

# 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

## Capability Statement - Commercial Buildings

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

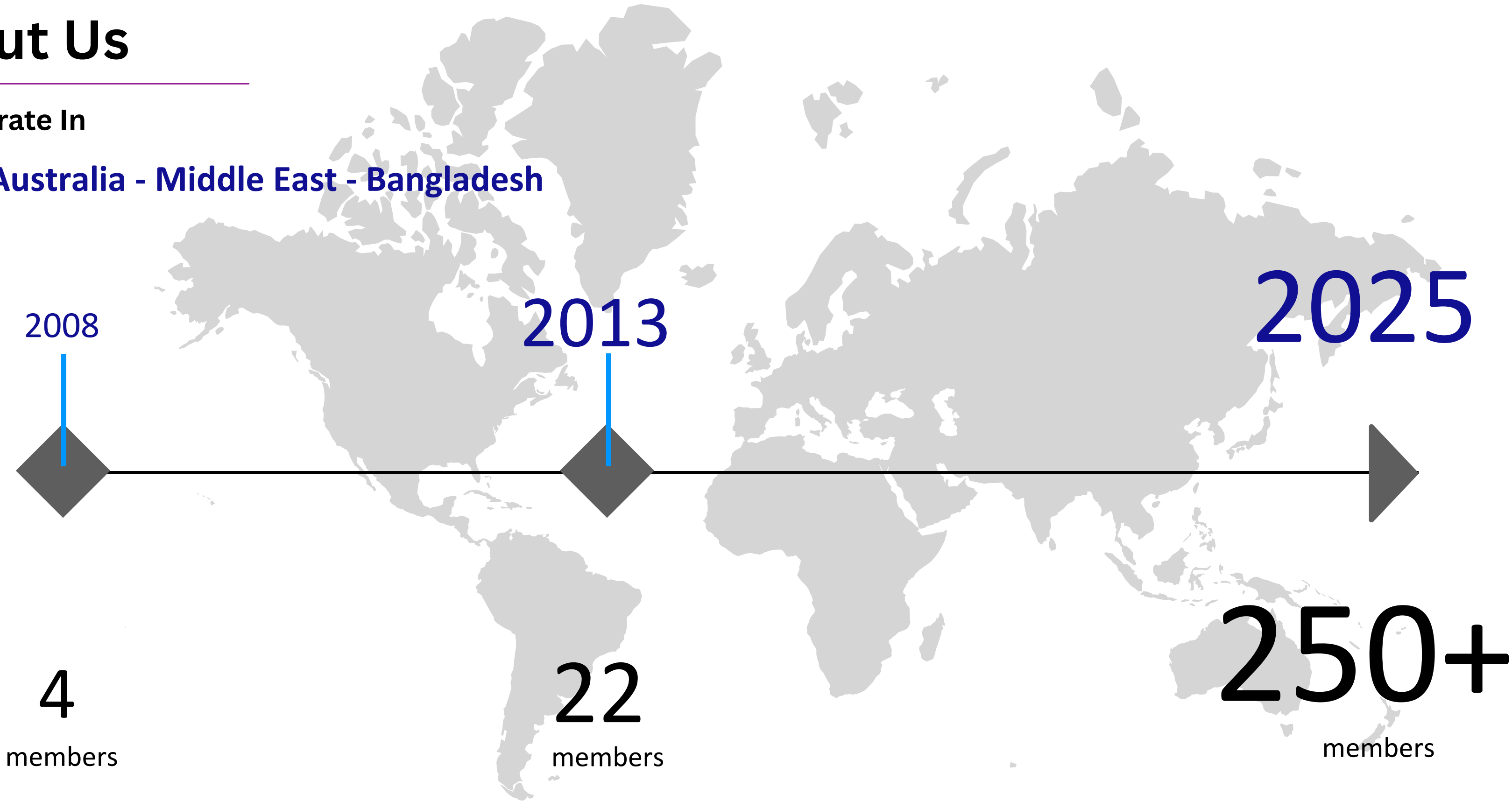
Continuously explore client's needs and serve better



# 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.

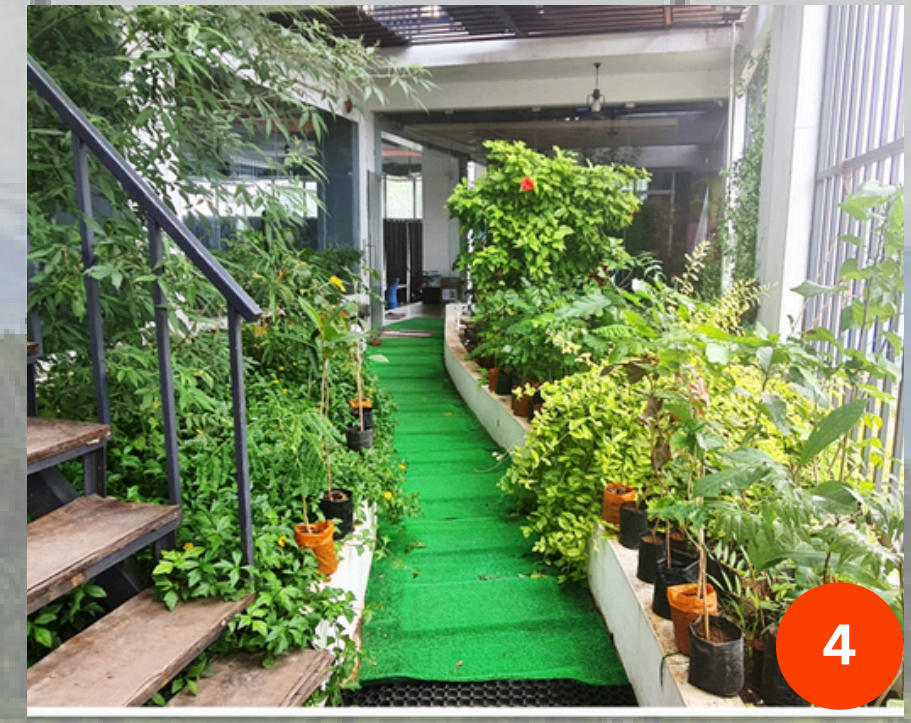




# Our Village office

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



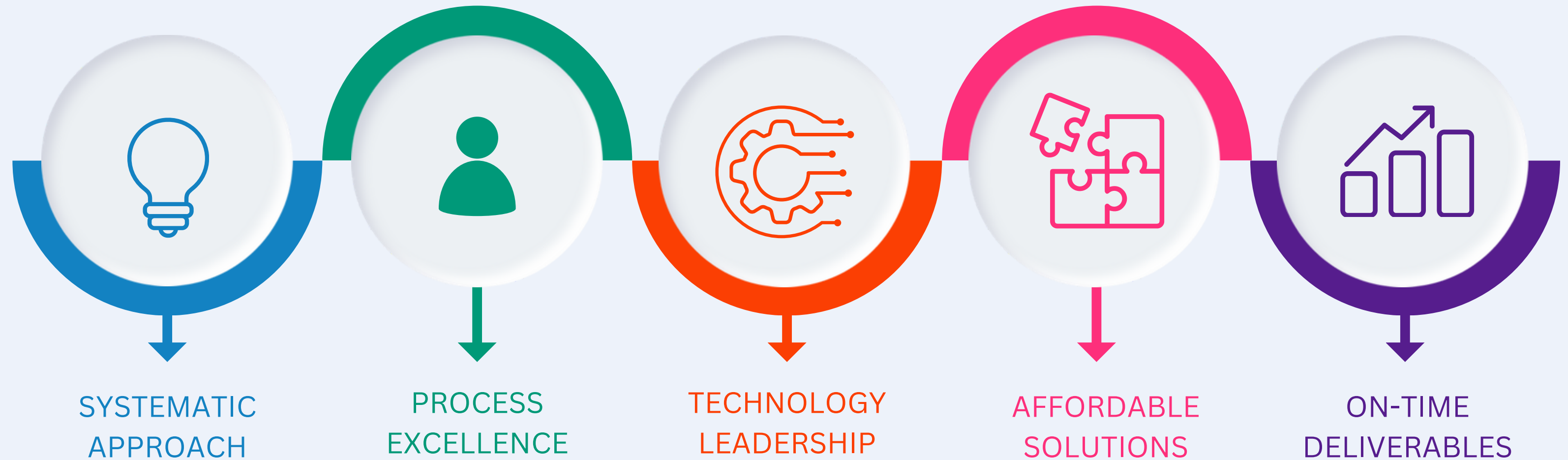
# How we do

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





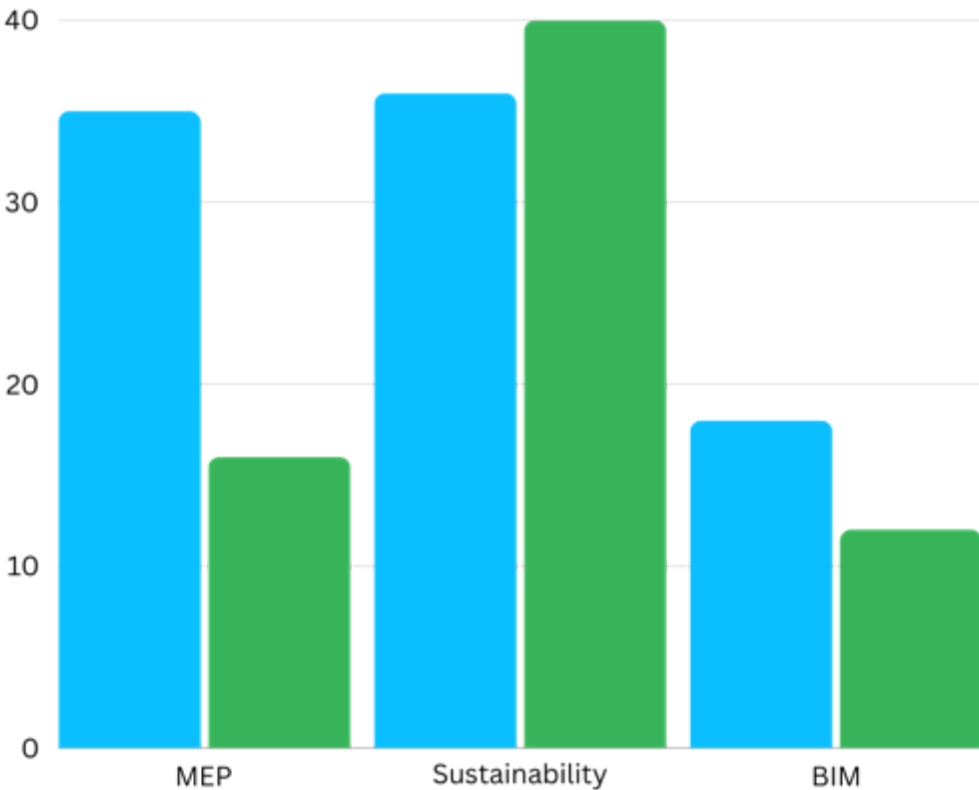
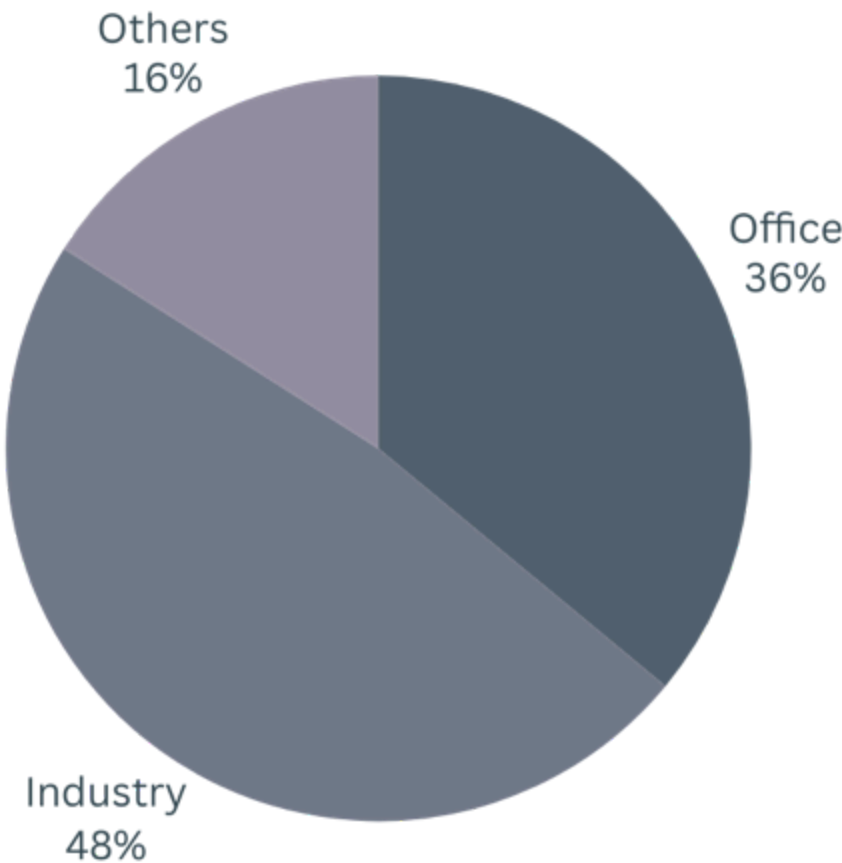
# Project Accomplishment

