

INNOWELL ENGINEERING INTERNATIONAL PVT LTD

○ BENGALURU ○ CHENNAI ○ HYDERABAD ○ SIVAKASI ○ TIRUPUR ○ DHAKA



INNOWELL

An ISO 9001: 2015, 14001:2015, 27001:2022, and 50001:2018 Certified Company

Industrial/ Cleanroom Projects Capability

Inspired by Commitment. Powered by Passion.

OUR VISION

Innowell aspires to be a global leader for innovative solutions to its customers through passionate professionals

Core Values:

Integrity | Customer Excellence | People |
Learning | Innovative

MISSION



Develop

Nurture young talents



Empower

Empower talents with innovative process and standards



Care

Provide Challenging and joyful working Environment



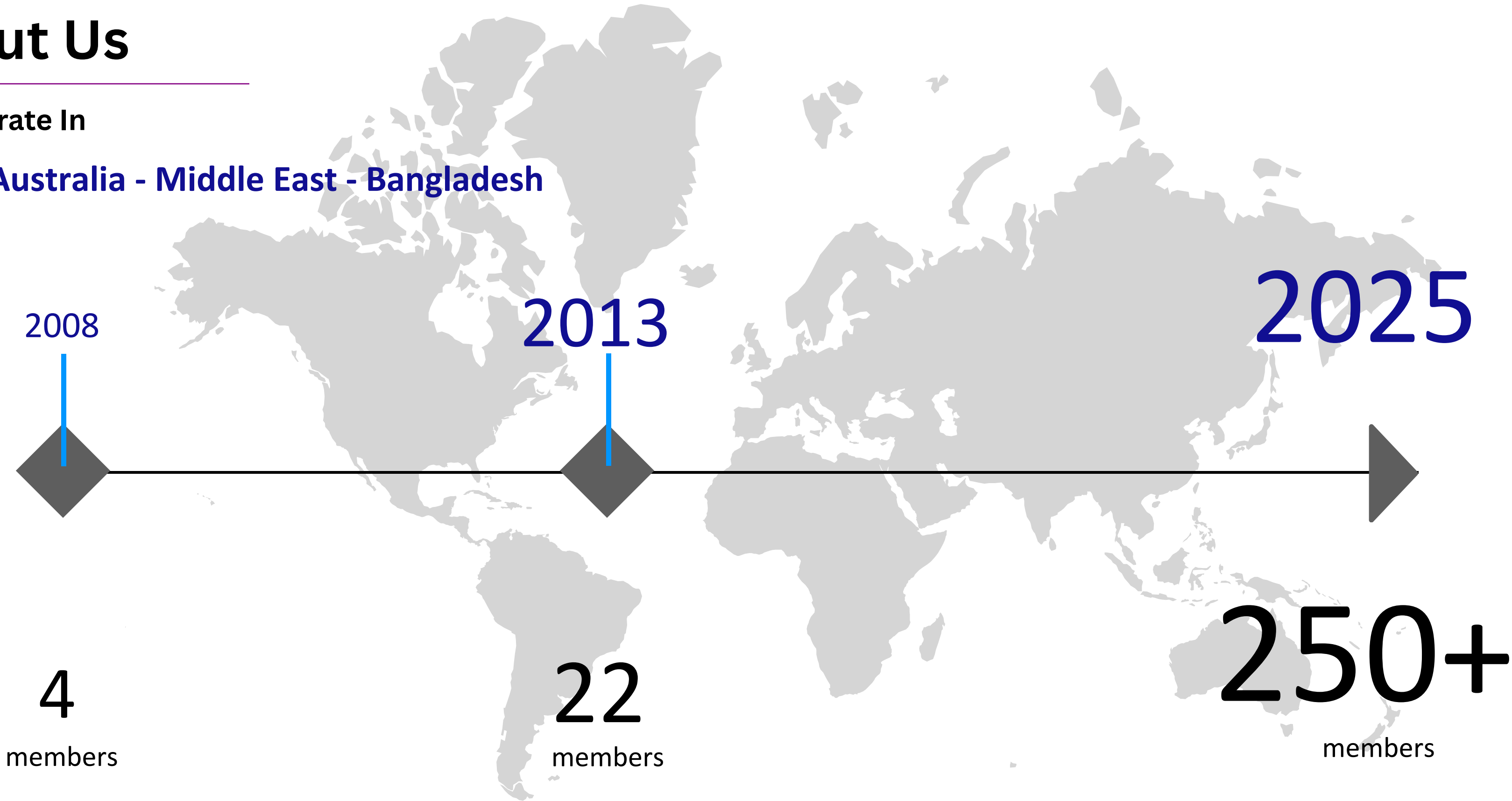
Serve

Continuously explore client's needs and serve better

About Us

We Operate In

India - Australia - Middle East - Bangladesh



Leading the Way in Sustainable Practices

We live by the same standards we help our clients achieve.



EcoVadis Rating

Achieving a **Bronze rating** from EcoVadis places us in the top 35% of companies assessed for our environmental, labor & human rights, ethics, and



LEED Proven Provider

Our designation as a LEED Proven Provider from GBCI highlights our expertise and track record in successfully guiding projects through the rigorous LEED green building certification process.



USGBC Membership

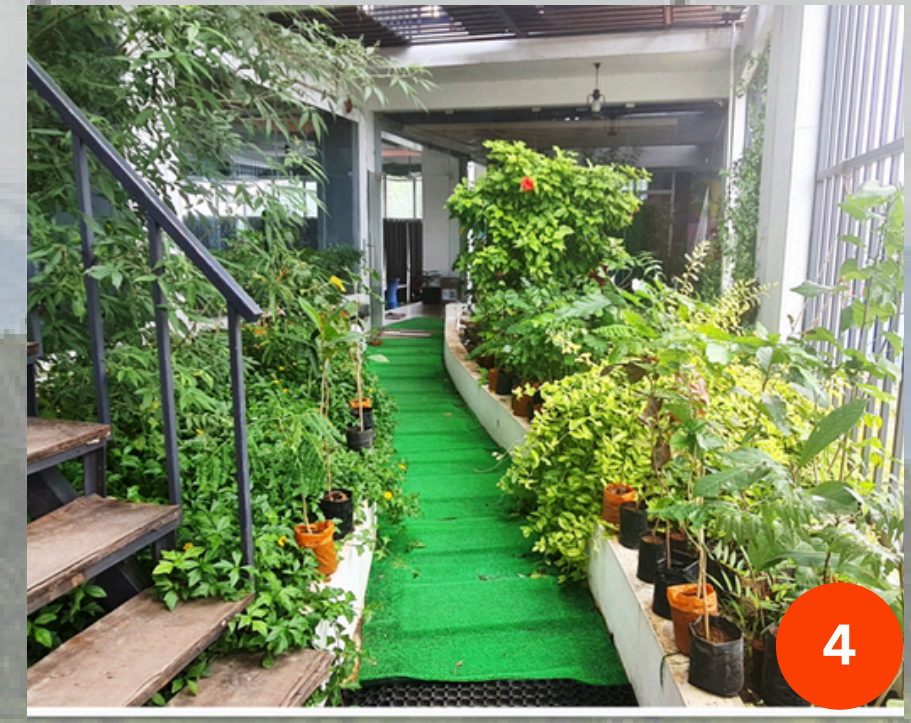
As a proud member of the U.S. Green Building Council, we actively support the development of sustainable, healthy, and high-performing green buildings and communities.



Our Village office

in Maraneri, Sivakasi, Tamilnadu, India

- 300% Efficient HVAC
- 200% Solar-Powered
- 100% Day-lighted
- 100% Views
- 55% Water Reuse
- 30% Roof Garden
- 39% Material Reuse



1. Solar Panel

2. Reused materials, proper lighting, ergonomic workstation.

3. Daylight design, hydration plants, aesthetic wall arts

4. Nature incorporated roof garden



INNOWELL

Certified on



**Achieved certification under the ISO 9001:2015, 14001:2015,
27001:2022, 45001:2018, 50001:2018 standard for
Integrated Quality Management**

THE WORLD'S HIGHEST LEED CERTIFIED

under v4.1 EB O&M Category



What we do



MEP

- HVAC
- Electrical
- Plumbing & Utility Design
- Fire Protection System
- IoT
- ELV



BIM

- BIM – MEP & Industrial Piping
- BIM – C&ID
- BIM – Consultancy
- BIM – Scan



Sustainability

- LEED
- IGBC
- GRIHA
- WELL
- WELL PV
- Carbon Reduction Programme

How we do

Design & Analysis Tools

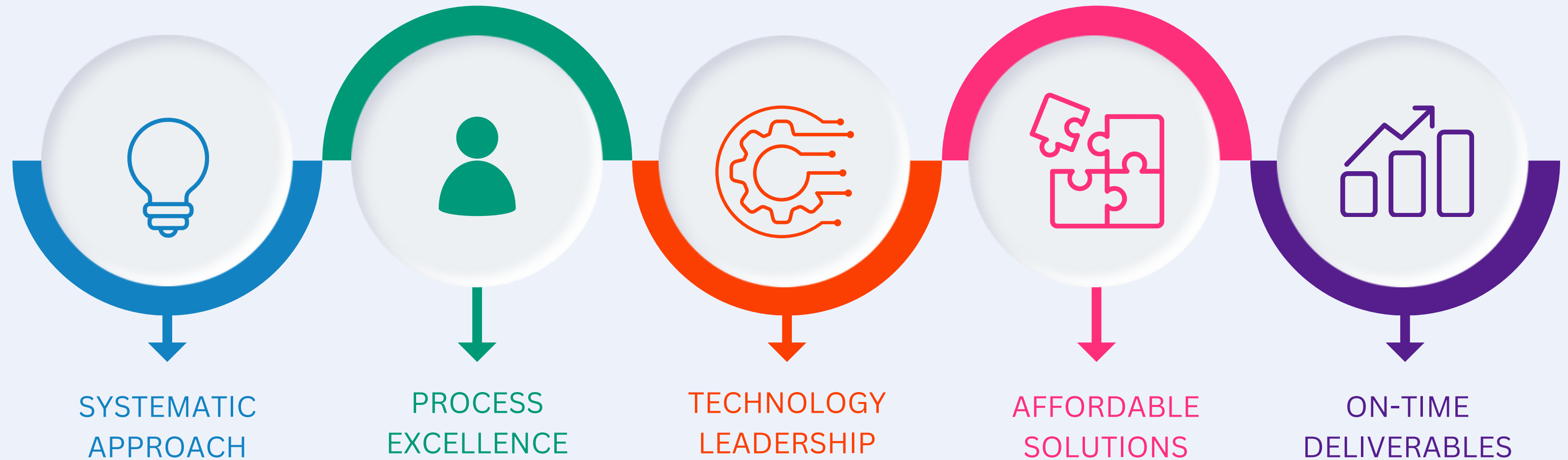
	Energy Simulation & System Selection		Day Light Analysis
	Modelling, Clash detection & Quantification		Drafting
	Energy Simulation & CFD Analysis		Real-time Rendering & Virtual Reality
	Engineering Calculations & Equipment selection (In-house development)		Lighting Design
	Technical Due Diligence & Quality Assurance (In-house development)		LEED feasibility analysis, Recommendations, BOQ
	Fire Fighting Hydraulic calculations		WELL feasibility analysis, Recommendations, BOQ

How we do

Collaboration & Documentation Management Platform	Internal Operations
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	Collaboration, Design Review & Construction Documentation		Project Scheduling, Collaboration, Internal Operations for Billing
			Innowell Performance Management System
			Online Learning Management System
	BIM Collaboration, Clash detection, Design Review		Task Planning, Cloud storage, Documentation and Communication
			Customer Relationship Management
			Data Analytics

Why Innowell



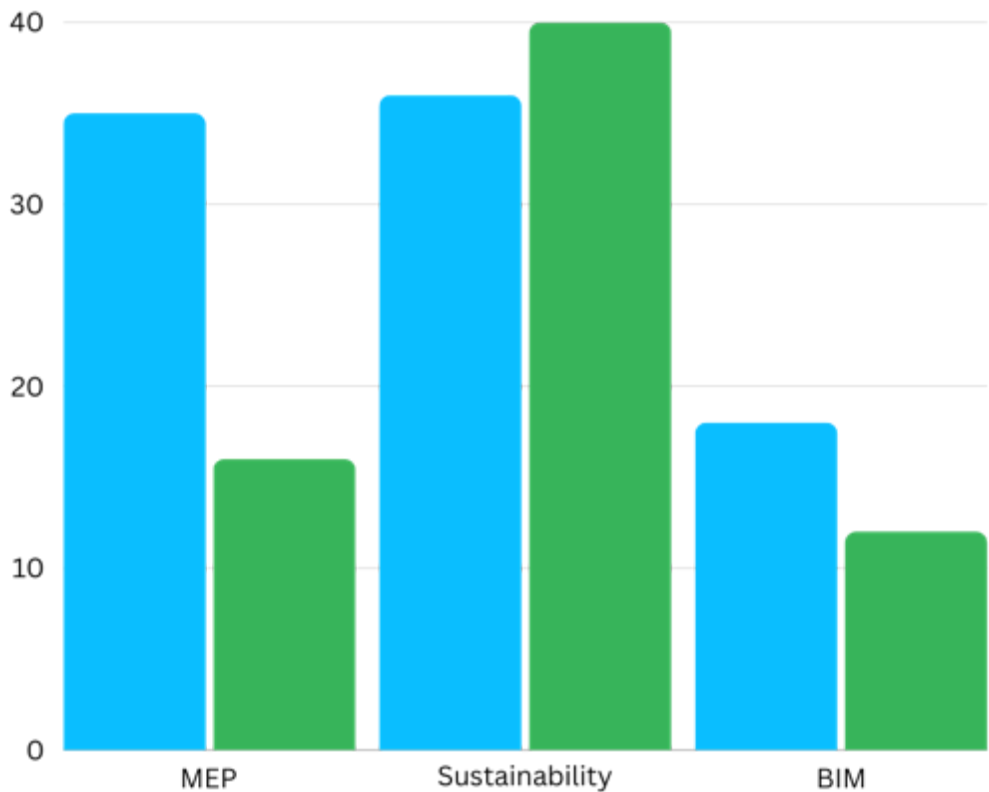
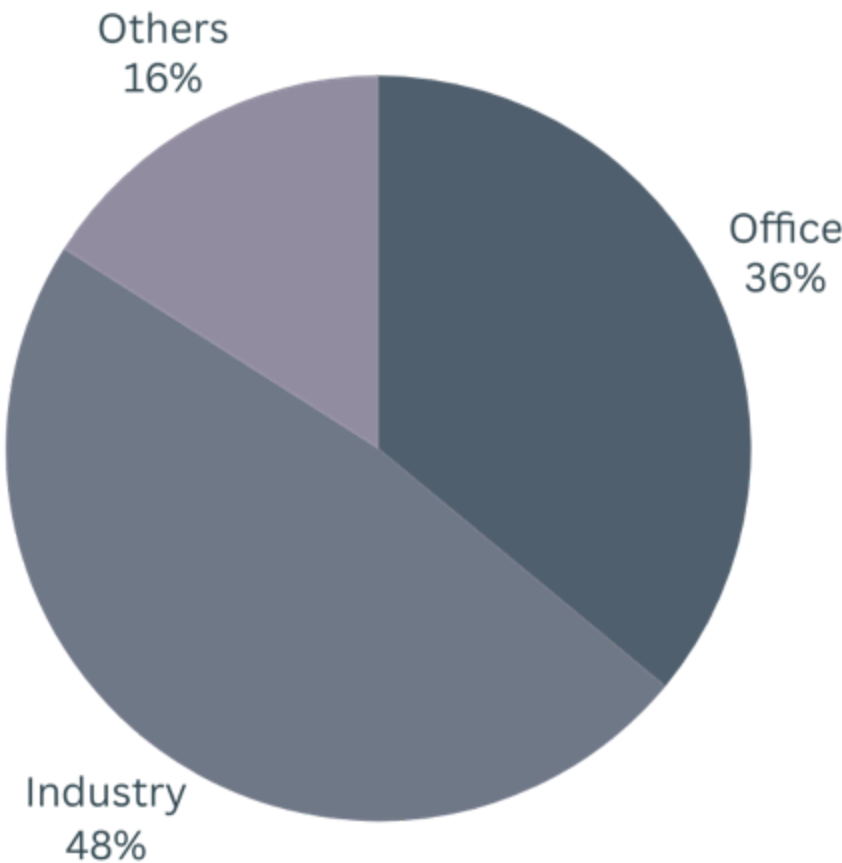
Project Accomplishment

