area (In Acres)	20 Acres
Construction Cost (INR-Crore)	2,175 INR-Crore
Description	**The project includes the construction of:** **6 Buildings**: Basement + Ground Floor + 7 Upper Floors **Office Building**: Ground Floor + 3 Upper Floors **The construction cost and area of the project are tentative.**
Building Use(s)	Data Centre
Owner – Developer	Yotta Infrastructure
Sector	Private
Construction start	2021
Project completion (Estimated timeline)	2026

ABOUT

Yotta Infrastructure

Yotta Infrastructure, a subsidiary of the Hiranandani Group, is a leading hyperscale Tier IV data center service provider in India. It offers a comprehensive range of services including IaaS, cloud solutions, cybersecurity, and managed IT services. With state-of-the-art data centers in Navi Mumbai and Greater Noida, Yotta is poised for expansion across major Indian cities.

Grune Designs Pvt Ltd

Founded in 2017, Grune Designs Pvt Ltd, is a multidisciplinary consultancy firm specializing in engineering, architecture, and sustainability. The company focuses on designing high-performance building environments with energy-efficient and carbon-reducing strategies.

N K Jain Consulting Engineers

The firm specializes in providing comprehensive engineering services for large-scale data centers. They offer end-to-end design services including architectural, civil, structural, HVAC, electrical, safety, security, and control systems. N K Jain leverages extensive experience in designing hyper-scale data centers, delivering innovative engineering solutions and optimizing space utilization.