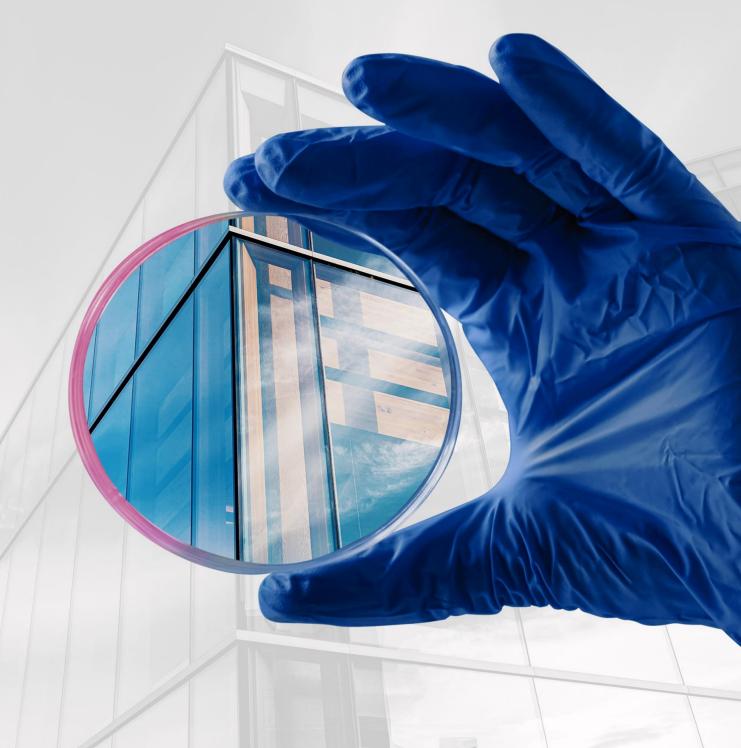


Opportunity for R&D and Scale-up Facility Lease at



**AMTZ, Vishakhapatnam** 



October 2023



#### **Location: Andhra Pradesh Medtech Zone**

Asia's First Medical Devices Park

Spread across 270 Acres, AMTZ is one of the world's largest integrated medical device manufacturing ecosystems and fastest developed industrial zone (under 100 Acres). Incorporated on 30th April 2016 with over 100 resident companies, AMTZ aims to set up 250+ Manufacturing Units, assisting Investors across the globe



**Air Connectivity** Visakhapatnam International Airport: 18 km



**Connectivity with Major Ports** Vishakhapatnam Port: 22 km



**Rail Connectivity** Duvvada: 8 kms



**Bio Material** Testing



EMI/EMC Testing



Gamma Irradiation



Centre for 3D Printing



Testing &



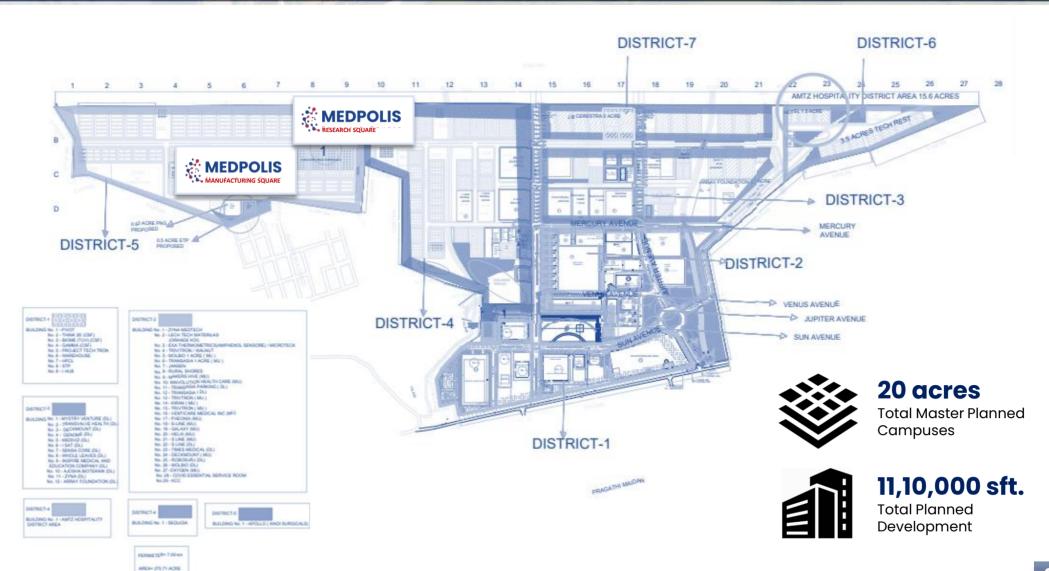
Pre-Compliance Calibration Lab Testing (PCT)





### **Master Plan**

Medpolis at Phase-2, AMTZ Vishakhapatnam





## **Cluster Development Approach**

Collaborative environments are crucial to the holistic development of the Industry Medpolis was created with a vision to build a network of world-class Lifesciences clusters in India.



Create an ecosystem of innovation for new discoveries & developments

Promote collaborative research for scientific breakthroughs





Serve as entry opportunity for young startups to induct into a cluster

Serve as a natural extension to prominent hubs in the region





Attract diverse mix of operators across the Lifesciences value chain

Cater to scale-up needs of incubated start, satisfy expansion needs of fast growing companies o



Proposed Facility at

# **Research Zone**











## **Building 4554** Technical Specifications Phase 1 development of c. 105,500 sq. ft.

Offices/Labs

Offices/Labs

Offices/Labs

Offices/Labs

**Upper Stilt** 

**Lower Stilt** 

Stilts + **4Floors**  c. 26,400 sft **Floor plates** 

c. 25,000 sft **Parking area** 



High floor loading based on equipment needs

7.5 KN/ Sq. m (core area) 10 KN/ Sq. m (terrace)

Typical floor-to-floor Height

5.4 mts (lab floors) 3 mts (stilts)



**Typical Floor** Layout Not to Scale

**Built-up Area** Efficiency of +92%





#### **Enhanced Warm-shell**

Design

Build

Lease

Maintain



**Building Core and Shell** 



**High Side HVAC System** 



**Electrical System** 



FAS & Campus Surveillance



**Sewage Treatment Plant** 



**High Side Gas Distribution Space** 



Solid Waste Disposal System



**Passenger & Freight Elevators** 



Effluent pre-Treatment Plant\*



#### **Power Supply**

#### 800-1,000 KVA per building

Basis usage speculated and per capita demand specified by the National Building Code 2016



#### **Water Supply**

#### Design capacity of 25 KL per day

Basis usage speculated and per capita demand specified by the National Building Code 2016



## Power Back-up 100% back-up



#### **High side HVAC**

#### 400 TR per building

1 No. Chiller of capacity 400 TR + Standby Basis usage speculated



#### **Sewage Treatment Plant**

Basis usage speculated and per capita waste generation specified by the National Building Code 2016



#### Effluent Treatment Plant\*

Basis usage speculated and anticipated BOD & COD levels in the case of R&D operations



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