Project Size in Mn SFT



Our Market Segments

- Commercial Buildings
- Office Fit-outs
- Data centres and Labs
- Hospitals
- Industries
 - Electronic Industries
 - Tyre Factories
 - Bottling Factories
 - Chocolate Factories
 - Textile and Garment Factories
- Clean room Applications



Completed



On-going

Leadership Profile



Gunasekaran

Director

LEED AP, WELL AP, WELL PTA



Sengathir Selvan

Director

Certified Data Centre Specialist
Certified Cleanroom professional



Sankareswari

Director



Leninkumar J

Associate Director



Regobert

Associate Director

IGBC AP



Pandidurai

Manager,
BIM

IGBC AP



Thalaiselvam

Senior Manager,
Corporate Sustainability

LEED AP, WELL AP,
IGBC AP, EDGE Expert,
TRUE Advisor,
GRIHA CP, LCA Specialist



Kalliani K

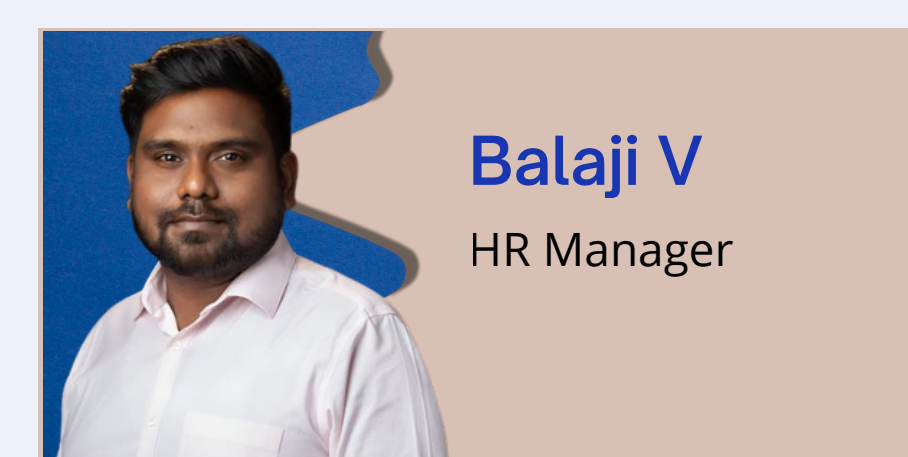
Principal Engineer -
Electrical

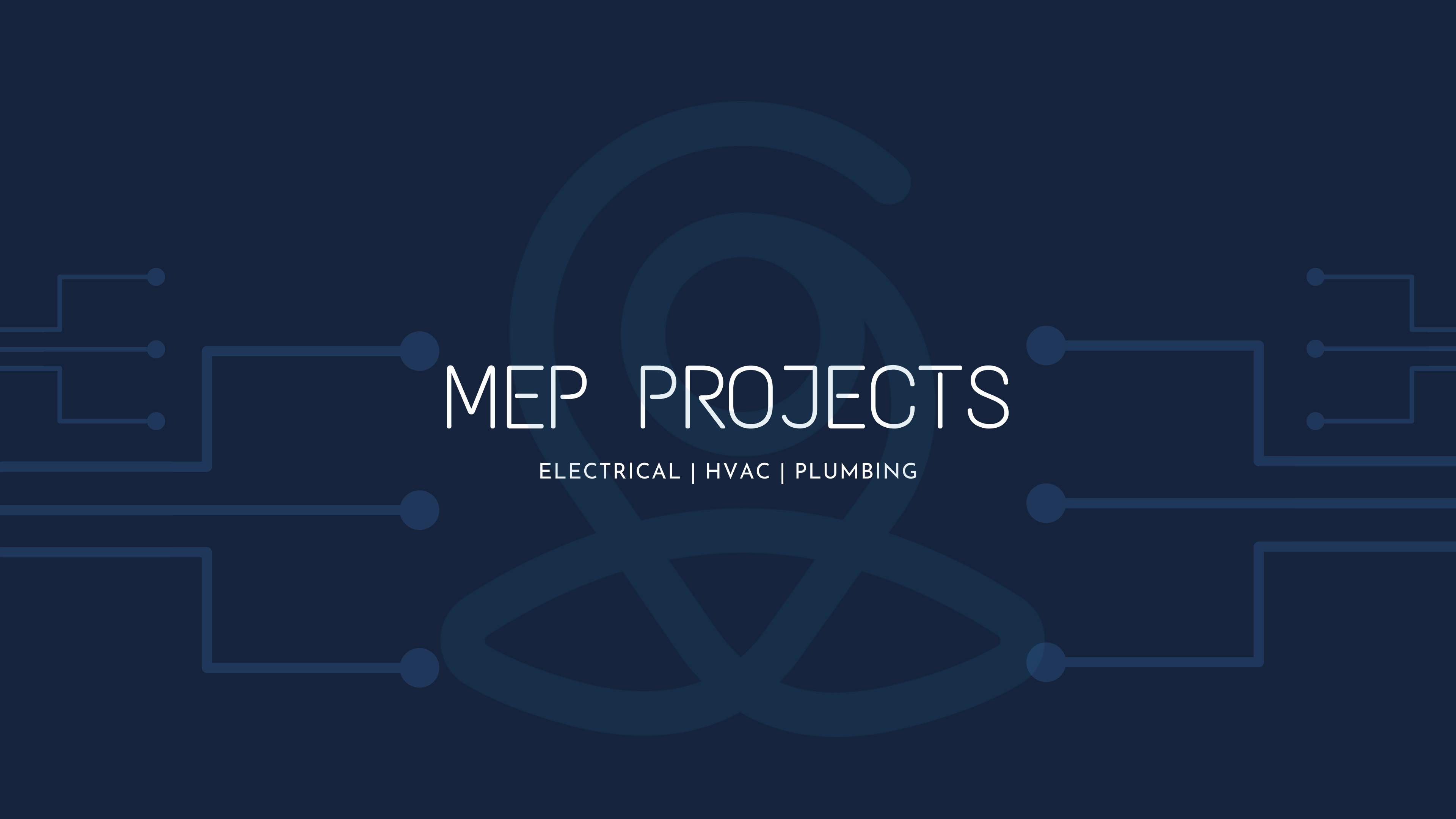


Subramaniam V

Senior Manager – Projects

Rising Leaders





MEP PROJECTS

ELECTRICAL | HVAC | PLUMBING

APOLLO TYRES LTD

Chennai, Tamilnadu,
India

Project Size: 2.2 million sq ft

- Executed in 4 phases
- R&D labs
- 6000 TR Cooling Capacity
- Ventilation System : Centrifugal Chillers from 2000 to 200000 CMH, Axial fans.
- BMS
- Dehumidification (30%) : Creel Room area
- Excellent Customer Services for 10 years



ESR GMR LOGISTIC PARK

Hyderabad, Telangana
India

Nature of Building: Warehouse



Scope of Work:

- Designed as per guidelines from Amazon & Relinace
- Campus level MEPF system design.
- Five potential design options in each services with cost & energy efficiency.
- 30% cost efficient in FPS design with 100% compliance of FM Global guidelines.
- 20x faster design completion with 95% Quality control through AI Expert.
- Reduces Project Turnaround time with BIM.

Project Size

1.4 Mn Sq ft

LULU HYPERMARKET

Sharjah,

United Arab Emirates

Project Size: 1.8 Million sq ft

Nature of Building: Shopping Mall

- Detailed MEP 2D and 3D design.
- Building Management System
- Large basement car parking system
- 22% Energy savings



COGNIZANT (Ozone)

Chennai, Tamilnadu,
India

Project Size: 5,00,000 sq ft

Nature of Building: IT Office



- MEP Design
- Faster design delivery – 3 weeks
- 20% Energy savings with BMS
- Critical MEP infrastructure for Data Centre & Hub rooms



Electronic / Defense Factories

Projects	Type	Scope	Location	Area (Sq.ft)
Salcomp	Mobile phone accessories	MEP Design, BIM, Cleanroom Design	Chennai	7,00,000
Tata Advanced Systems Ltd	Defence	MEP Design, Cleanroom design	Bengaluru	2,00,000
Marian	Defence	Architecture, Structural Design, MEP Design, Cleanroom design	Bengaluru	1,25,000
Visteon	Car AV Components Assembly	MEP Design, Cleanroom design	Chennai	7,000
Dell Factory	Laptop assembly	MEP Design, Architectural Design	Chennai	2,50,000
Nokia Solutions & Network	Telecom equipment assembly	MEP Design	Chennai	1,20,000
Samsung	Mobile Phone assembly	HVAC & BMS Design	Noida	4,00,000
Parker Hannifen	VFD components assembly	MEP Design	Chennai	2,00,000
Aptiv	Car AV components assembly	MEP Design, Cleanroom Design	Chennai	80,000

Partial List of Industrial Projects

Projects	Type	Scope	Location	Area (Sq.ft)
CEAT Tyres	Tyre Manufacturing	MEP, CFD, BIM	Chennai / Nagpur / Halol	4,00,000
Morde	Food Industry	HVAC, BMS, Fire, Utilities Design	Pune	5,00,000
Michelin Tyres	Tyre Manufacturing	Energy Audit and Upgradation	Chennai	8,00,000
ECR	Warehouse	MEP Design	Cuttack	2,00,000
RMZ	Warehouse	MEP Design	Bengaluru	9,00,000
KIMS	Hospital	HVAC Design	Bengaluru	3,00,000
Allision Transmission	Automative Gearbox Manufacturing	Mechanical & ELV Design	Chennai	1,50,000
Safaran	Defence	MEP Design Review	Hyderabad	95,000

Cleanroom Projects

Client Name	Location	Area of Class 1000 - Sq.mt	Area of Class 10000 - Sq.mt	Area of Class 100000 - Sq.mt
Tata Power renewable Energy Limited (Design-Built Bidding) HVAC & FPS	Tirunelveli	50000	3000	12000
Orchid Chemicals & Pharmaceuticals Ltd-R&D Centre	Chennai	2000	3500	8500
Actavis Pharma development centre	Chennai		2000	6000
Valspar coating corporation pvt ltd	Bengaluru			2000
Dr. Reddys Laboratories	AP	1000		20000
Biosystems Diagnostics Pvt Ltd	Chennai		700	2100
National Dairy Development board-Semen lab	Chennai	1100		800
Global Calcium pharma Ltd	Chennai			6000
BBraun micro biology lab	Chennai	600		
Salcomp Manufacturing	Chennai	3000	1000	300
Incepta Pharma	Dhaka	8000	3000	20000
KMCH Hospital	Coimbatore			400
DXN Pharma	Chennai	100		15000
APTIV	Chennai			4000
Tata Advanced Systems Ltd	Bengaluru			2000



Apollo Tyres Global R&D, Chennai
(MEP and IGBC)



Salcomp, Chennai
(7,00,000 Sq.ft, MEP + BIM, Cleanrooms)



Zoho Tenkasi
(2.0 lacs sq.ft.)



HPE, Chennai
(1.8 Lacs sq.ft, MEP + BIM)



TPI Composites, Chennai
(5,00,000 sqft, HVAC + BMS)



Mondelez International, Sricity, Tada,
(60,000 sq.ft, MEP + BIM)



STTG Data Centre, Chennai & Pune



Dell Campus, Hyderabad
(5.0 Lacs sq.ft, MEP + IGBC + WELL)



Ralson Tyres, Indore
(8,00,000 sq.ft, HVAC, BMS, Fire)



ESR Warehouses (for Amazon & Reliance)
(1.4 mil sq.ft, MEP + BIM)



DELL Crystal Down, Bengaluru
(2.5 lacs sq.ft, MEP + BIM + IGBC)



Sunriver, EGL Bengaluru
(3,0 lacs sq.ft MEP Refurbishment)

A photograph of modern skyscrapers at dusk, with a semi-transparent dark blue overlay in the center. The buildings have glass facades reflecting the ambient light. The sky is a deep blue, and the foreground shows a reflection of the buildings in water.