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

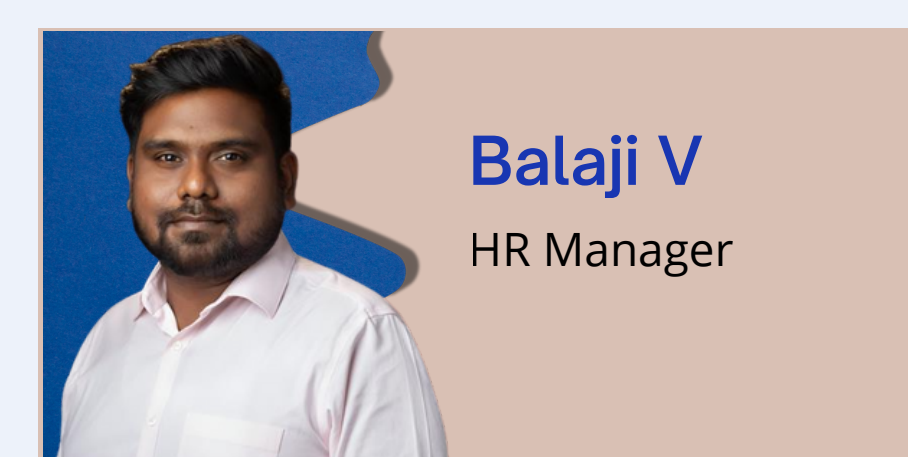


**Subramaniam V**

Senior Manager – Projects



# Rising Leaders







# MEP PROJECTS

ELECTRICAL | HVAC | PLUMBING



# KMCH

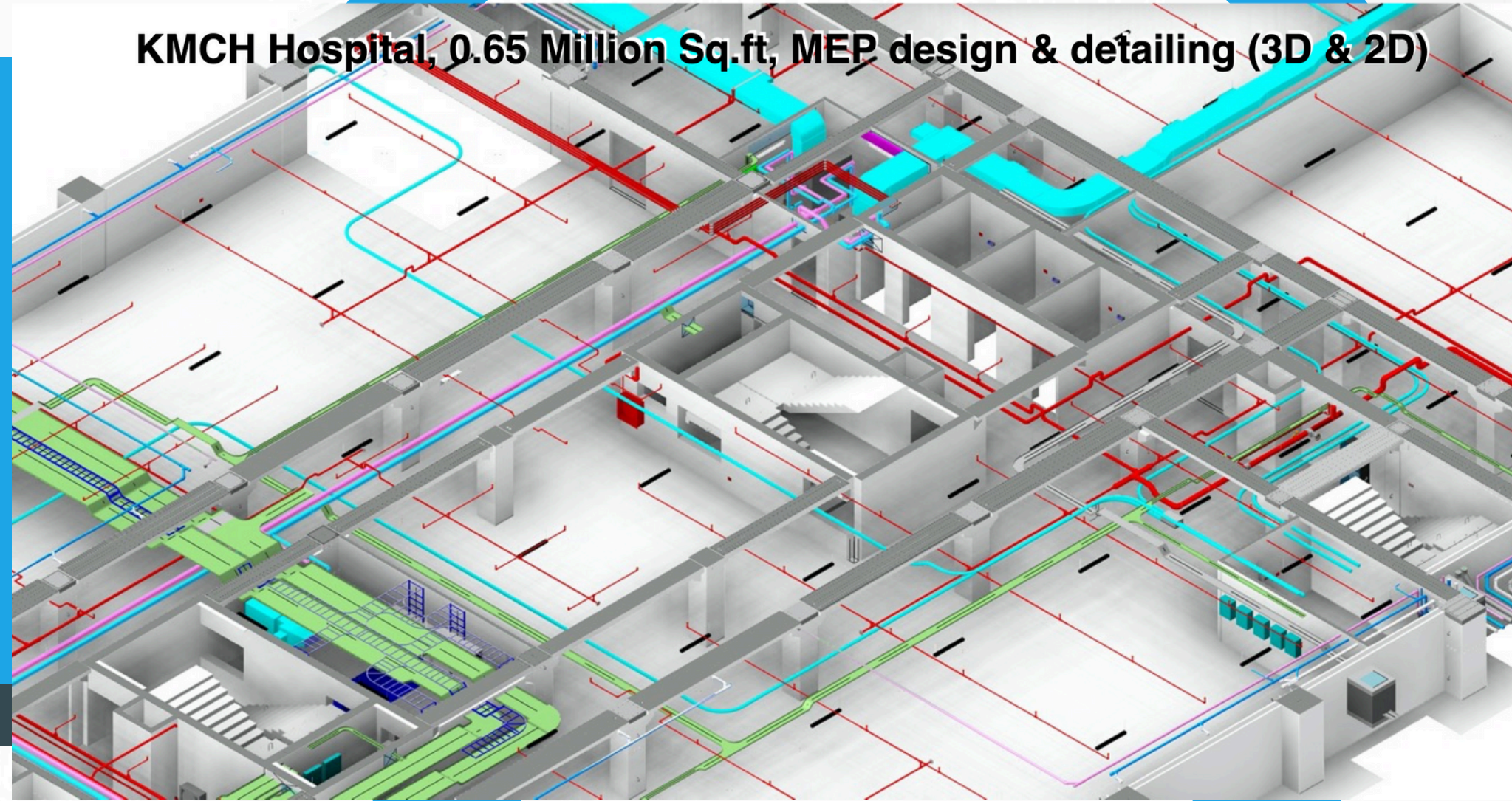
Coimbatore

Project Size: 6 Lacs sq ft

Nature of Building: Pre-cast Hospital

- MEP Design
- BIM (LOD 400)
- Large basement car parking system
- Pre-cast Building

KMCH Hospital, 0.65 Million Sq.ft, MEP design & detailing (3D & 2D)





# Hospital / Commercial Buildings - MEP

Projects Name	Area (Sq.ft)	Scope	Architects	Status
KMCH Hospital, Coimbatore	6 lacs	MEP, BIM (LOD 400)	-	Completed
Sri Sri Hospital, Hyderabad	2.0 lacs	MEP, BIM	Adrianse	On-going
Narbhavi Hospital	0.6 lacs	MEP	Aspirations	On-going
KIMS, Bengaluru	3.0 lacs	HVAC	-	Completed
SVPH, Thanjavur	2.0 lacs	MEP	-	Completed
Chettinad Hospital	0.5 lacs	HVAC	-	Completed
Epsworth, Victoria, Australia	0.4 lacs	HVAC BIM LOD 400	-	Completed
Lulu Mall, Sharjah, UAE	1.8 million	MEP, BIM	-	Completed
Al-wafa School, Sharjah, UAE	9 lacs	MEP, BIM	-	Completed
Park Hyatt Hotel, KSA	3.0 lacs	BIM	-	Completed
Sunriver (IT Building), Embassy Golfink, Bengaluru	3.0 lacs	MEP	-	Completed
Taj Exotica & Spa, (5 Star Resort & Hotels)	1.2 lacs	MEP	-	Completed

# Dell

Hyderabad

Project Size: 5 Lacs sq ft

Nature of Building: IT Office Campus



- LEED and WELL
- Building Management System
- Large basement car parking system
- 20% Energy savings



# The Address IT Park

Chennai

Project Size: 0.8 Million sq ft

Nature of Building: IT Park

- Detailed MEP 2D and 3D design.
- Building Management System
- Large basement car parking system
- 20% Energy savings



# Rajam IT Park

Hyderabad

Project Size: 4.8 Lacs sq ft

Nature of Building: IT Park

- Large basement car parking system
- 20% Energy savings





# 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
- 20% Energy savings



# 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





# 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



# 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



# Industrial Buildings (Electronics) – MEP

Projects	Type	Location	Area (Sq.ft)	Scope	Status
Salcomp	Mobile phone accessories	Chennai	7,00,000	MEP Design, BIM, Cleanroom Design	Completed
Tata Advanced Systems Ltd	Defence	Bengaluru	2,00,000	MEP Design, Cleanroom design	On-going
Marian	Defence	Bengaluru	1,25,000	MEP Design, Cleanroom design	On-going
Safaran	Defence	Hyderabad	95,000	MEP Design Review	Completed
Dell Factory	Laptop assembly	Chennai	2,50,000	MEP Design, Architectural Design	Completed
Nokia Solutions & Network	Telecom equipment assembly	Chennai	1,20,000	MEP Design	Completed
Samsung	Mobile Phone assembly	Noida	4,00,000	HVAC & BMS Design	Completed
Parker Hannifen	VFD components assembly	Chennai	2,00,000	MEP Design	Completed
Aptiv	Car AV components assembly	Chennai	80,000	MEP Design, Cleanroom Design	Completed



# On-going Workplace Projects - MEP

Projects Name	Area (Sq.ft)	Scope	Architects	Status
Standard Chartered Bank, Chennai	6.0 Lakhs	HVAC, BMS, PHE	MMoser	On-going
Pepsico, Hyderabad	5.0 Lakhs	MEP, BIM	Adrianse	On-going
Natwest Global, Bengaluru	3.75 Lakhs	MEP, LEED, WELL, WELL PV	Symmetrics	On-going
Citi Bank, Chennai	3.0 Lakhs	MEP, BIM	Concept Consilio	On-going
Amgen, Hyderabad	1.8 Lakhs	MEP, BIM	Adrianse	On-going
Takeda, Bengaluru	1.3 lakhs	MEP, BIM, LEED	Unispace	On-going
AstraZeneca	4.9 lakhs	MEP	MMoser	On-going
Standard Chartered Bank, Dhaka	1.2 lakhs	MEP	Adrianse	On-going
World Bank, Chennai	1.2 lakhs	MEP	Space Matrix	On-going
Swiss-Re, Hyderabad	0.7 Lakhs	MEP, BIM	Adrianse	On-going
HPE, Bengaluru	1.0 Lakhs	MEP, BIM	Adrianse	On-going
Barclays, Chennai	0.9 Lakhs	MEP	DWP Interics	On-going

# Workplace Projects - Sustainability

Projects Name	Area (Sq.ft)	Scope	Status
Cognizant, GAR Campus, Hyderabad	9,00,000	LEED	In Progress
Coforge, Hyderabad	1,22,064	LEED	In Progress
IBM EGL, Bengaluru	41,687	LEED + WELL	In Progress
LTI Mindtree, Hyderabad	63,548	LEED	In Progress
Empower Canada Life Phase 2, Bengaluru	52,441	LEED	In Progress
IP Infusion, Bengaluru	17,000	LEED	In Progress
Dell Campus, Hyderabad	6,00,000	MEP, IGBC Platinum + WELL + WELL PV	In Progress
Unilever Bangalore Chrysalis	1,61,203	LEED + WELL	In Progress
Novo Nordisk, Bengaluru	1,32,993	LEED + WELL	In Progress
GSK	20,000	WELL	In Progress
PPD Pharmaceutical, Bengaluru	37,388	LEED - Platinum	Completed
Empower Canada Life, Bengaluru	1,13,596	LEED - Platinum	Completed
Dell Crystal Downs, Bengaluru	2,00,000	IGBC - Platinum	Completed




# Experience our futuristic Design Process





# Key Approach



ContentsElectrical

JLR-PH2-MEP- Due Diligence report-R0  
Revision R0 (Sep 19, 2023)

Project Details

Client Name


JLR


Audit Date


Sep 9, 2023


Audited By


jayant Kumar

Recommendation







Information








Low Risk

Medium Risk

High Risk

Continues from Previous pageCheckpoints 4- 6 of 14

S.no	Checkpoint	Comments/Observation	Category	Yes/No
4	Check the body Earth Flat provision availability and its Rooting's.	As Confirmed by PMC, For fifth floor, new earth pit has to consider and instead of tapping from the Builder Body Earth Flat.	 Information	 Yes
5	check the No. of earth pit Available, If required check the space availability for Earth pit Provision.	As discussed with PMC, For Fifth floor, new Earth pit has to provide for dedicated & Body earthing. Distance Between the Electrical shaft to new earth pit provision is around 150 meter.	 Information	 Yes
6	Check whether the Common Area Power supply like Lift area, Toilet, Stair case, AHU panel Incoming power supply shall be Provided by Builder Or MEP Consultant ?	According to site observations and discussions with the PMC, the common area power supply is under the builder's scope. However, the tenant will also provide MEP services based on the tenant's requires. Additionally, it was suggested to demolish the lift lobby and design a new lift lobby in Compliance with JLR guidelines.	 Information	 Yes



Informed, accurate and automated Technical due diligence report

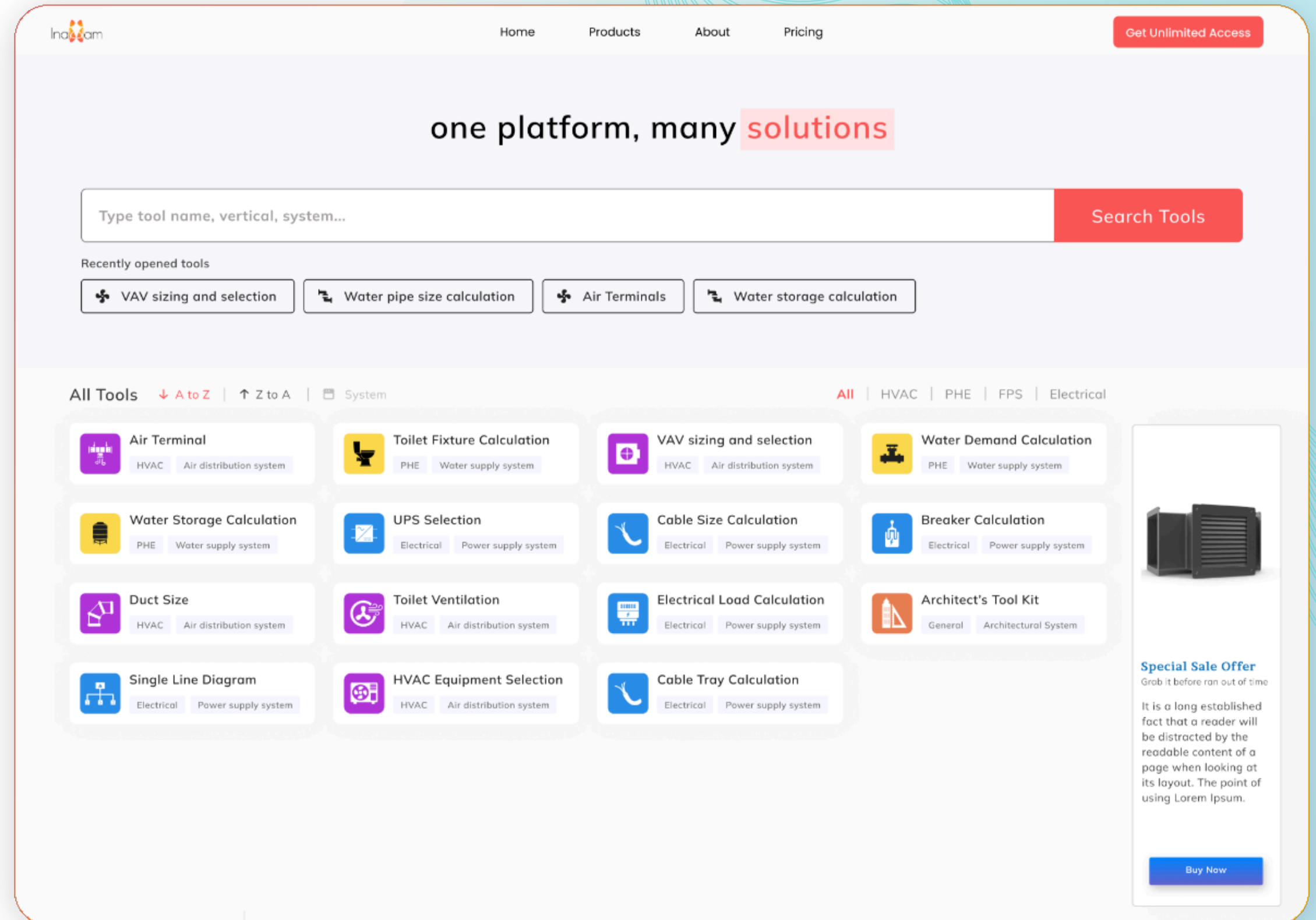


# Key Approach



INAKKAM

- 100% Design Accuracy
- Lightning-fast Deliverables
- Optional Analysis for optimal selection
- 1000s of product data base
- Integration of standards (NBC, LEED)
- AI based prediction



Our MEP designs are created using an automated design platform

# Key Approach

Air Terminals SelectionHPE - Metro

Room Dimension

Length

30

m

Width

15

m

Area

450.0

m<sup>2</sup>

Height of (BOS)

4

m

Height O1 (BOFC)

3.5

m

Supply Air Flow Rate

10701

CMH

Return Air Flow Rate

10701

CMH




Noise Level

35

NC

Air Terminal Options

All | Supply | Return

S.No	Manufacturer & Image	Type	Neck Velocity m/s	Quantity No(S)	Air Terminal Neck Size mm	Air Flow Rate / Terminal CMH	Noise Level NC	Total ADPI	Cost Indicator
1		Supply	4.4	8 5 # Less	Neck Size Dia 290	1337	29 6 NC Less	-	1.00
					Overall Size 600 x 600				
		Return	3.2	11 3 # Less	Neck Size Dia 290	972	18 17 NC Less	-	
					Overall Size 600 x 600				
		Plaque			Neck Size Dia 250				

UPS e-selectHPE - Metro

IT/ITES

Data Centre

Manufacturing

Others

Output Power Load

300

kVA

Modular

Load Factor (%)

80 %

Future Expansion (%)

0 %

Redundancy

N

N+1


N+N



2N+1

Form Factor

Floor Mounted

Rack Mounted



Manufacturer	Floor Space	Cost	Relative Reliability Benchmark
 200 KVA x 4 (25 x 8 Modules on Each) <a href="#">Show more</a>	248 Sqft UPS Only 35% Space Saving	₹ 8,700,000 19% Cost Saving	100% ★★★★★
 375 / 400 KVA x 2 (25 x 15 Modules on Each) <a href="#">Show more</a>	173 Sqft UPS Only 55% Space Saving	₹ 9,200,000 15% Cost Saving	100% ★★★★★

Automated Engineering Tools for using previous project experience, best accuracy, reliability and faster delivery.



# Key Approach

INNOWELL

Lessons

FileAutomationFormsConnections

Innowell - MEP Lesson Learnt

Share

Grid View

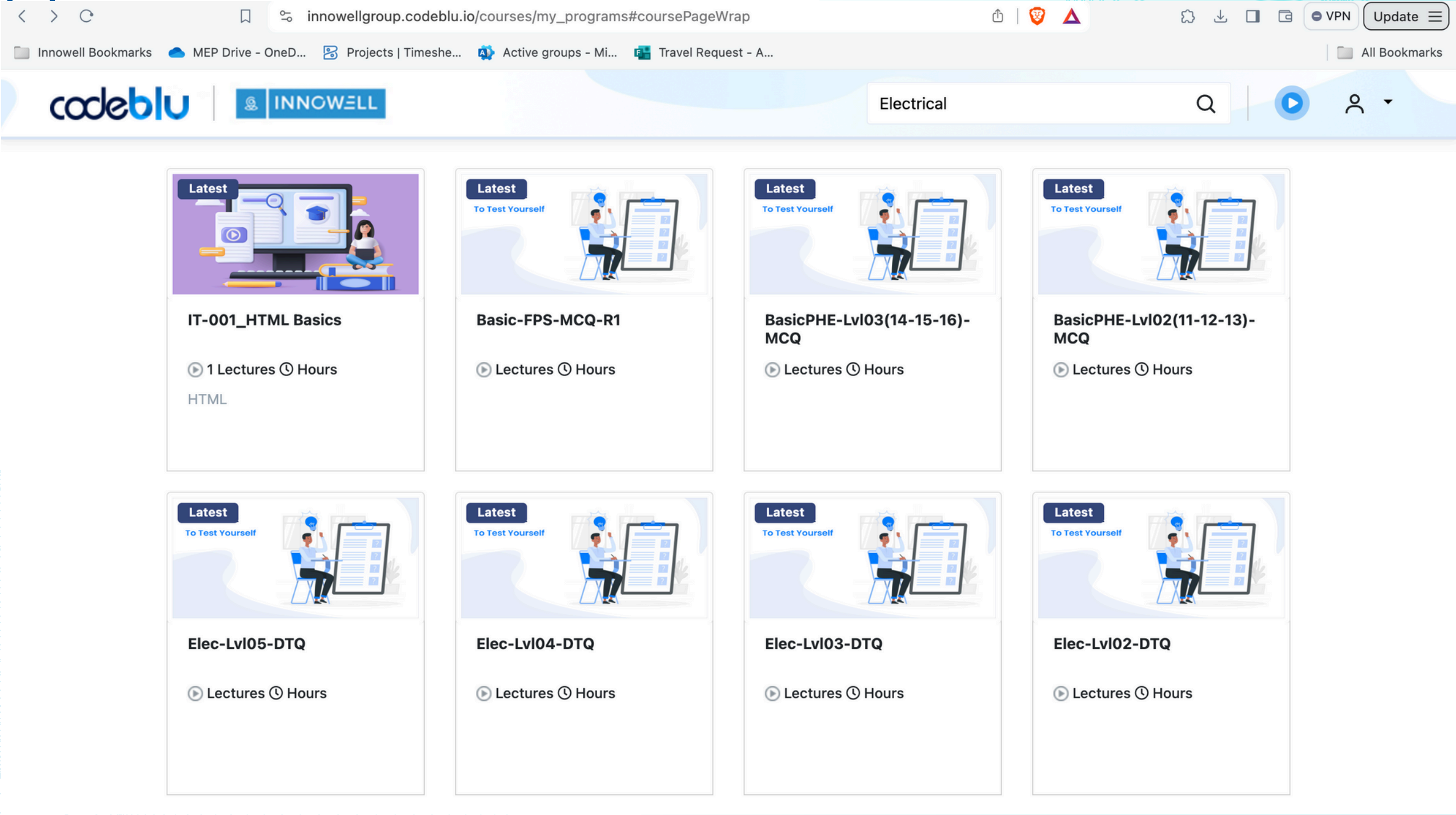
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Arial10B I U