Building Information Modelling



BIM Services

BIM TRANSFORMATION / CONSULTANCY

ARCHITECTURE MODELLING, DRAFTING & DETAILING LOD 100-400

STRUCTURE MODELLING, DRAFTING & DETAILING LOD 100-400

INTERIOR DESIGN SERVICE MODELLING, DRAFTING & DETAILING LOD 100-400

MODEL BASED QUANTITY / MATERIAL TAKE-OFF

CAD / PDF TO BIM CONVERSION

SCAN TO BIM (POINT CLOUD MODELLING SERVICES)

ARCHITECTURE - AS-BUILD AS PER SITE UPDATE

BIM CONTENT (REVIT FAMILY) CREATION

CONCEPT MODELLING + WALK THROUGH VIDEO CREATION

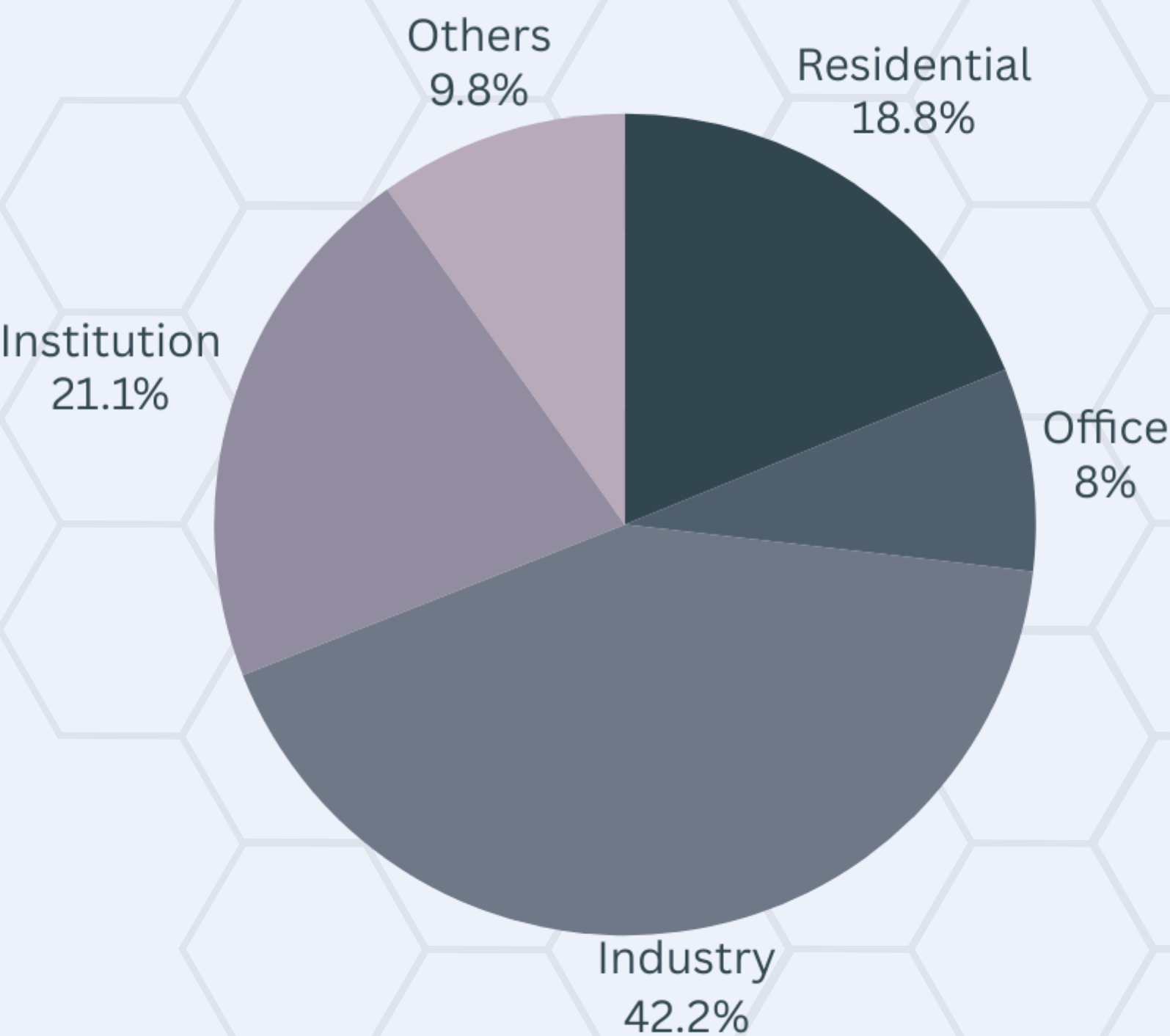
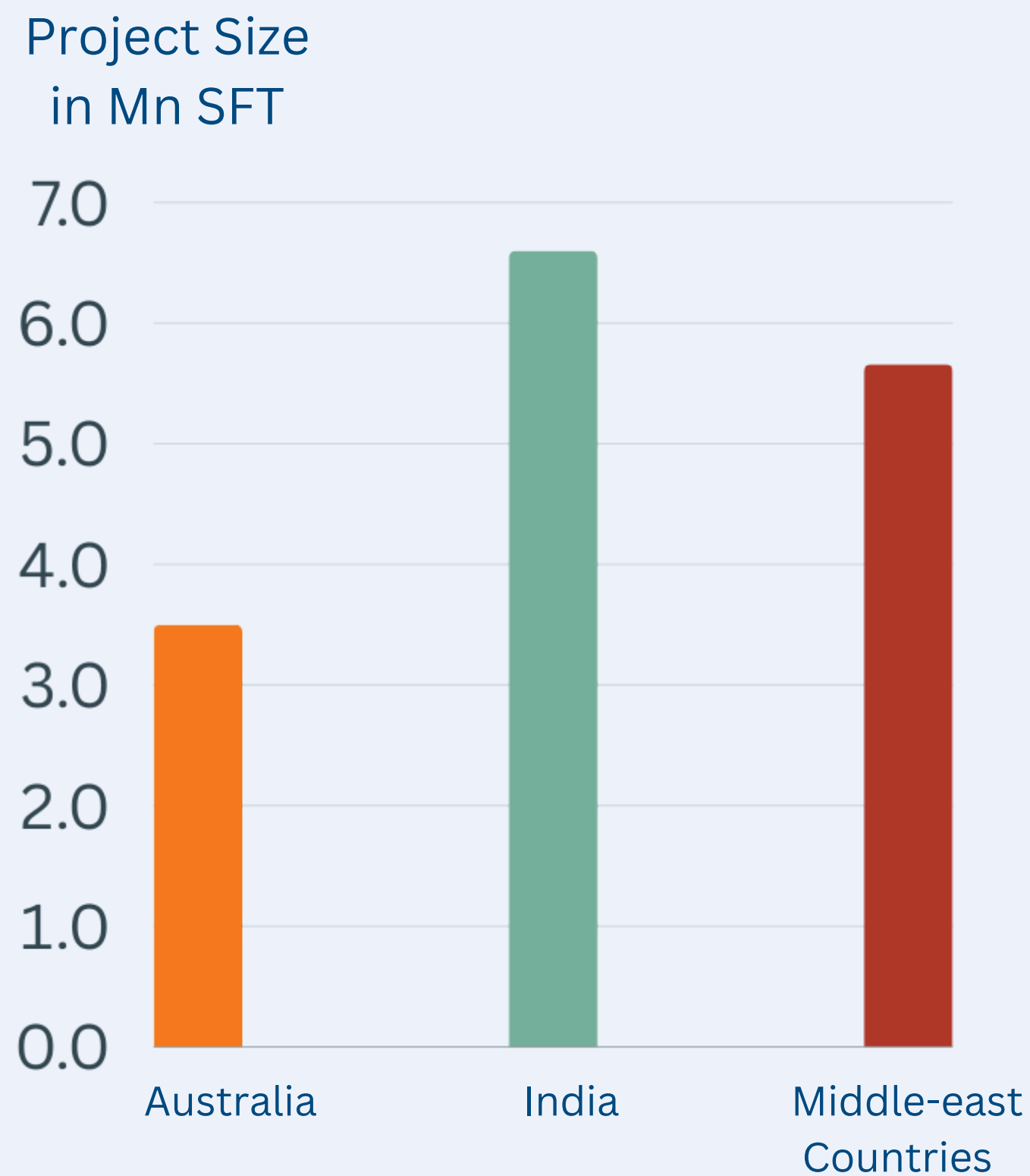
INTERIOR / EXTERIOR MODELLING & RENDERING

VR (VIRTUAL REALITY) EMBEDDED BIM MODEL VISUALIZATION

ON-SITE / OFFSITE BIM STAFFING SERVICE

BIM TRAINING

Project Accomplishment



Apollo Tyres

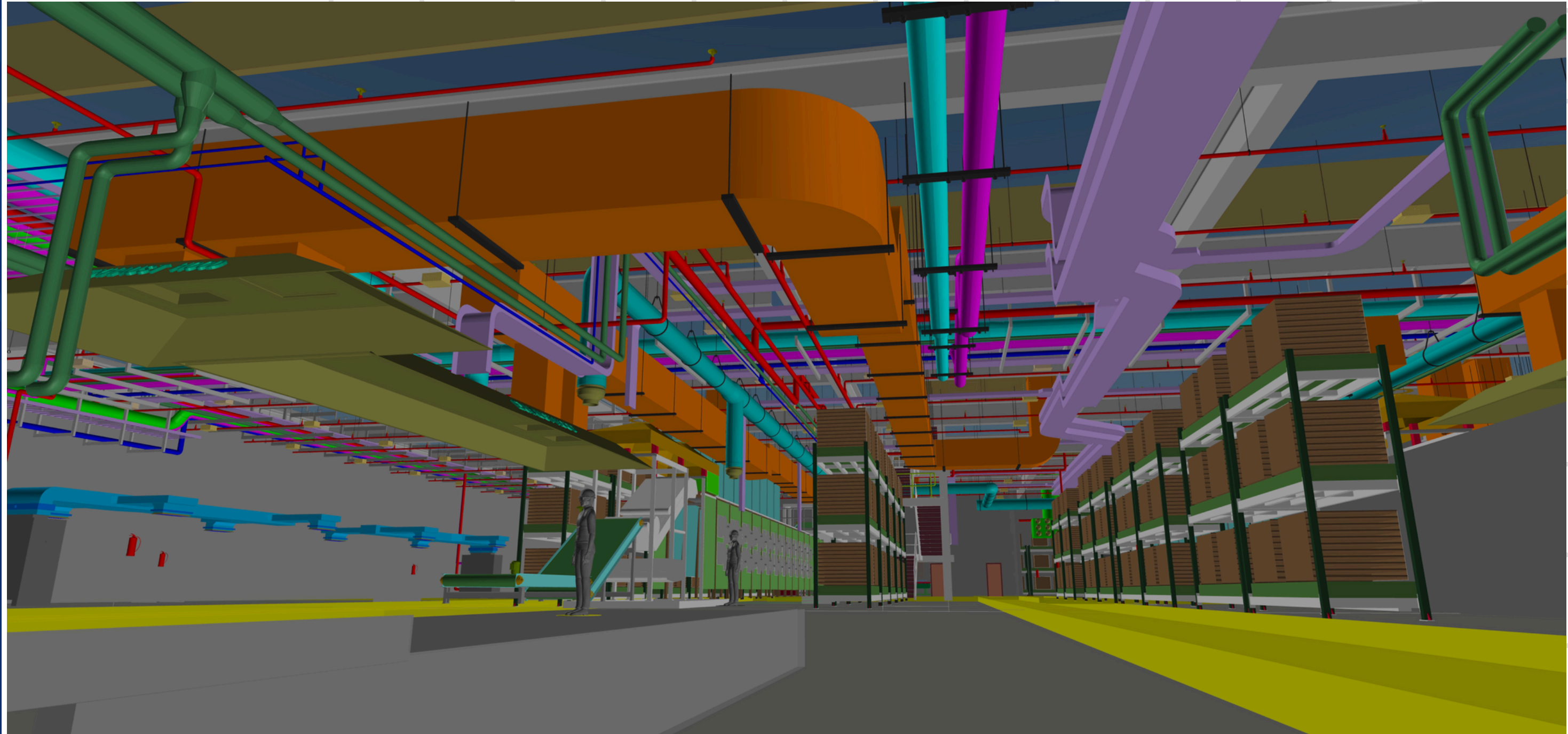
Chennai

Size: 600,000 SFT

Project Type:
Tyre Mfg.

Scope of work:

MEP Model Coordination &
Quantification



DXN Pharma

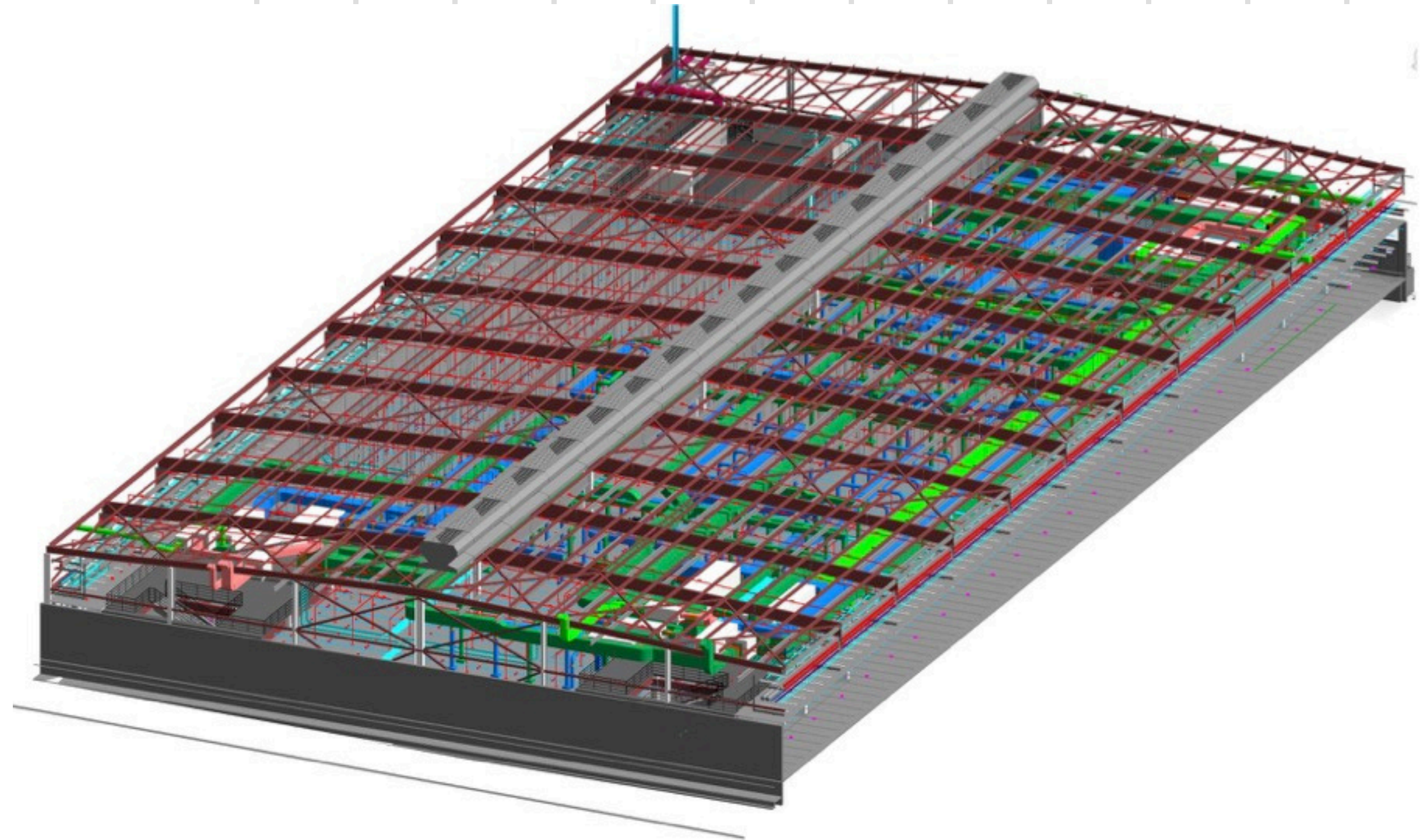
Siddipet

Size: 200,000 SFT

Project Type:
Pharma / Mfg.