NAME	Industry Type	NAME OF SERVICES	Deliverables	PROBLEM DESCRIPTION	LESSON LEARNT DESCRIPTION
120	Fit-out	CO-ORDINATION	Concept drawings	Initially, O/G room & Battery room space planning was given with getting partial confirmation from the Electrical team. Later, Electrical team gave proper space planning which affect the Workstation count and lab rack count.	Get space planning from the ind Consolidate and review the spar
121	Fit-out	CO-ORDINATION	GFC	During Co-ordination in the BIM to accommodate all the services in the given space without considering the support structure and the co-ordination is done. At the site, When we consider support for the service the height get varies.	While doing Co-ordination in the to be considered.
122	Fit-out	Access control	Tender drawings GFC	Raceway would be coming for Acees controller which is missed out in the Tender BOQ. Vendor have raised as NT item and it is taken from the Electrical BOQ and finalized in the variation.	Cable raceways to be included i
123	Fit-out	Aspiration Detection system	BOQ Tender drawings	For BMS Integration, Separate module to be considered for Aspiration detection system which would cost around 2.0L which brings major impact on the costing. On discussing with the OEM, We understood the requirement and included in the BOQ.	Modules to be considered for As system BMS integration.
124	Fit-out	ELV	Tender drawings	ACS & CCTV Cable tray input is not given to BIM team initially. After completion of co-ordination, the input is given. Because of that Project delivery from the BIM team got delayed.	While giving inputs to BIM team, information is given.
128	Fit-out	ELECTRICAL	BOQ Tender drawings GFC	We have not considered powder coated tray in open ceiling area.	We should provide the powder-e Open false ceiling area in Drawi considered-BOQ
129	Fit-out	ELECTRICAL	BOQ	In Noida project Rising main adopter box is not sufficient for cable termination.	We Should consider Tap-off box' description.
130	Fit-out	ELECTRICAL	BOQ DBR GFC	In CTS Ozone we have considered TP+2N as per CTS guidelines for UPS O/G panel, Later stage client suggest to us provide 4P breakers in UPS O/G panel feeders. Hence, the UPS O/G panels are coming under NT item.	For upcoming CTS projects we- Breakers in UPS O/G panel feet
131	Fit-out	ELECTRICAL	BOQ GFC	In CTS Ozone we considered TP+2N Manual change over in SLD	we shall consider either TP or 4I

Collation of Lessons Learnt and retaining Organizational assets

# Key Approach



Online Learning Management System



# Key Approach



ENTHIRAN

Project

Checkpoints: 51

Add Checkpoint

41. Check if the mechanical ventilation is provided for electrical room

Y

N

n.a

E.I | Builder's Permission +1

42. Check if any drain pump is provided as an inbuilt part of DX/VRF/PAC indoor unit

N

n.a

E.I | Basic Design issue

43. Check if the builder /Client has provided sufficient space for outdoor units in balcony / open terrace

Y

N

n.a

E.I | Basic Design issue +1

44. Check if any additional drain pump with redundancy is provided as an inbuilt part of DX/VRF/PAC indoor unit

N

n.a

E.I | Basic Design issue

45. Check if return air fans (EC fans with low noise level) are considered, incase of space constraints & inadequate return air path

N

n.a

E.I | Basic Design issue

46. Check if Tuckshop area equipment load is considered as per Clients inputs, for heat load calculation.

N

n.a

E.I | Basic Design issue

47. Check if critical room rack loads are considered as per client's requirement / design guidelines

N

n.a

E.I | Basic Design issue

48. Check if hydrogen sensor is avoided for operation of Battery room Exhaust fan

Y

N

n.a

E.I | Basic Design issue

49. Check if battery room exhaust fan panel starter panel is provided timer+relay provisions to run the fan at every 30 minutes interval.

Y

N

n.a

E.I | Basic Design issue

50. Check if the supply airflow rate for lift lobby (incase builder has provided ducting & grilles) is added to tenant's total airflow rate requirement.

Y

N

n.a

E.I | Basic Design issue

Online Quality Check platform

Line	Quick status	Doc type	Services	Doc Name	Actual Submission Date	Date of 1st review by Innowell	Status of 1st Review
17	✓	Technical submittal	HVAC	Aluminum Linear 2, 3 & 4 Slot Diffuser	12/05/18	12/07/18	Approve
18	✓	Technical submittal	HVAC	Aluminum Circular Type Diffuser	12/05/18		
19	✓	Technical submittal	HVAC	Aluminum Supply & Return Air Diffuser	12/05/18		
20	✓	Technical submittal	HVAC	Aluminum Horizontal Bar Grille	12/05/18		
21	✓	Technical submittal	HVAC	Aluminum Circular Exhaust Duct Valve	12/05/18	12/07/18	Approve
22	✓	Technical submittal	HVAC	Closed Cell Nitrile Rubber Thermal Insulation	12/05/18	12/07/18	Approve
23	✓	Technical submittal	HVAC	Open Cell Nitrile Rubber Acoustic Insulation	12/05/18		
24	✓	Technical submittal	HVAC	CPVC Drain Pipe	12/05/18	12/07/18	Revise
25	✓	Technical submittal	HVAC	Drain Pump	12/05/18	12/07/18	Approve
26	✓	Shop drawings	HVAC	Second Floor HVAC Shop Drawing	12/05/18	12/06/18	Approve
27	✓	Shop drawings	HVAC	Ground Floor HVAC Shop Drawing	12/05/18		Approve
28	✓	Shop drawings	Electrical	10GA_PDU Panel-GF (W-S)-R2	12/31/18	01/02/19	Approve
29	✓	Shop drawings	Electrical	10GA_HVAC Panel-BF-R2	12/31/18	01/02/19	
30	✓	Shop drawings	Electrical	11GA_HVAC Panel-TF (outdoor)-R2	12/31/18	01/02/19	
31	✓	Shop drawings	Electrical	12GA_SMSB PANEL-1F2-R2			

# Empowering at Cloud Intuitive Collaborate'r

Cloud based “Intuitive Collaborate'r” ensures live engagement of all Project Stakeholder and empowers seamless delivery of Designs and Documents.

**Print Options**

☐ Include Hidden Columns

☒ Include Comments

**Actual Date of 3rd Submission**

**Date of 3rd review by Innowell**

**Status of 3rd Review**

**Date of Final approval by Innowell**

**Remarks**

**LOI Ref**

**PO Ref**

**Comments**

[lokesh@innowellgroup.com](#) | December 7, 2018 7:48 PM  
Status: Revise and resubmit.  
1. Submitted make is not as per Approved list of make.

[santhoshrao@vayucon.in](#) | December 13, 2018 1:23 PM  
Prince Make is a part of tender makes



# Key Approach

## EFFECTIVE PROJECT CONTROL PLAN

INNOWELL

Arth

FileAutomationFormsConnections

Wework Galaxy - Design Schedule - Arth

Share

Grid ViewFilter

Arial10B I U

	Quick Status	Task Name	Duration	Start Date	End Date	Predecesso...	Actual Start	Actual End
31		Hands off - Second stage	6d	03/04/24	03/11/24			
32		Clients input	4d	03/04/24	03/07/24			
33		100% of Approved interior layout in model	1d	03/07/24	03/07/24			
34		Submission of ICT drawings	2d	03/04/24	03/05/24			
35		1st floor ICT drawing	1d	03/04/24	03/04/24			
36		2nd floor ICT drawing	1d	03/05/24	03/05/24			
37		Submission of EC Model drawings including's (Beam,Capital & Services drawings)	1d	03/07/24	03/07/24			
38		Pantry & Chai bar appliance data base	1d	03/07/24	03/07/24			
39		Architect input	2d	03/08/24	03/11/24			
40		Finished floor plan	2d	03/08/24	03/11/24	32		
41		Grommet layout	2d	03/08/24	03/11/24	32		
42		Lighting layout (including wattage of light )	2d	03/08/24	03/11/24	32		
43		Due Diligence Stage	7d	02/29/24	03/07/24			
44		Submission of Fire Compartmentation layout	1d	02/29/24	02/29/24		02/29/24	
45		Submission of Staircase adequacy calculations	1d	02/29/24	02/29/24		02/29/24	
46		Submission of PHE fixture adequacy calculations	1d	02/29/24	02/29/24		02/29/24	
47		Due Diligence Site Visit MEP	1d	03/05/24	03/05/24			
48		Due Diligence Report Submission (MEP)	2d	03/06/24	03/07/24	47		
49		Critical set	22d	02/28/24	03/26/24			
50		Electrical Deliverables	21d	02/28/24	03/25/24			
51		DBR	11d	02/28/24	03/12/24			
52		Preparation	6d	02/28/24	03/05/24			

Online Design Scheduler





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 grey rectangular overlay in the center. The text 'Building Information Modelling' is written in white serif font across the middle of the image. The buildings have glass facades reflecting the ambient light. A solid yellow vertical bar is on the right edge, and a solid blue vertical bar is on the left edge.

# 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

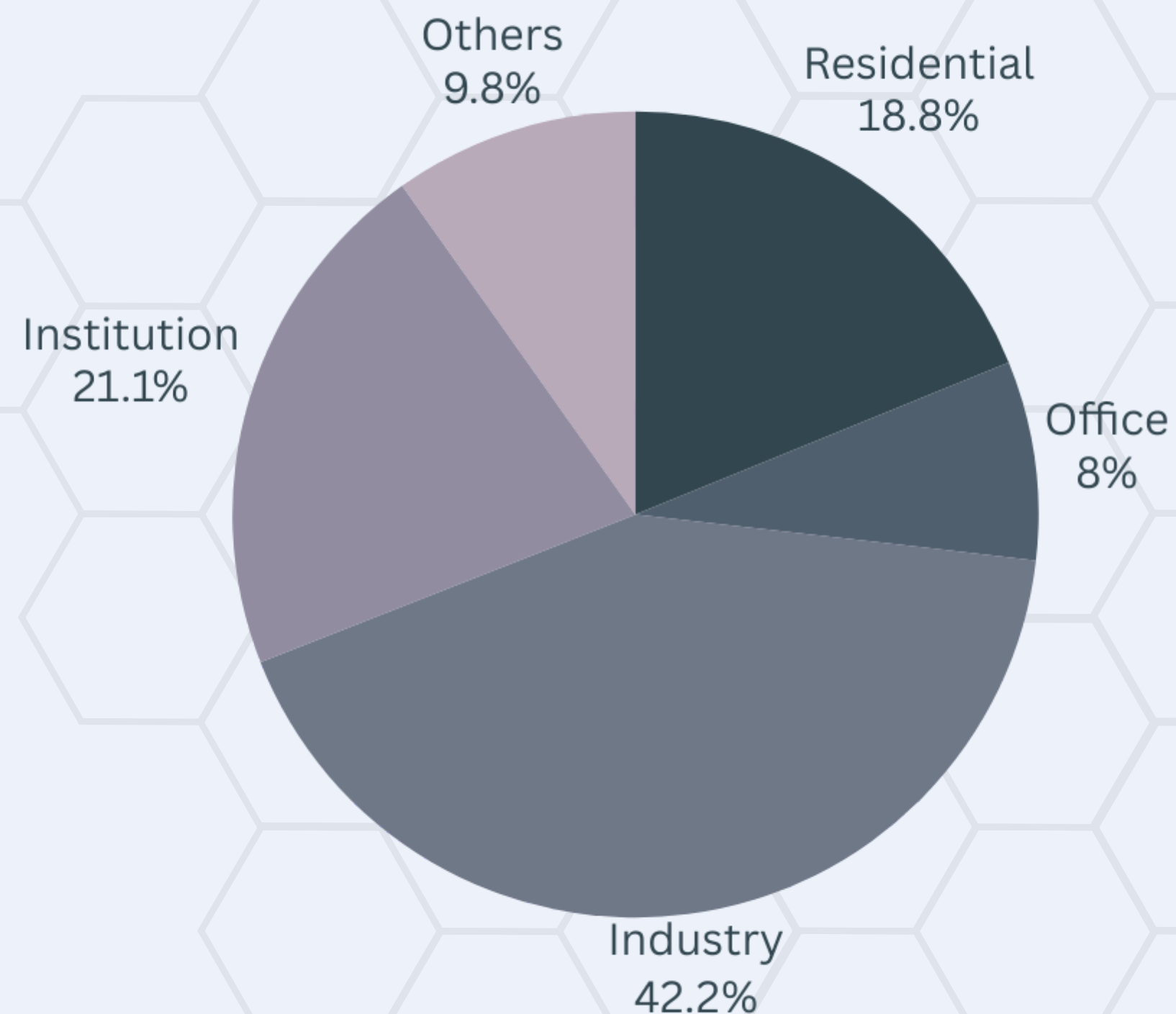
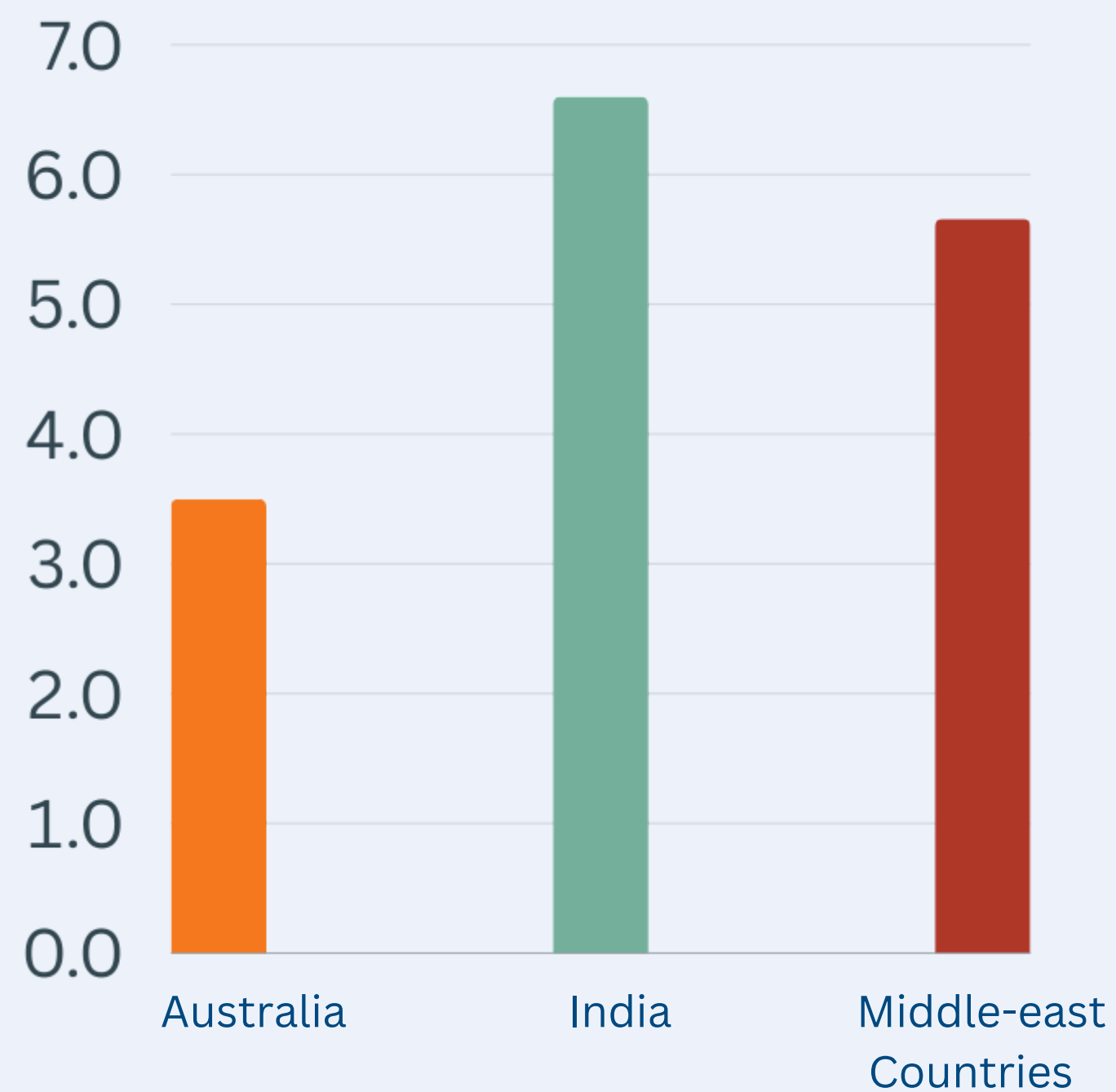
ON-SITE / OFFSITE BIM STAFFING SERVICE

BIM TRAINING



# Project Accomplishment

Project Size  
in Mn SFT





# DELL Crystal Down

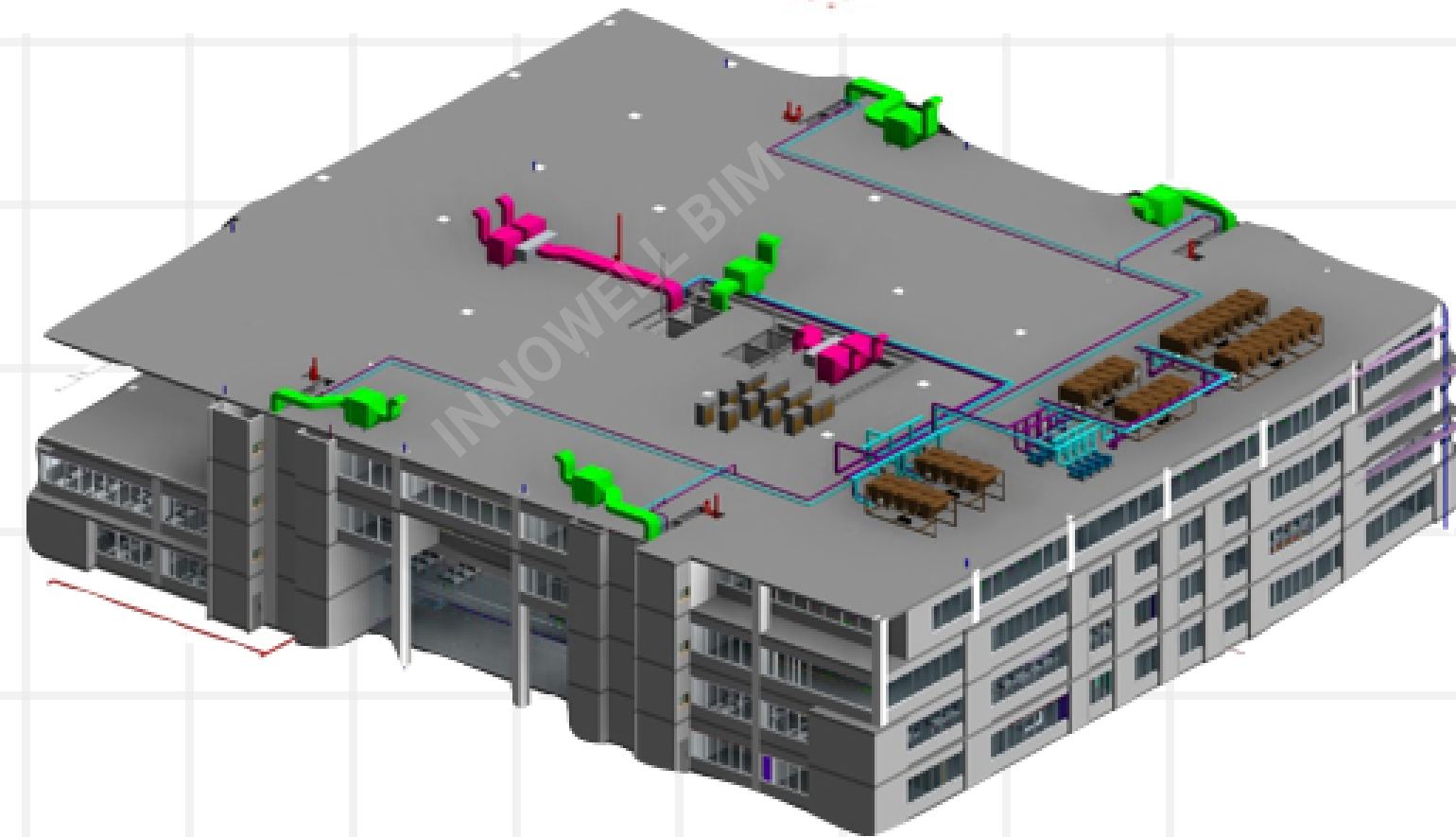
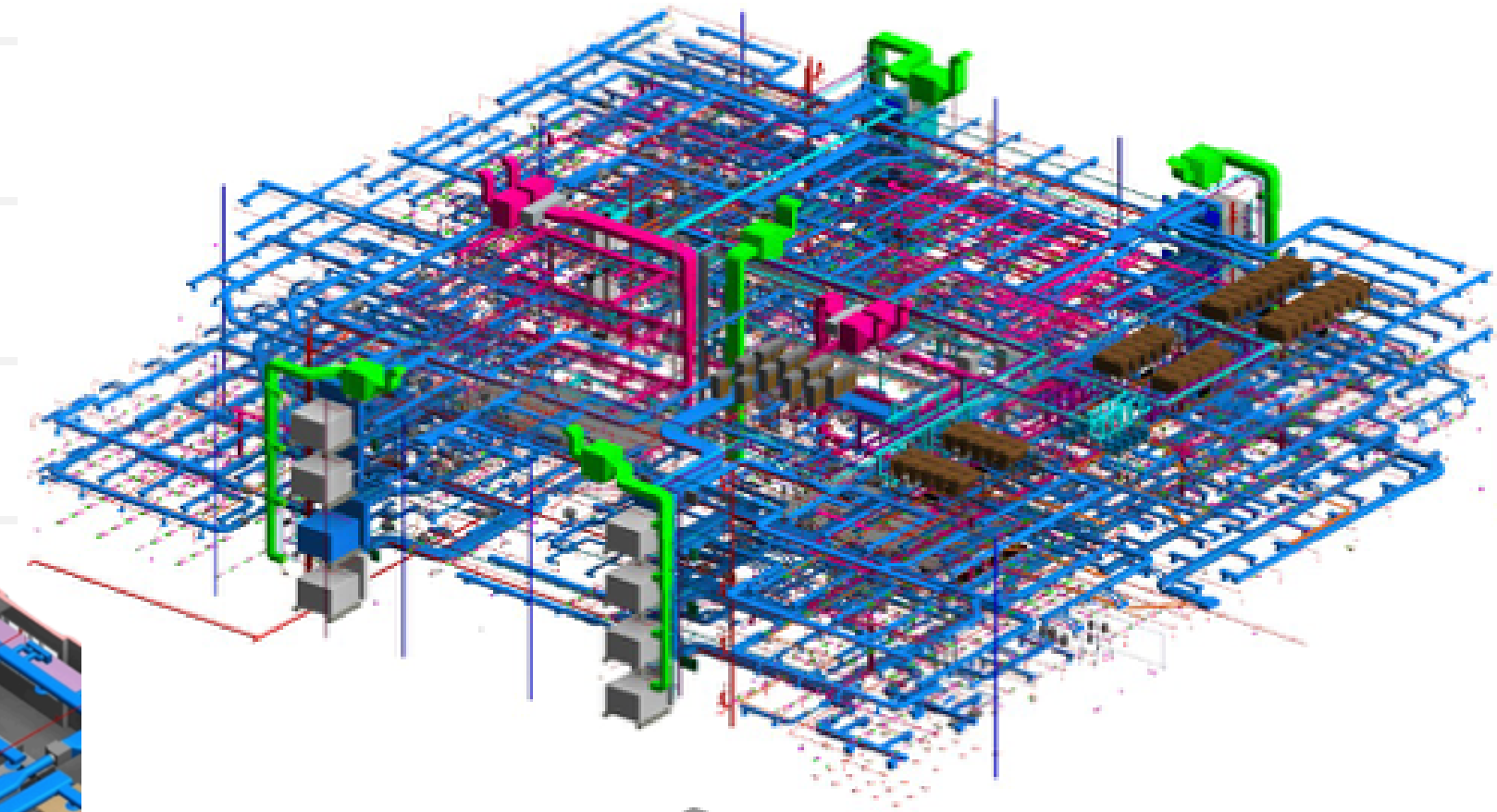
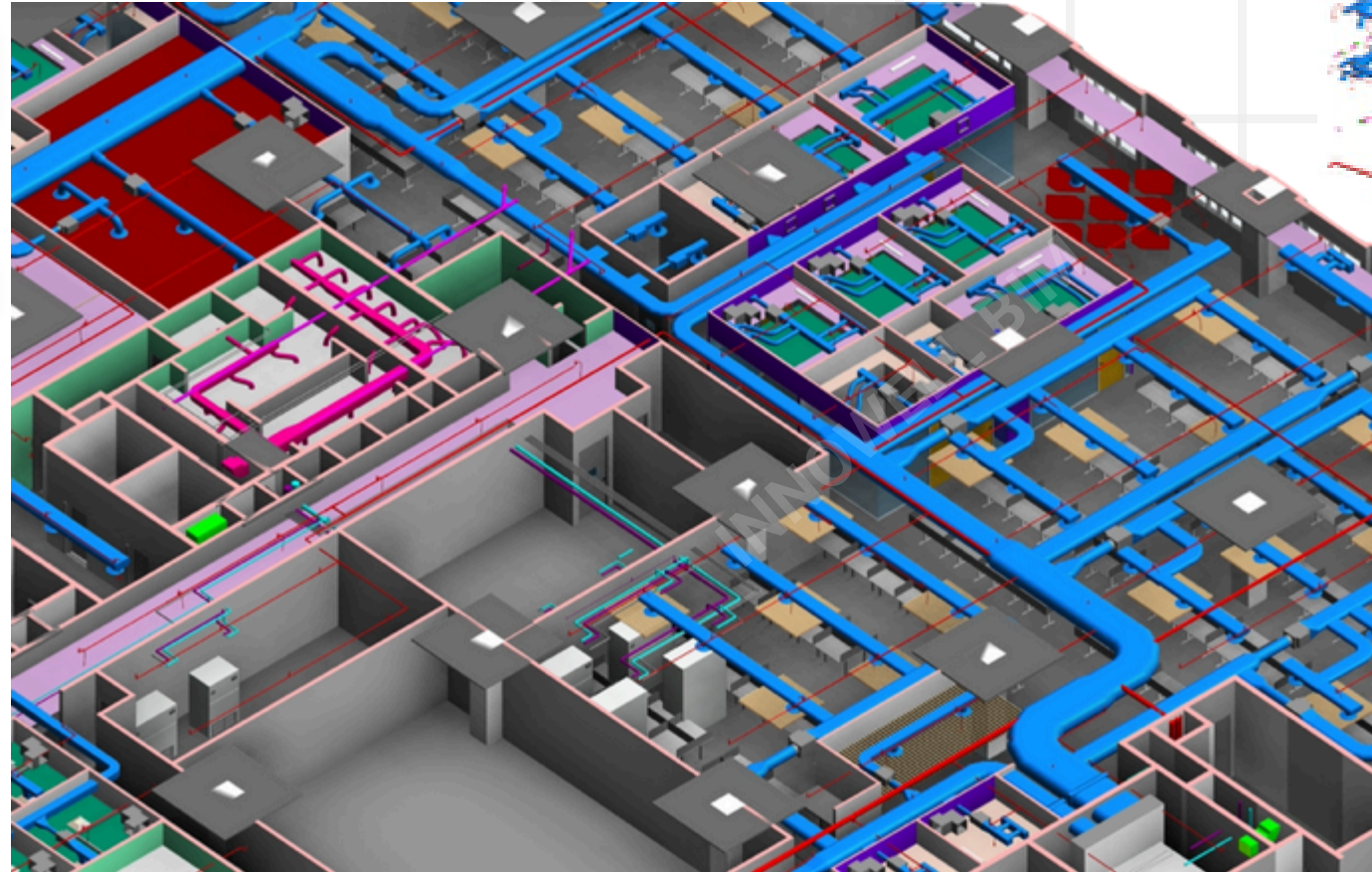
Bangalore, Karnataka