Scope of work:

MEP Model Coordination &
Quantification



DXN Pharma

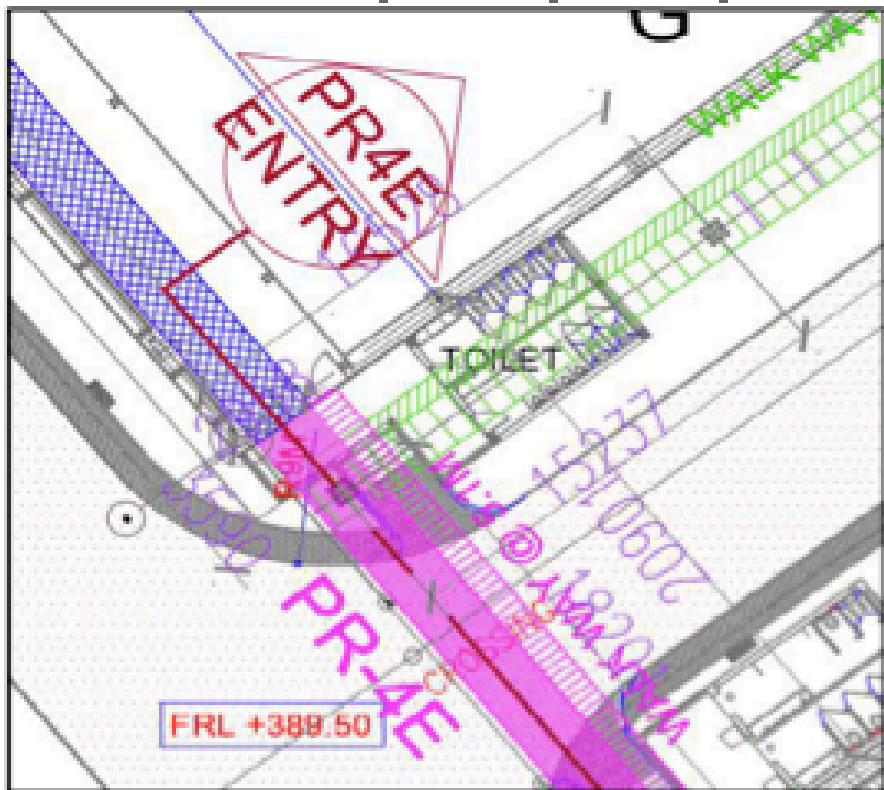
Siddipet

Size: 200,000 SFT

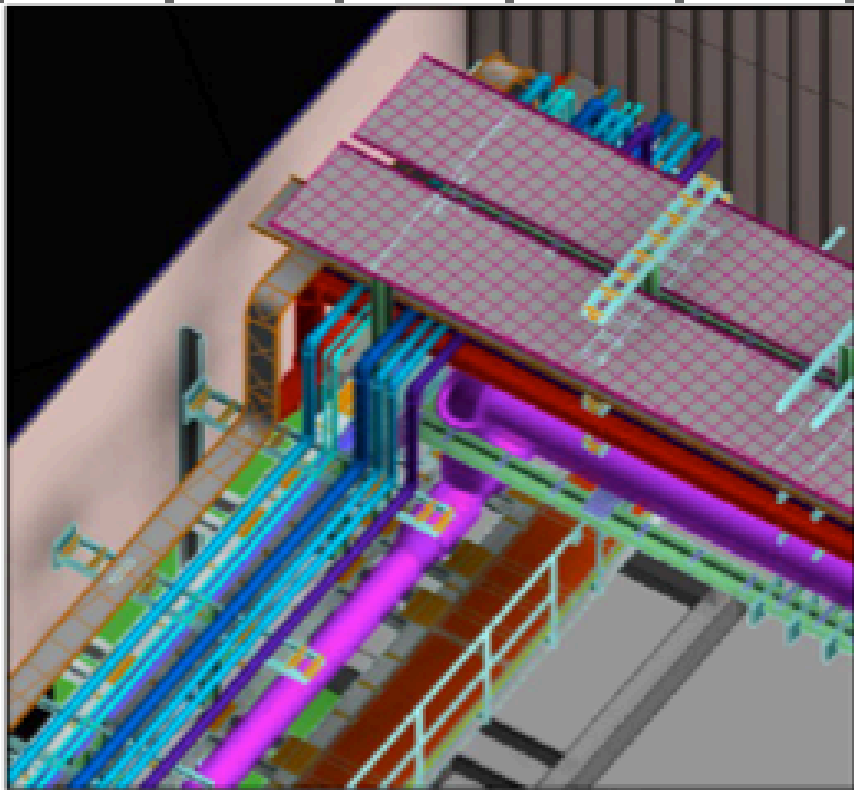
Project Type:
Pharma / Mfg

Scope of work:

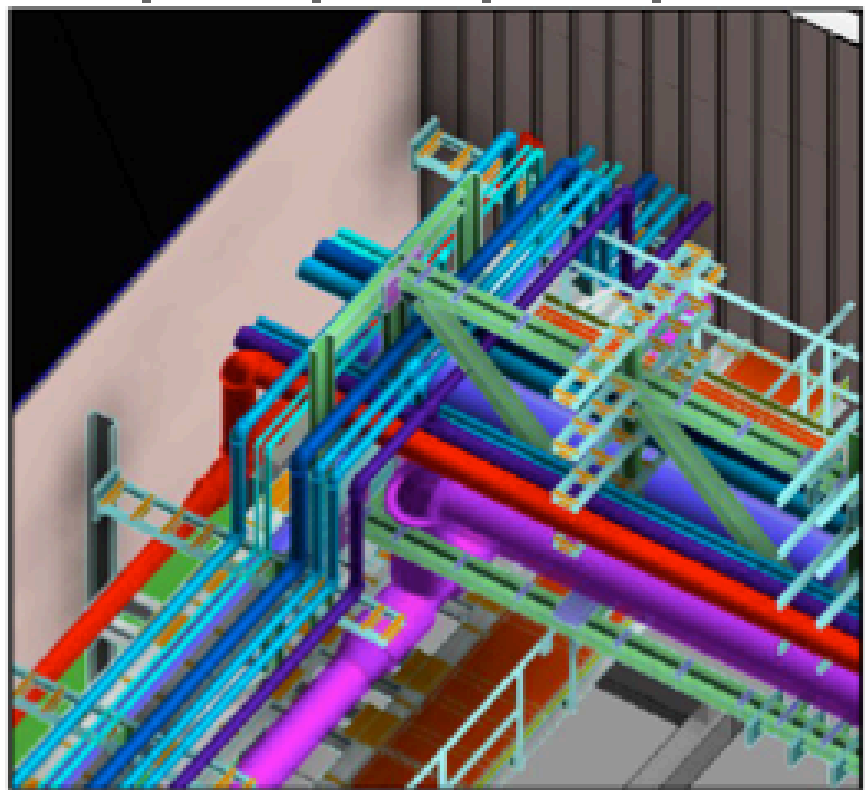
MEP Model Coordination &
Quantification



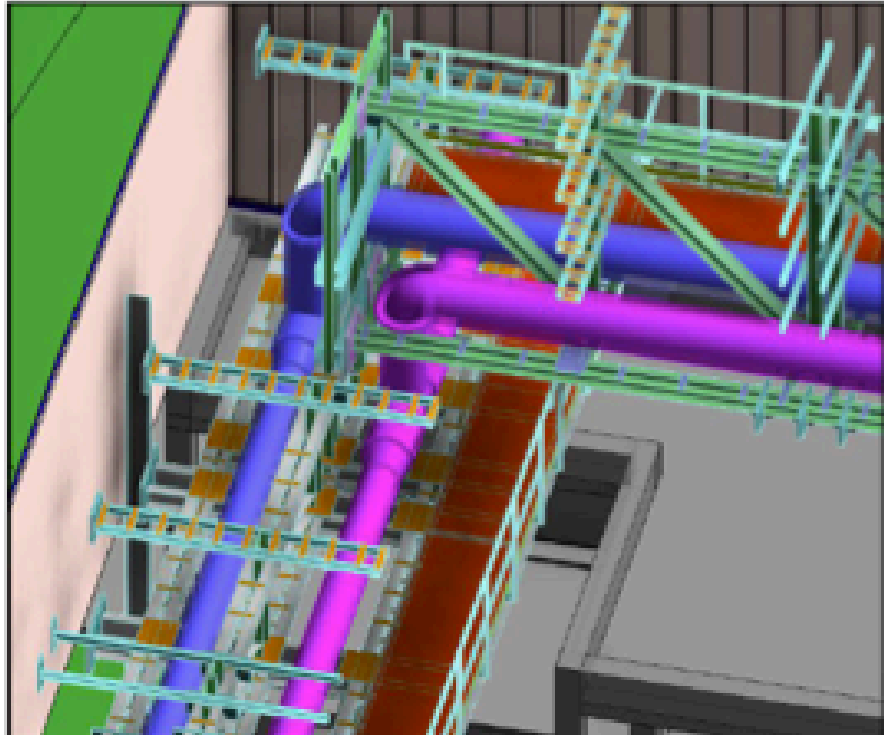
PLAN REFERENCE



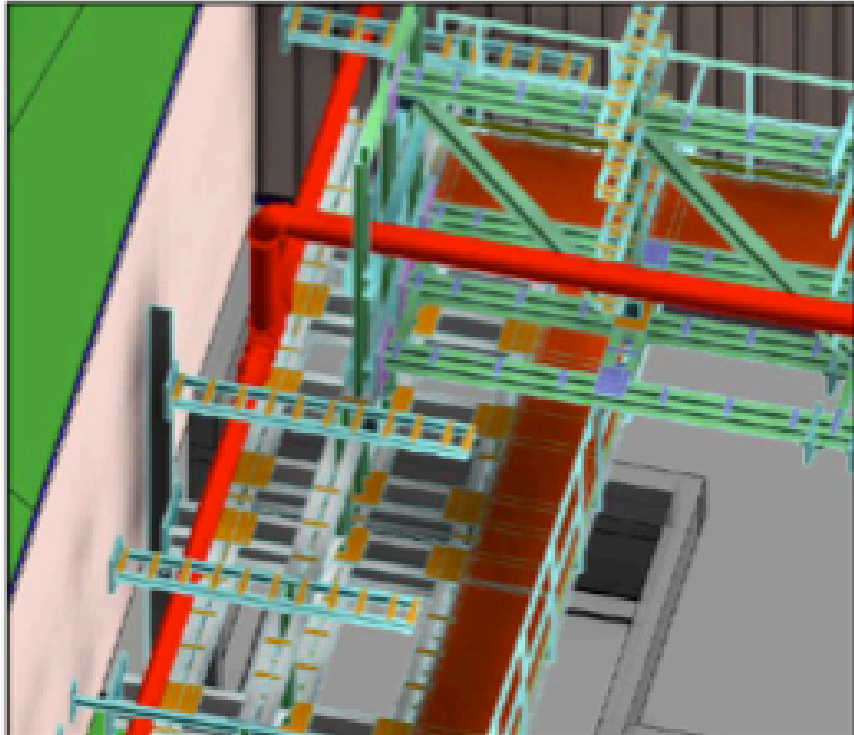
OVERALL RACK ARRANGEMENT



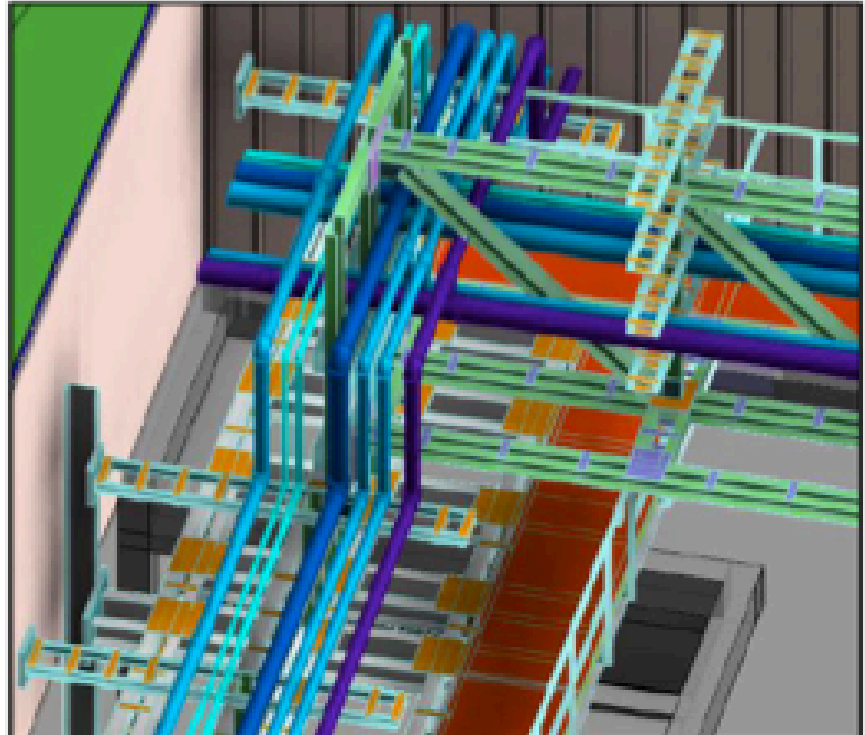
OVERALL MECH ARRANGEMENT



@ 1ST ROW CHILLER PIPE



@ 2ND ROW FF PIPE



@ 2ND ROW PROCESS PIPE

BAETTR

Engineering the Foundation
for Future Generations

BAETTR
India Pvt Ltd

Chennai, India

Size: 700,000 SFT

Project Type:
Industry

Scope of work:

PEB Modelling + Civil Drawing
Extraction



UHD Rendered Images

BAETTR
India Pvt Ltd

Chennai, India

Size: 700,000 SFT

Project Type:
Industry

Scope of work:

PEB Modelling + Civil Drawing
Extraction



UHD Rendered Images

BAETTR

Engineering the Foundation
for Future Generations

BAETTR
India Pvt Ltd

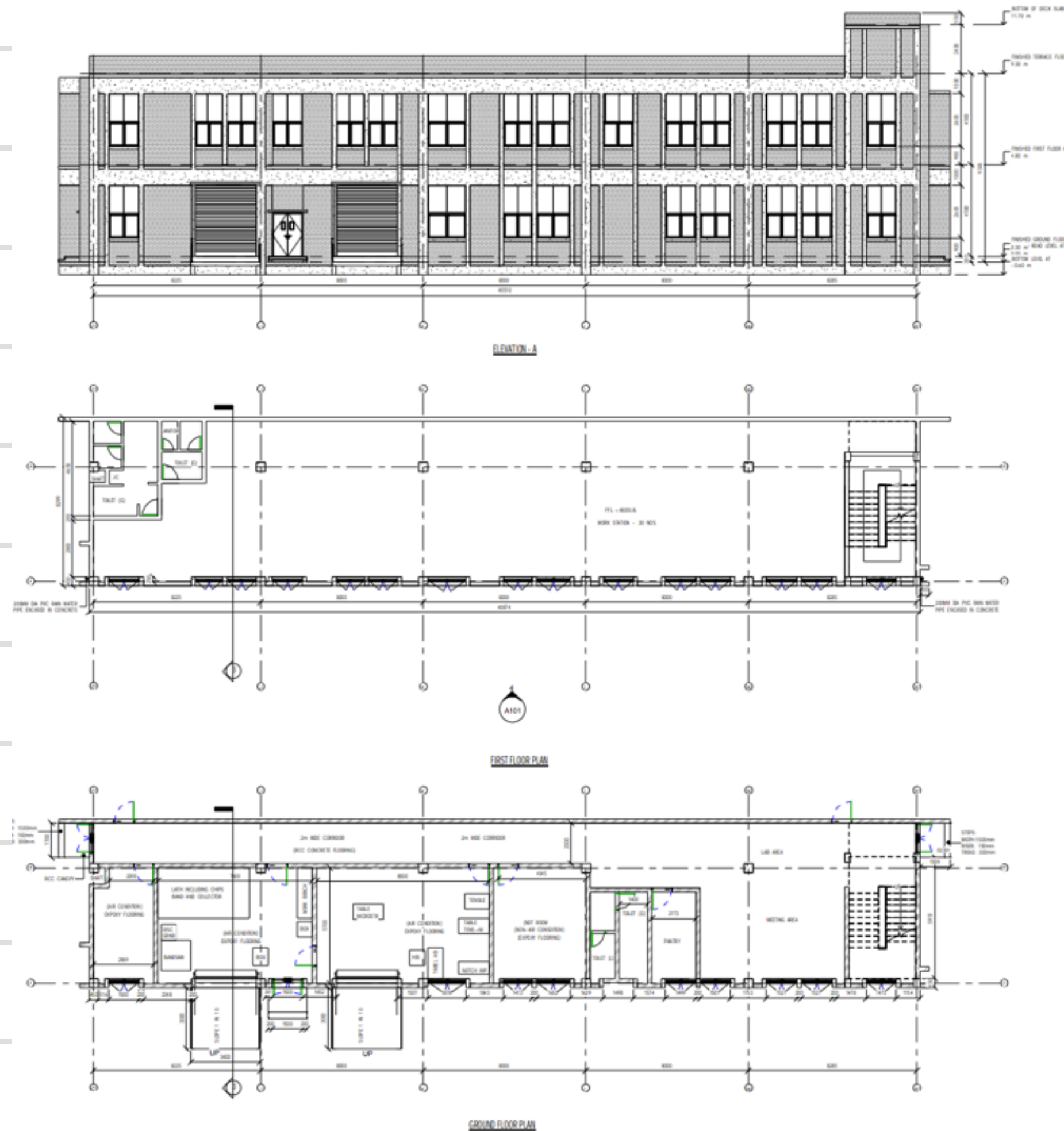
Chennai, India

Size: 700,000 SFT

Project Type:
Industry

Scope of work:

PEB Modelling + Civil Drawing
Extraction



Civil Drawing Extraction

Salcomp

Salcomp -
Mobile Assembly /
Manufacturing Plan

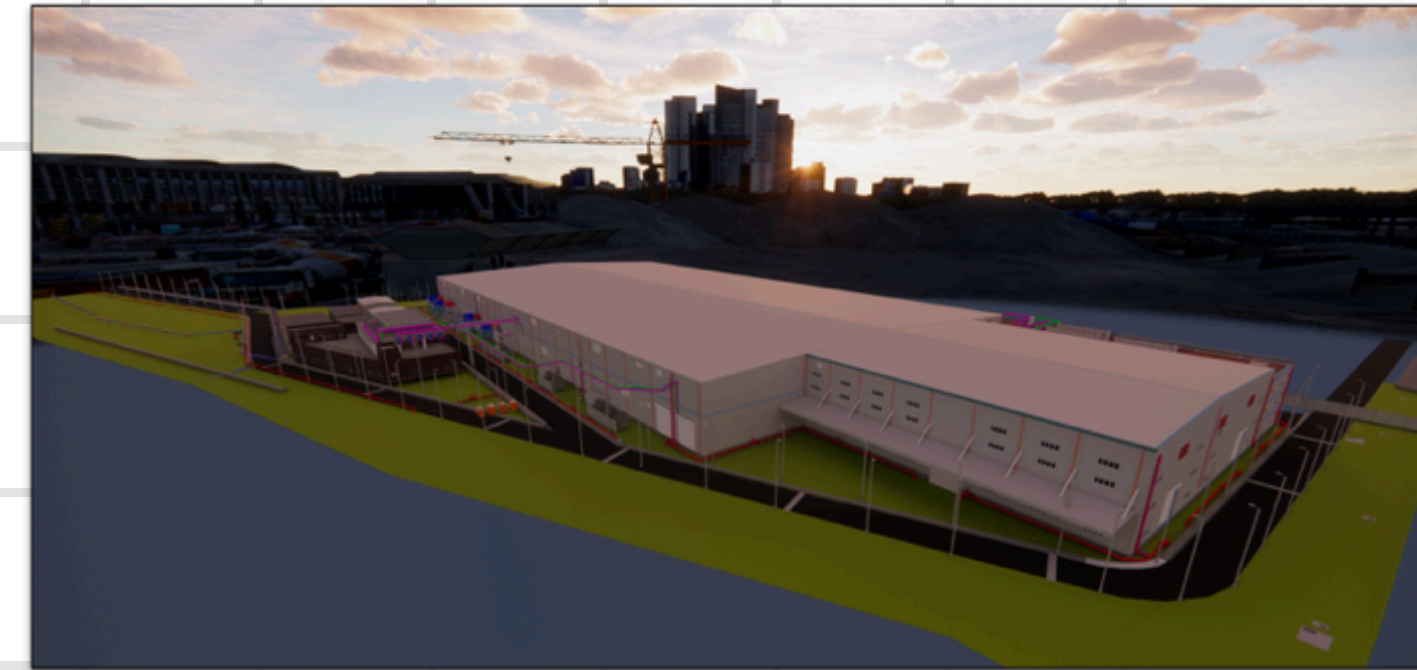
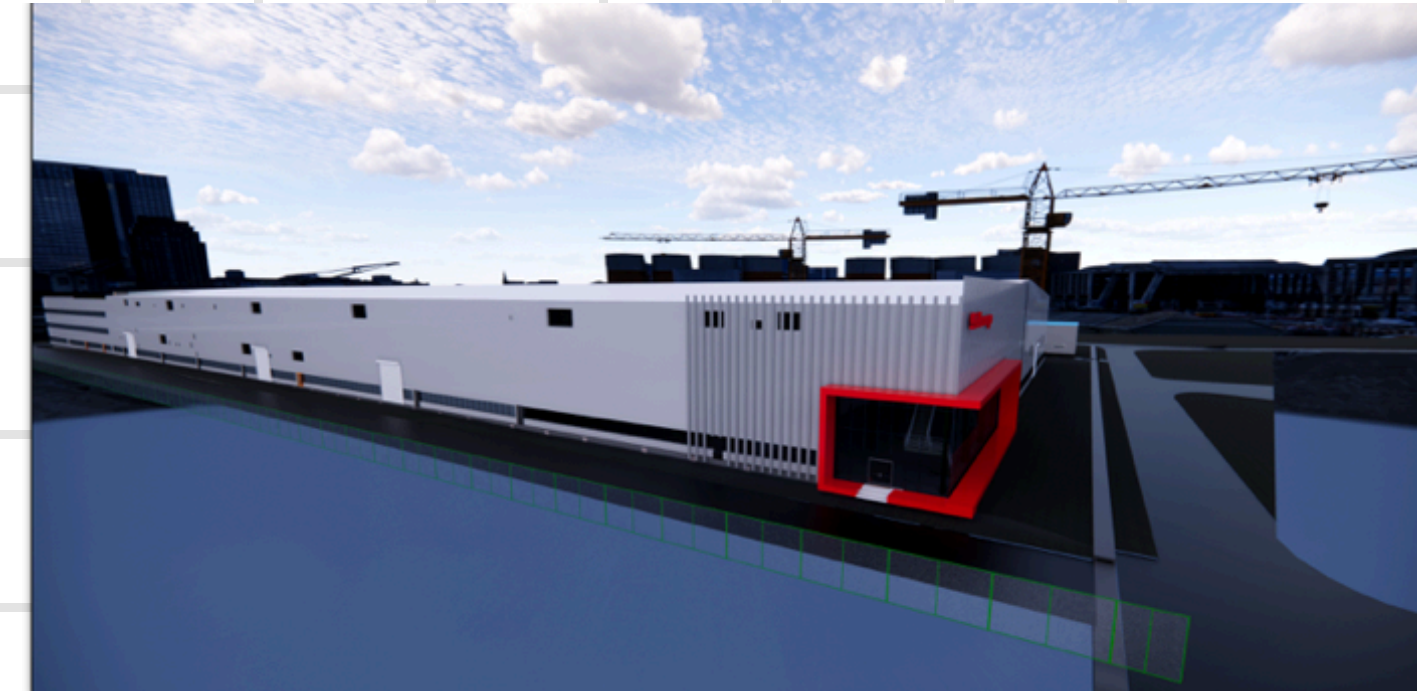
Chennai, India

Size: 700,000 SFT

Project Type:
Industry

Scope of work:

PEB Modelling + Civil Drawing
Extraction + MEP Modelling



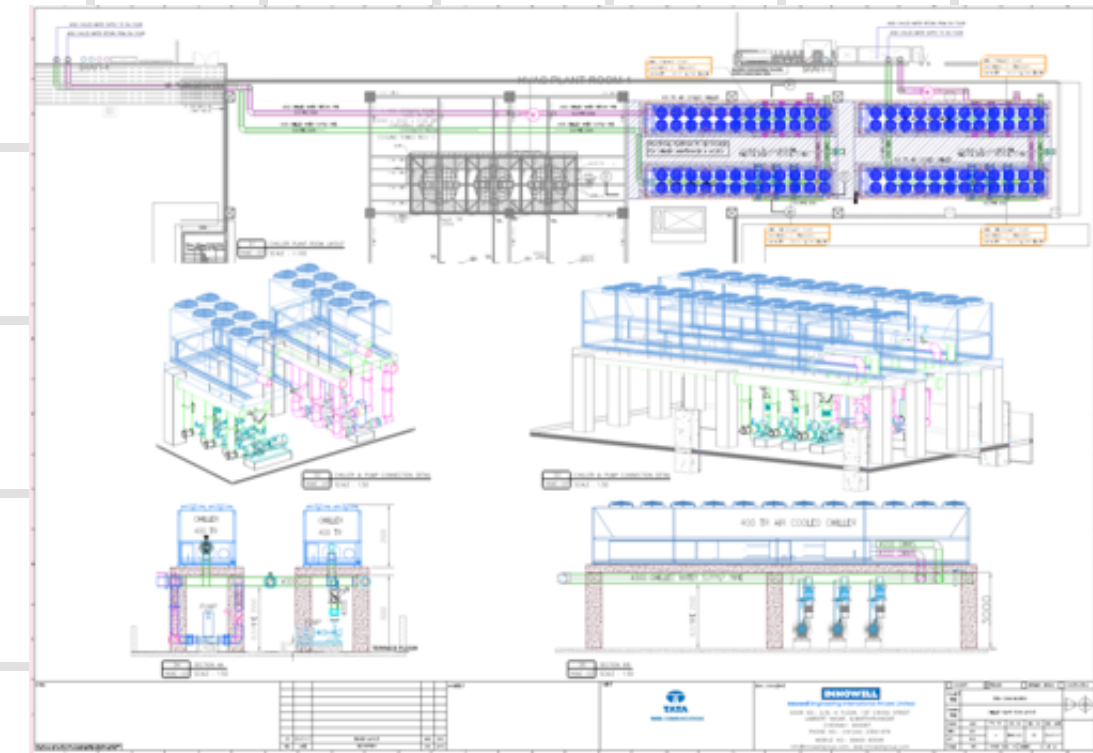
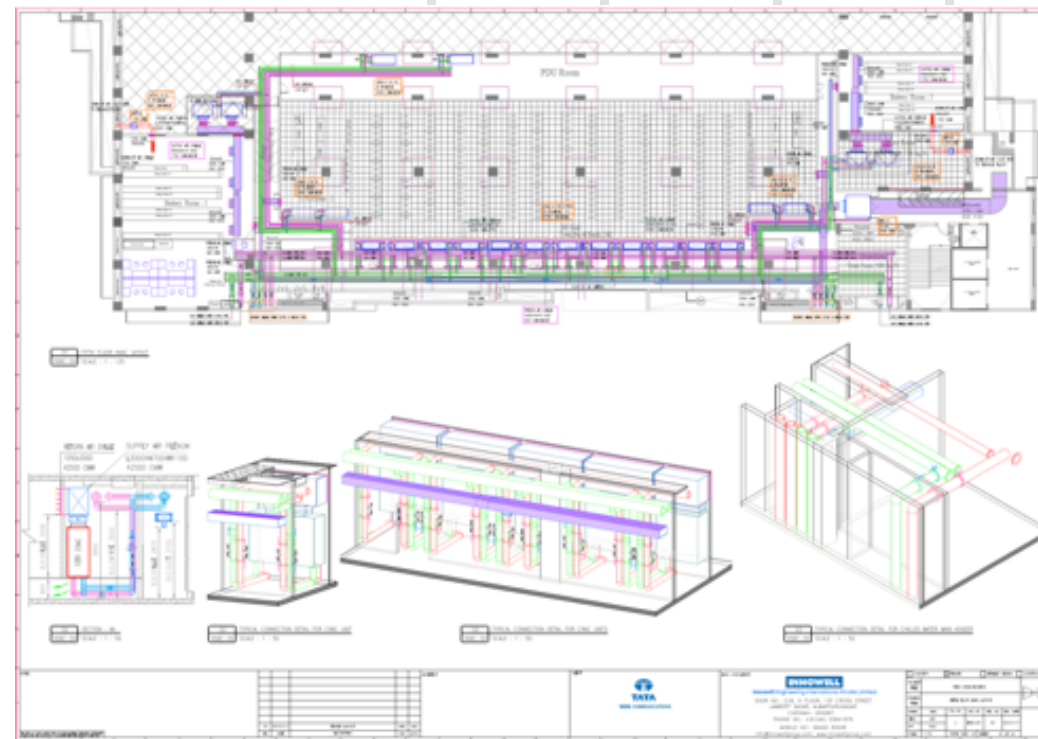
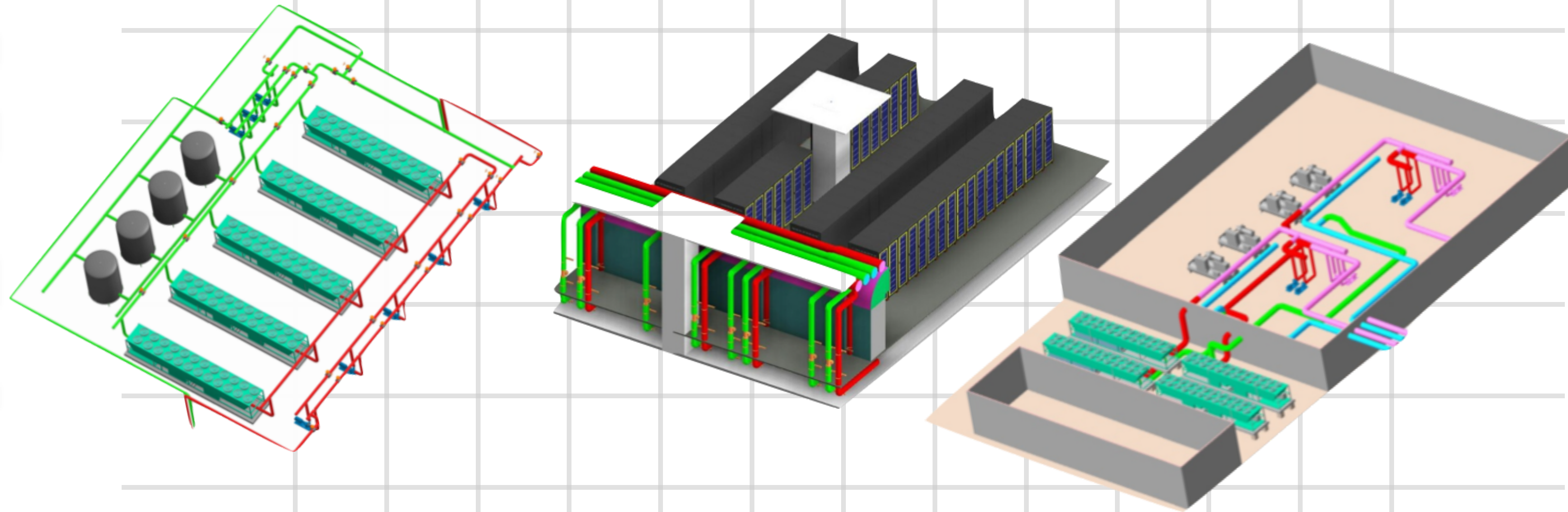
UHD Rendered Images



ST Telemedia
Global Data Centres
Chennai, India

Project Type:
Office Building

Scope of work:
HVAC Modelling



HVAC Design

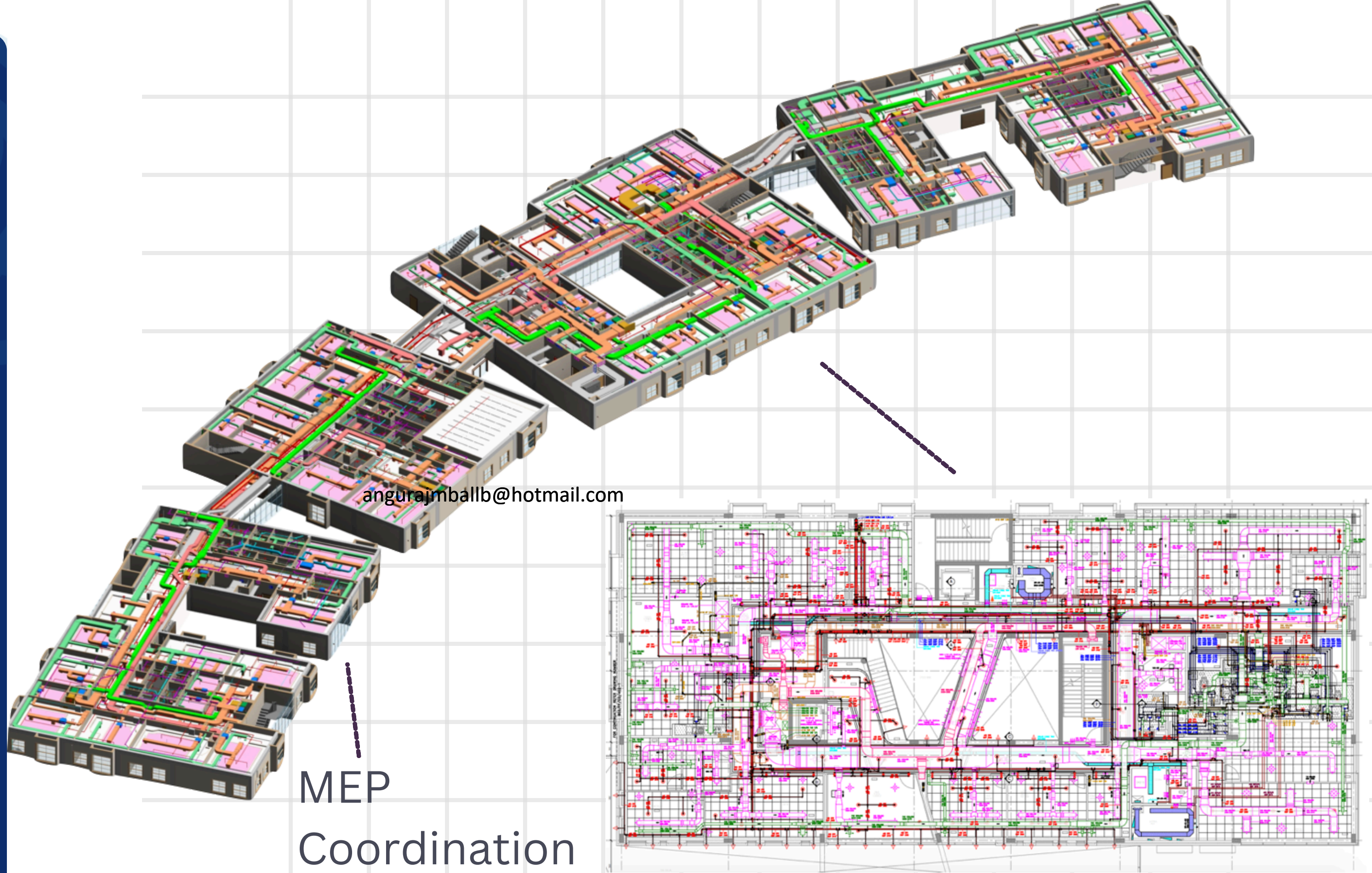
Al-Wafa School Sharjah, UAE

Size: 900,000 SFT

Project Type:
Educational Building

Scope of work:

MEP Model Coordination &
Quantification



MEP
Coordination
Work



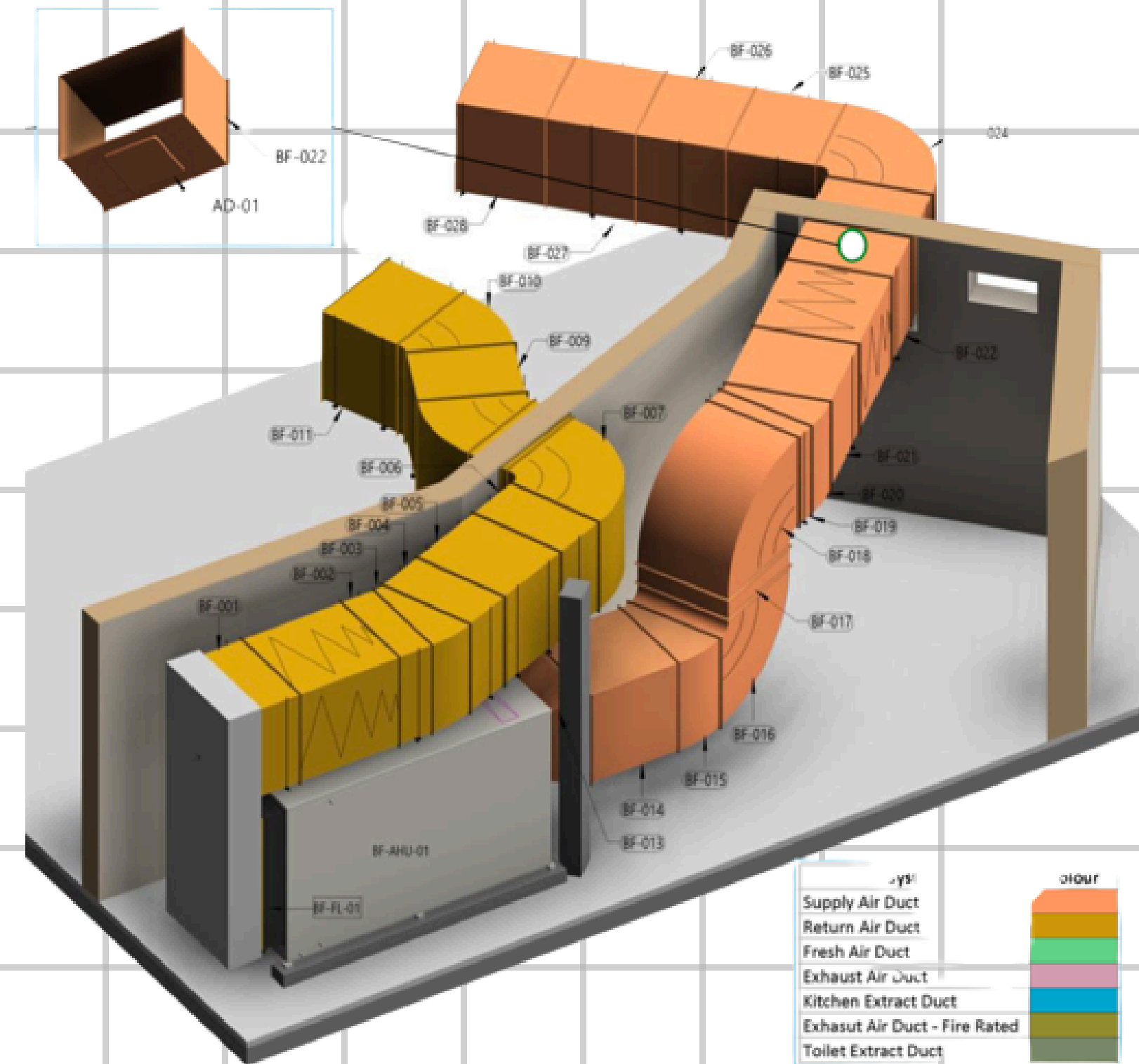
Al-Wafa School Sharjah, UAE

Size: 900,000 SFT

Project Type:
Educational Building

Scope of work:

MEP Model Coordination &
Quantification



Duct work model

East Co Developme

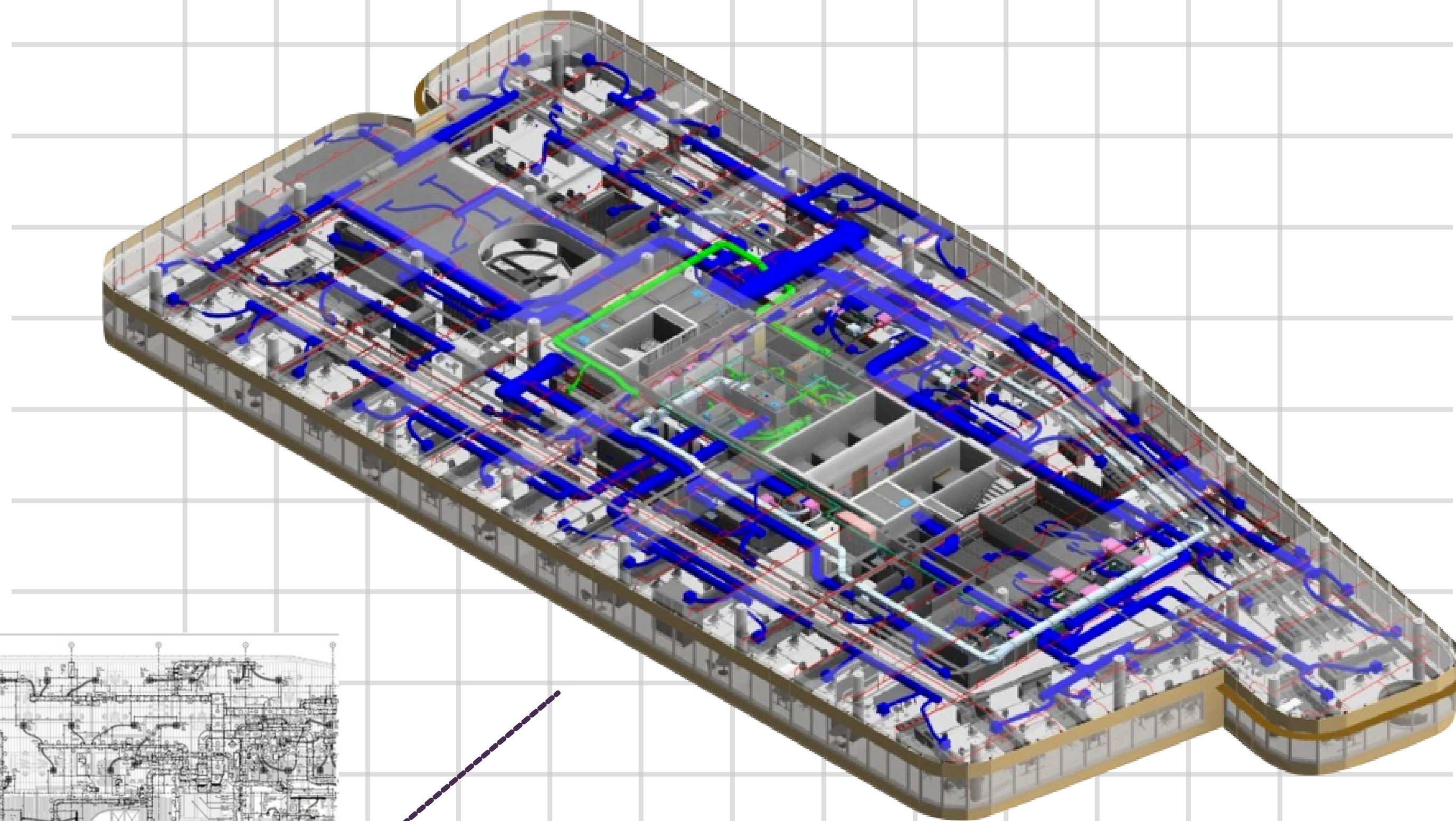
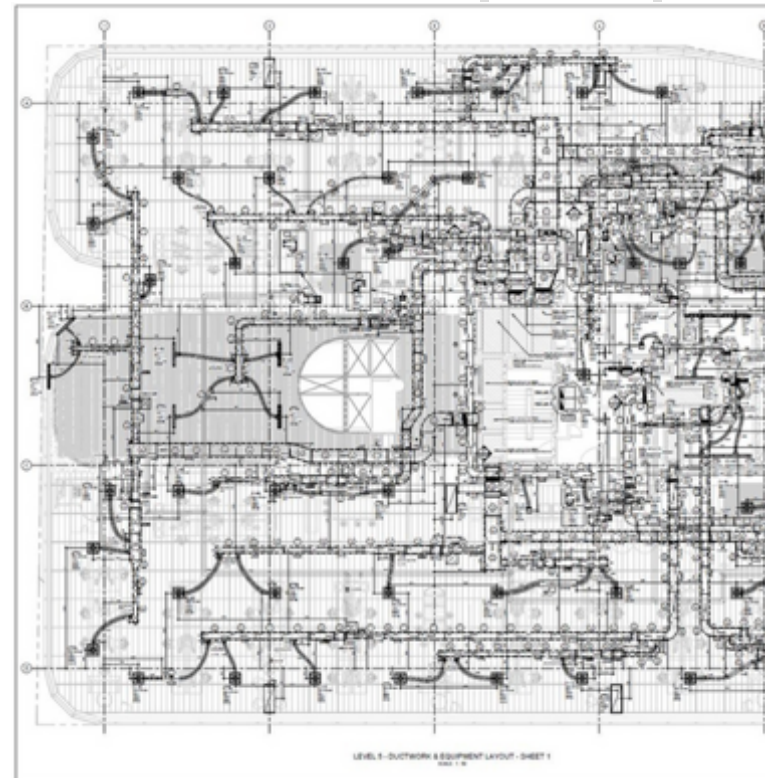
Australia

Size: 500,000 SFT

Project Type:
Office Building

Scope of work:

DUCT WORK-LOD400
(FABRICATION)



Duct work sample



DELL Crystal Down

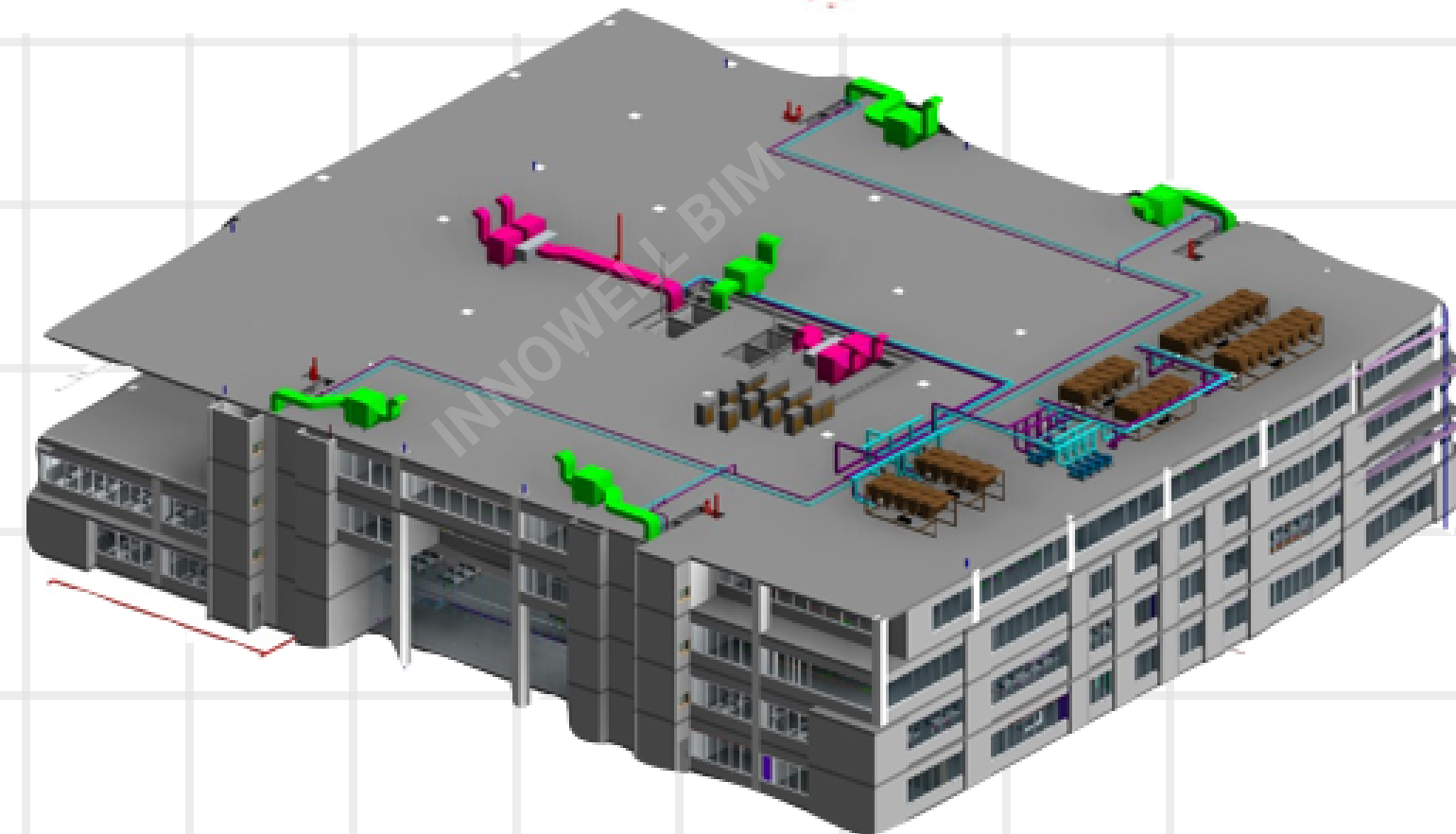
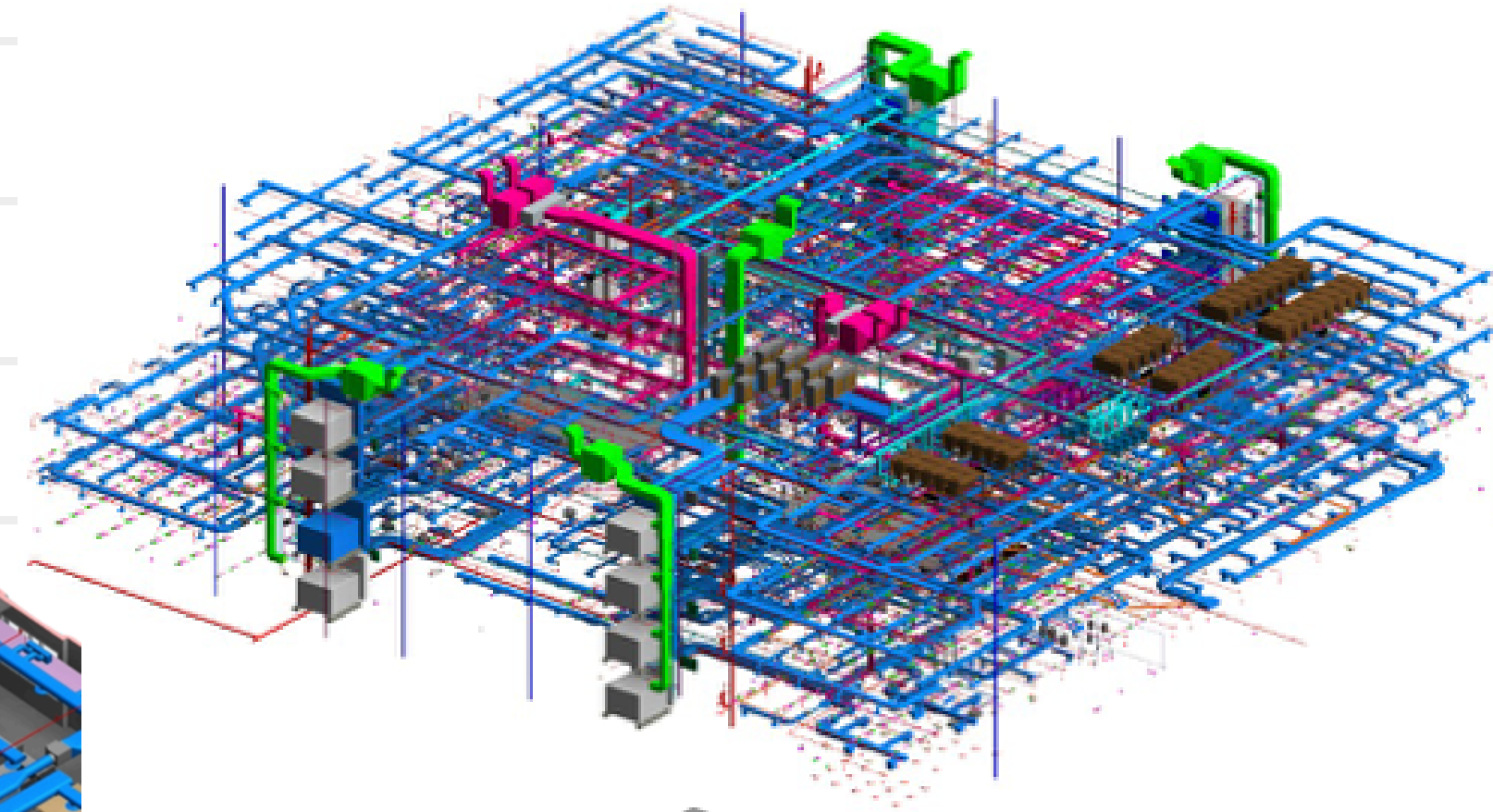
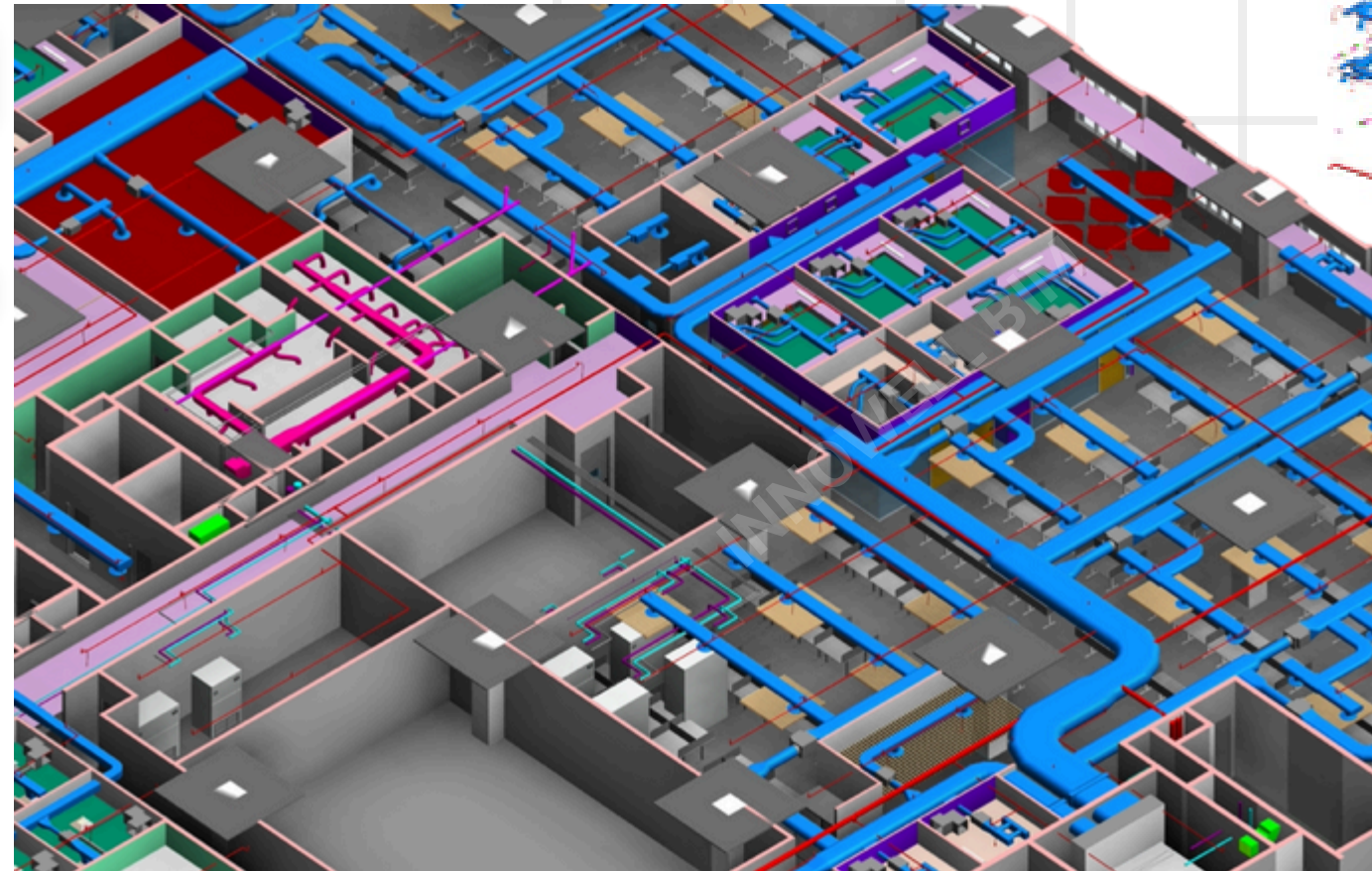
Bangalore, Karnataka