Project Type:  
Office Building

Scope of work:

BIM + Engineering

Size: 200,000 SFT



## MEP Coordination



East Co Developme

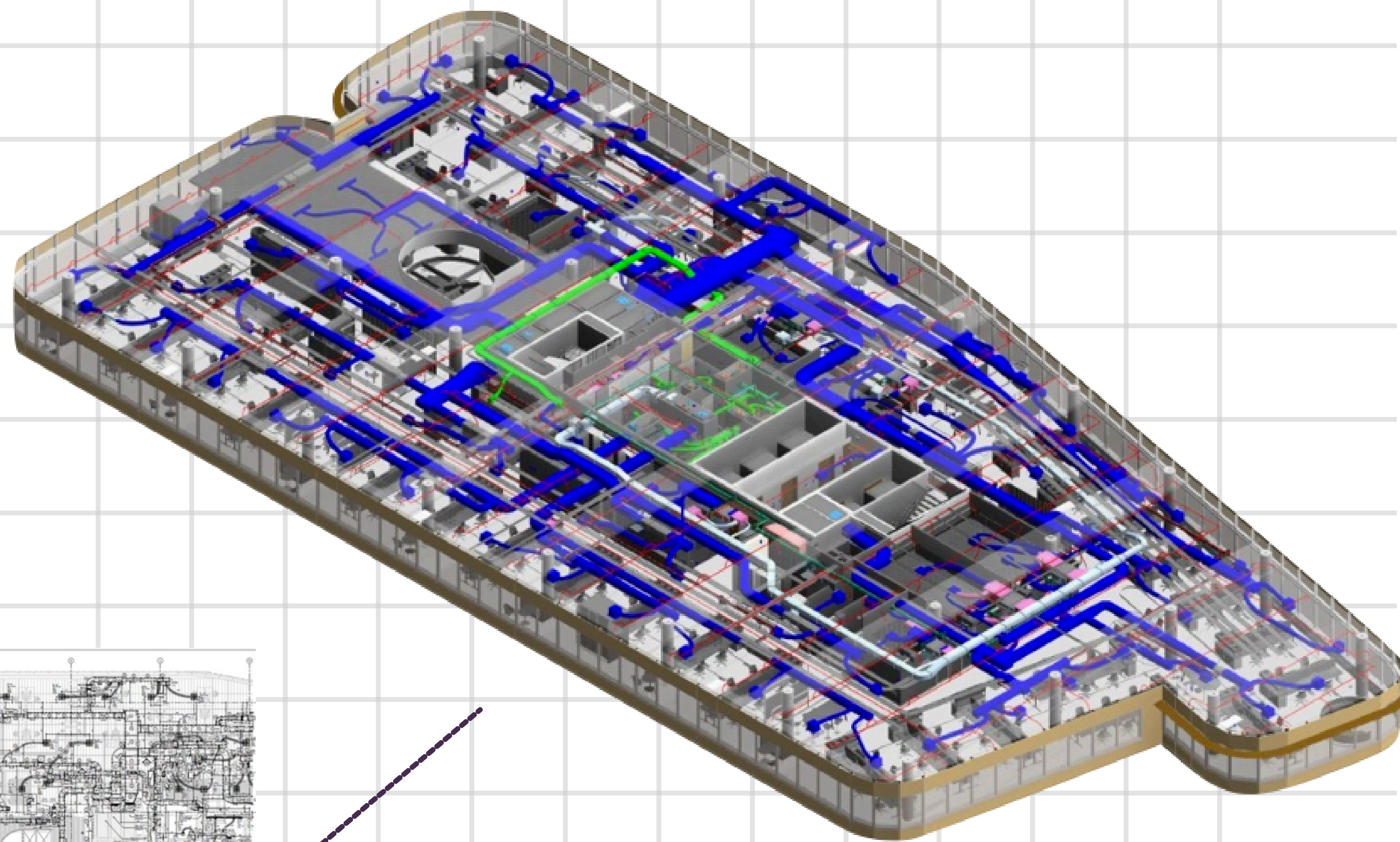
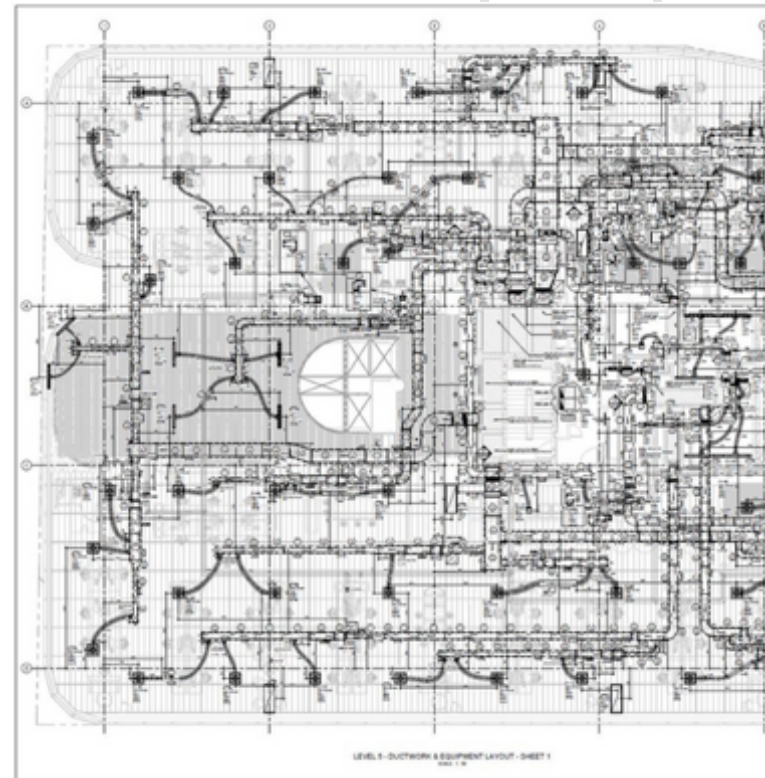
Australia

Size: 500,000 SFT

Project Type:  
Office Building

Scope of work:

DUCT WORK-LOD400  
(FABRICATION)



Duct work sample





# HP Enterprise

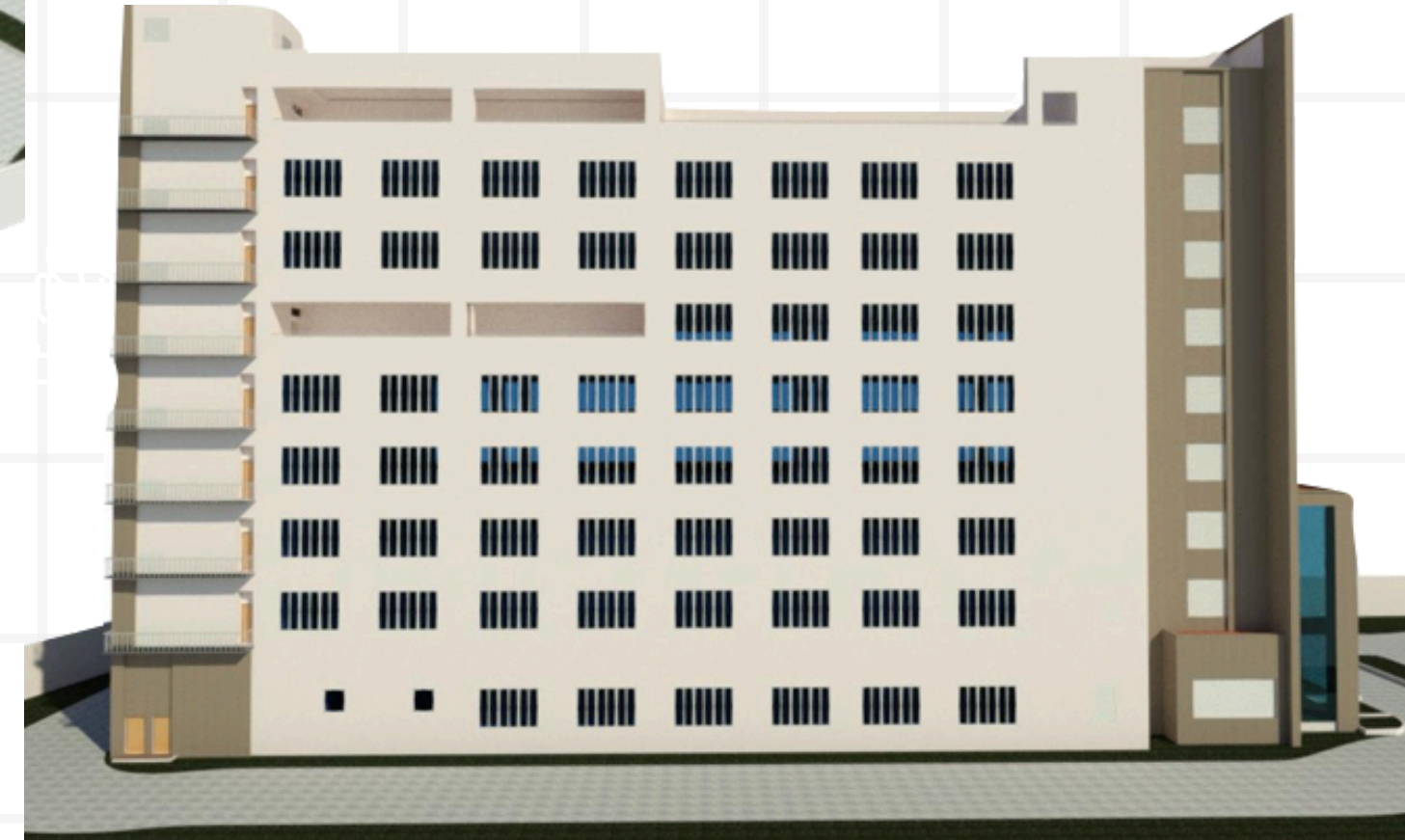
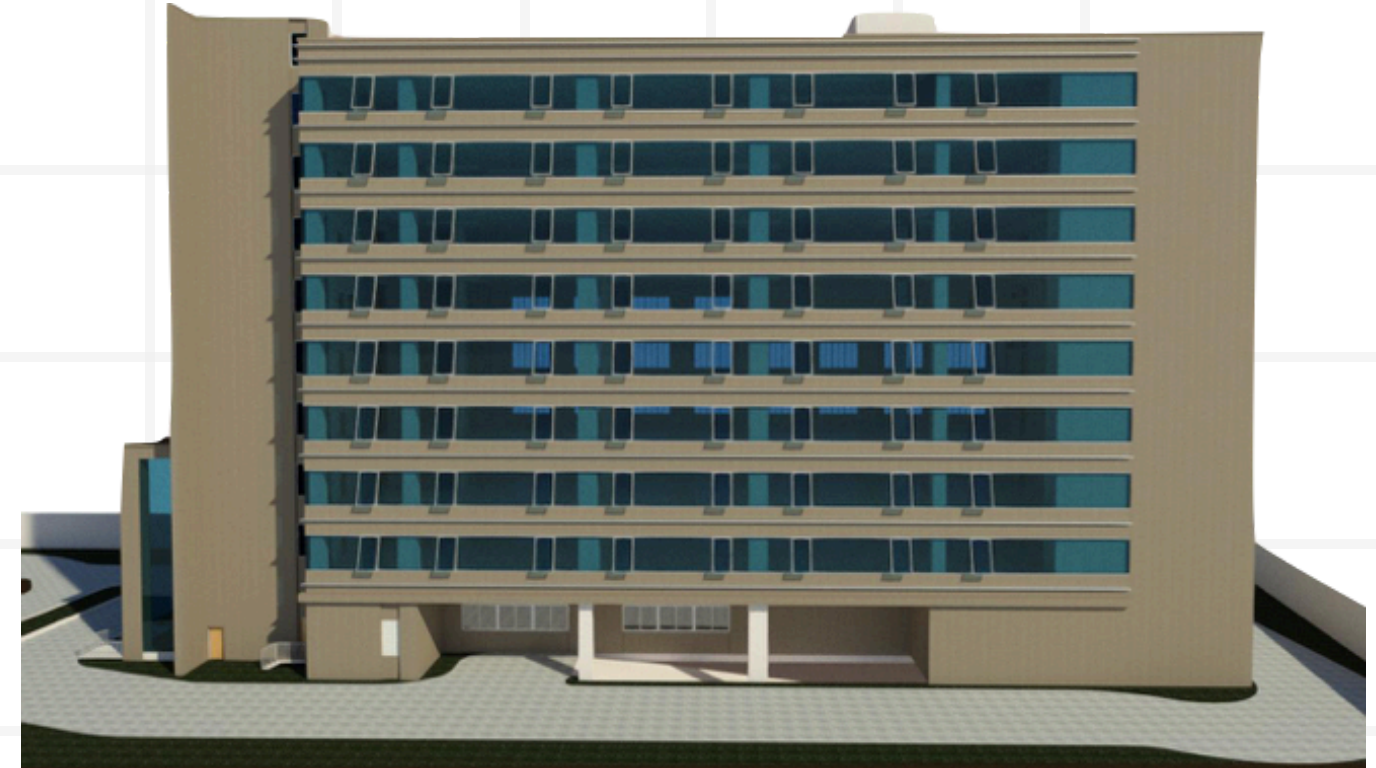
India