Project Type:
Office Building

Scope of work:

BIM + Engineering

Size: 200,000 SFT



MEP Coordination



HP Enterprise

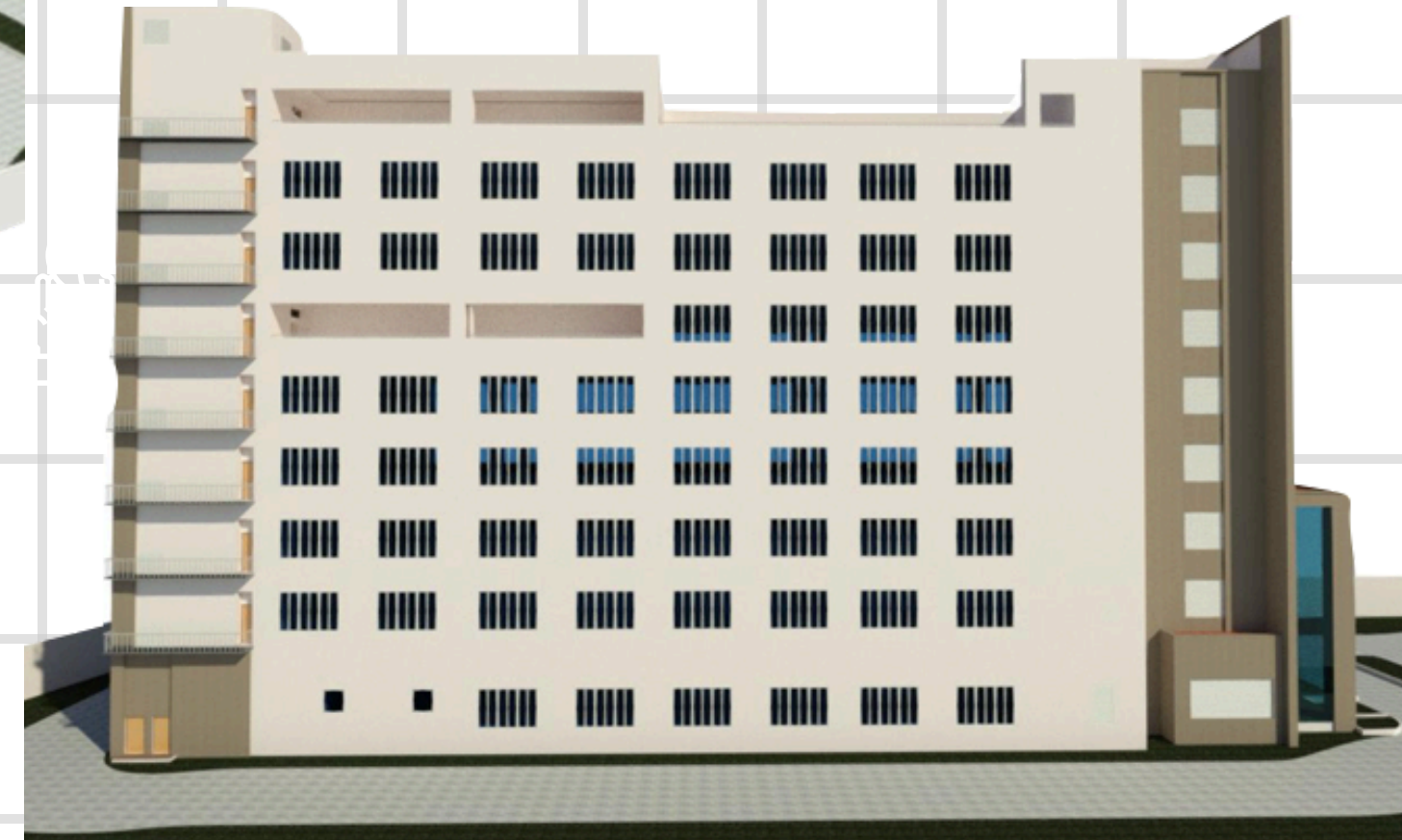
India

Project Type:
Office Building

Scope of work:

MEP Design,
Model Coordination
& Quantification

Size: 170,000 SFT



Arch Model - LOD - 200



HP Enterprise

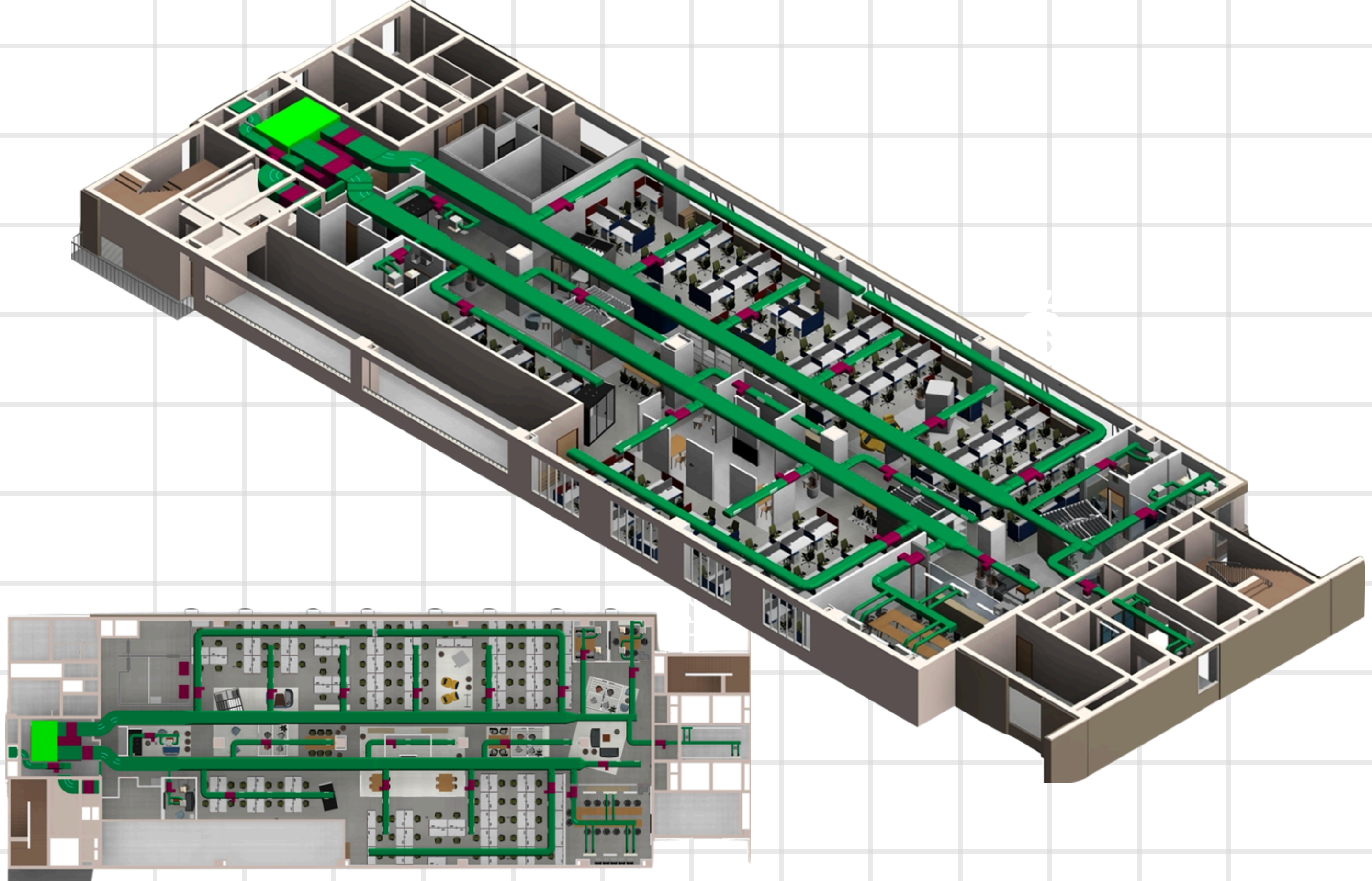
India

Project Type:
Office Building

Scope of work:

MEP Design,
Model Coordination
& Quantification

Size: 170,000 SFT



MEP Model - LOD - 300

Sustainability



Innowell received LEED Proven Provider recognition from GBCI for continuously delivering excellent and efficient Sustainable Design Practices



PROVEN
PROVIDER™

Project Abstract



LEED

Number of Projects	: 169
Certified Projects	: 121
Ongoing Projects	: 48



IGBC

Number of Projects	: 8
Certified Projects	: 4
Ongoing Projects	: 4



GRIHA

Number of Projects	: 13
Certified Projects	: 5
Ongoing Projects	: 8



WELL

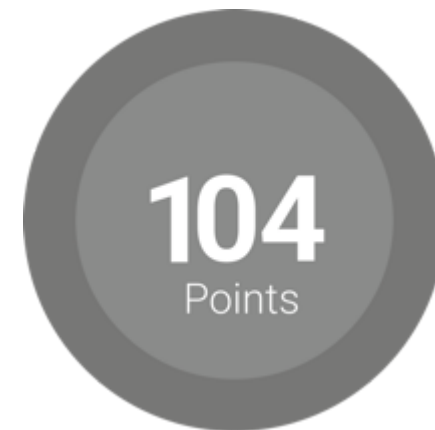
Number of Projects	: 6
Certified Projects	: 3
Ongoing Projects	: 3



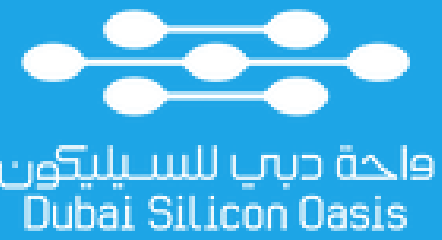
GREEN TEXTILE LTD

Kadda Bazar, Gazipur Sadar,
Bangladesh.

Project size: 75,000 sq ft



The world's highest scored factory
under LEED v4 as of now: 2023



DUBAI SILICON OASIS AUTHORITY HIGH BAY BUILDING

49MQ+466 - Dubai Silicon Oasis - Industrial Area
- Dubai - United Arab Emirates



The first LEED v4.1 O+M factory to achieve LEED Earth in UAE.



CTRLS DATACENTER AT PIONEER TOWERS

[HITEC City, Hyderabad,
India.](#)

Project size: 160,230 sq ft



The first LEED v4 O+M Platinum
certified Datacenter in the world



REMI HOLDINGS LIMITED

[Narayankanj, Gazipur, Bangladesh.](#)

Project size: 245,947 sq ft



97

Points



World's highest scored RMG Factory



GREATWEST GLOBAL BUSINESS

Deevaraabeesanahalli village, Varthur Hobl,
Bengaluru

Project size: 1,13,596 sq ft



81

Points





COGNIZANT ILP 2

Coimbatore, Tamilnadu,
India

Project Size: 173,480 sq ft



➤ Points Achieved

74/110

➤ Certified on

March, 2022

➤ Version

LEED v4

➤ Category

ID+C: Commercial Interiors



Energy Improvement



Water Efficiency

Our Prestigious Clients in India



Our Prestigious Clients in Abroad



سلطة واحة دبي للسيليكون
Dubai Silicon Oasis Authority



Innowell Engineering International Pvt Ltd



www.innowellgroup.com

SIVAKASI

2/44, 2/45 Maraneri,
Sivakasi,
Virudhunagar – 626124,
Tamil Nadu, India.

✉ info@innowellgroup.com
☎ +91 91509 12319

CHENNAI

269/3B, 1st & 2nd Floor,
First Cross Street , Vimalraj
Salai , Netaji Nagar,
Alapakkam main Road ,
Maduravayal, Chennai,
Tamil Nadu-600095

✉ info@innowellgroup.com
☎ +91 98846 59976

BANGALORE

319 First floor, Third Cross,
NGEF Layout Kasturi Nagar,
Ramamurthy Nagar,
Bengaluru-560016,
Karnataka, India

✉ sengathir@innowellgroup.com
☎ +91 95000 56868

HYDERABAD

Plot no - 111,
KPHB Colony,
Behind Nexus Mall,
Hyderabad,
Telangana-500072.

✉ syed@innowellgroup.com
☎ +91 62815 97156

For detailed information, contact concerned account manager.



<https://www.linkedin.com/company/innowell-engineering-international-pvt-ltd/>