Project Type:  
Office Building

## Scope of work:

MEP Design,  
Model Coordination  
& Quantification

**Size: 170,000 SFT**



Arch Model - LOD - 200





# HP Enterprise

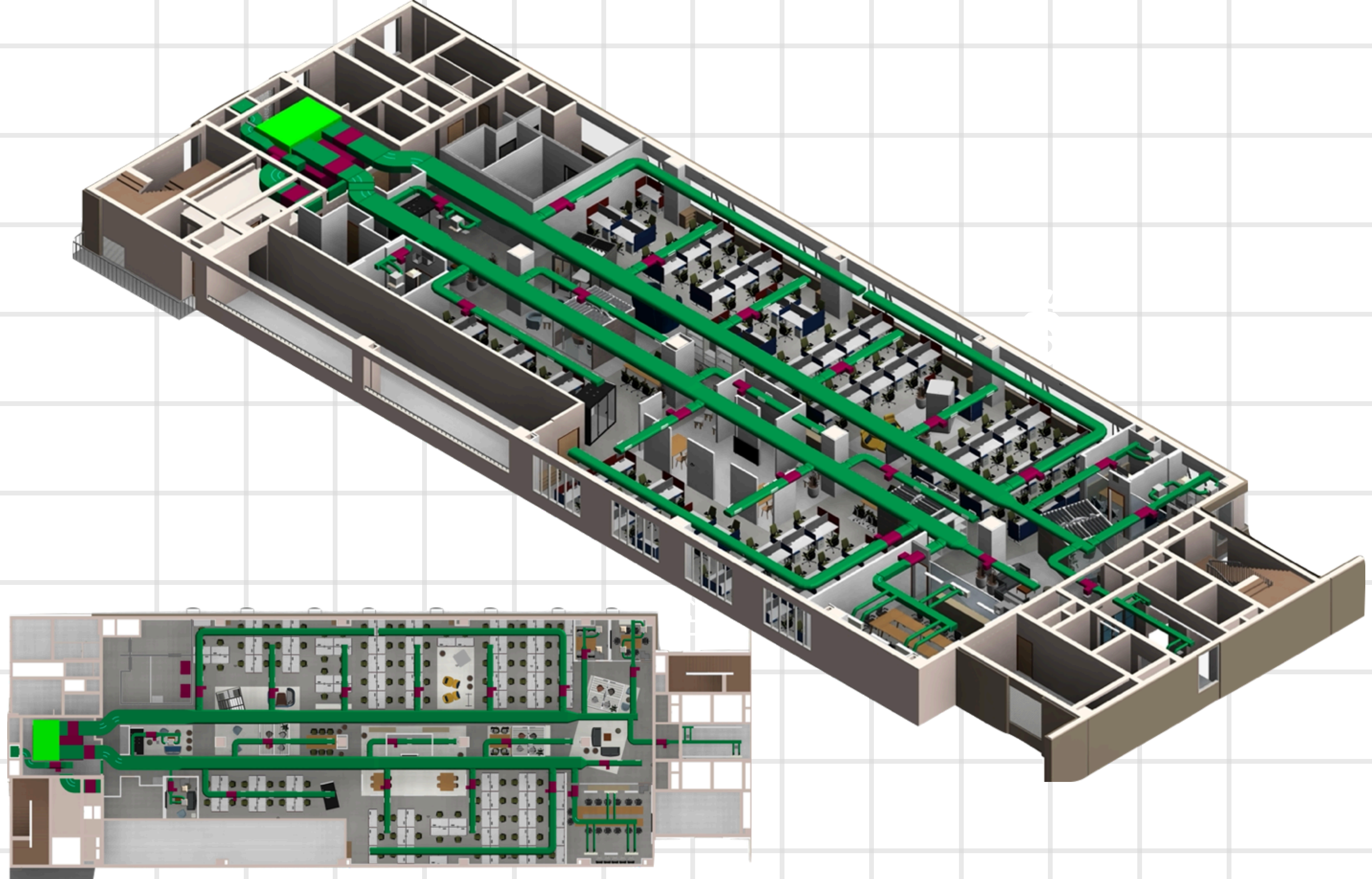
India

Project Type:  
Office Building

## Scope of work:

MEP Design,  
Model Coordination  
& Quantification

**Size: 170,000 SFT**



MEP Model - LOD - 300



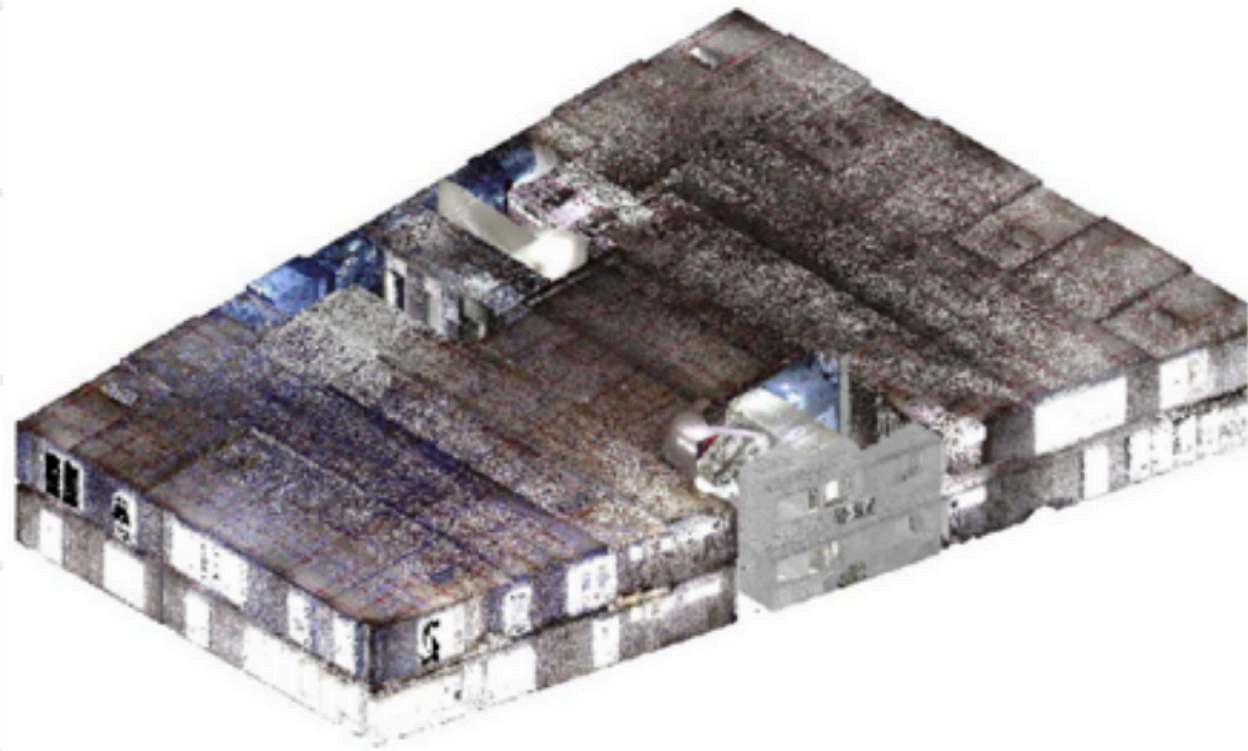


India

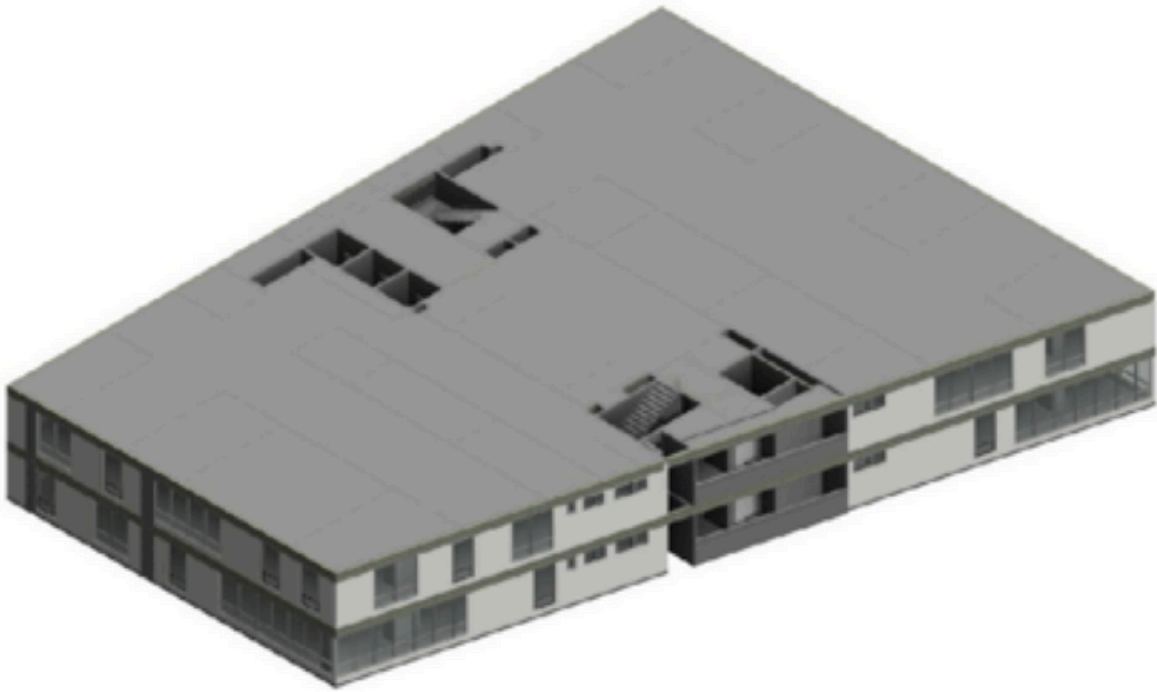
Project Type:  
Office Building

Scope of work:  
Scan2BIM

10 Projects



Scan Image



Revit Model Image



# wework

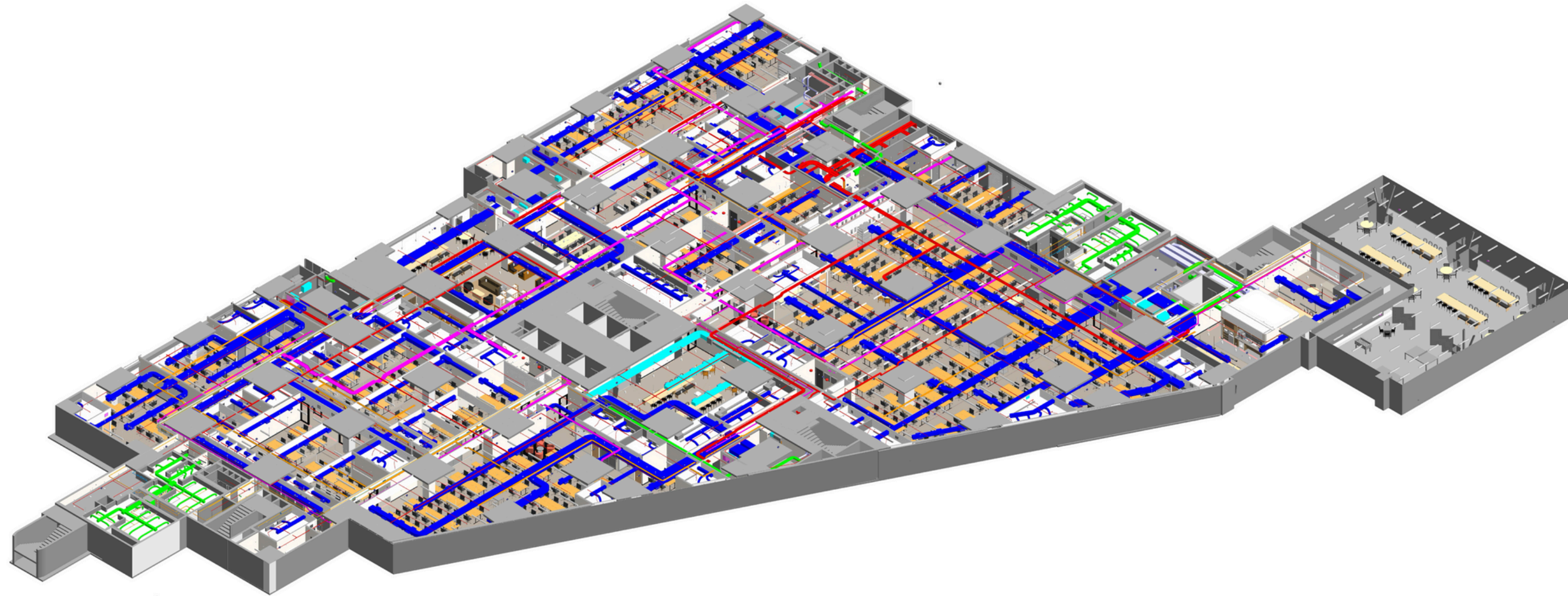
India

Project Type:  
Office Building

## Scope of work:

MEP Design  
BIM for MEP  
LOD 350

4 Projects







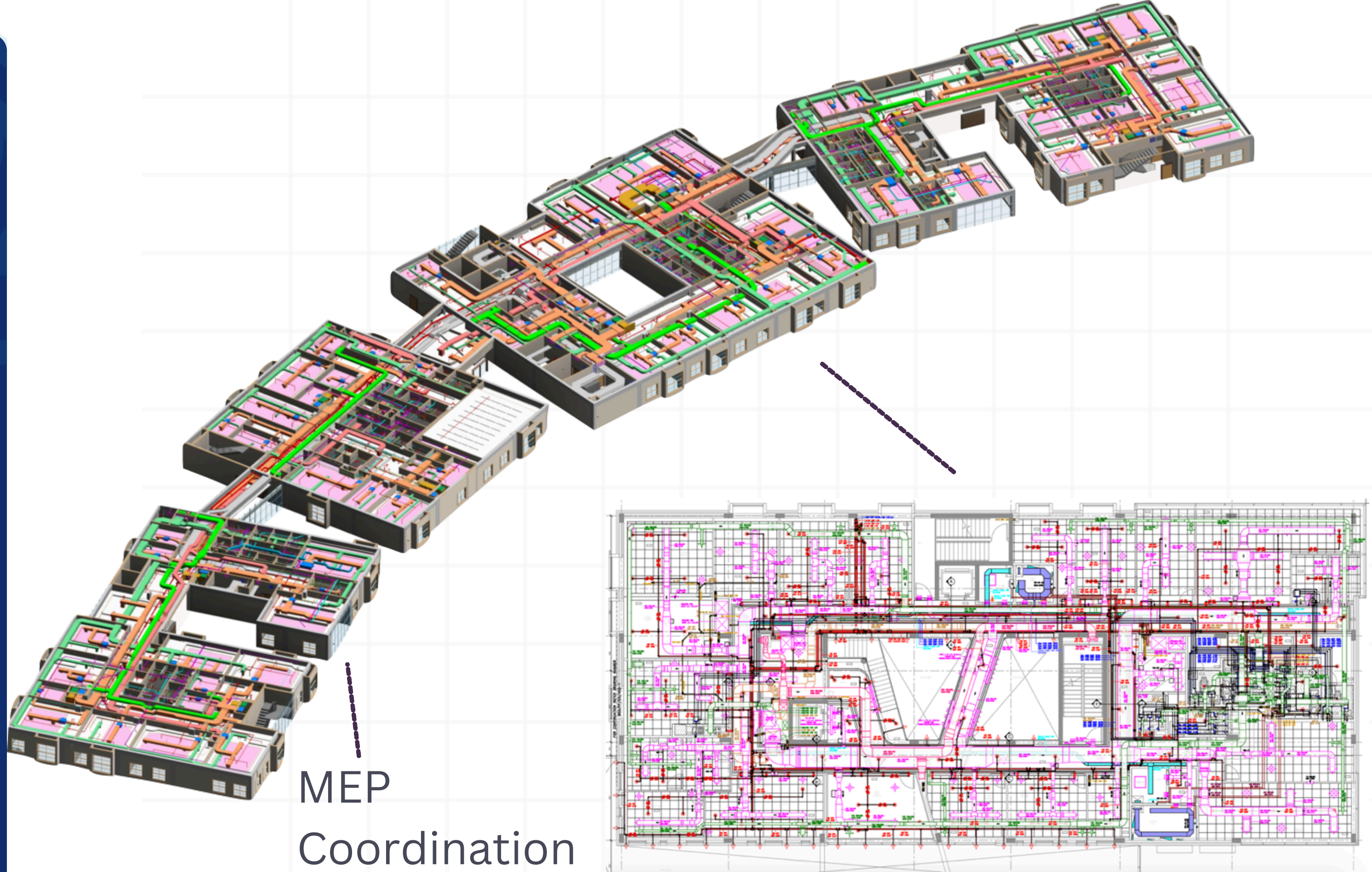
Al-Wafa School  
Sharjah, UAE

Size: 900,000 SFT

Project Type:  
Educational Building

Scope of work:

MEP Model Coordination &  
Quantification

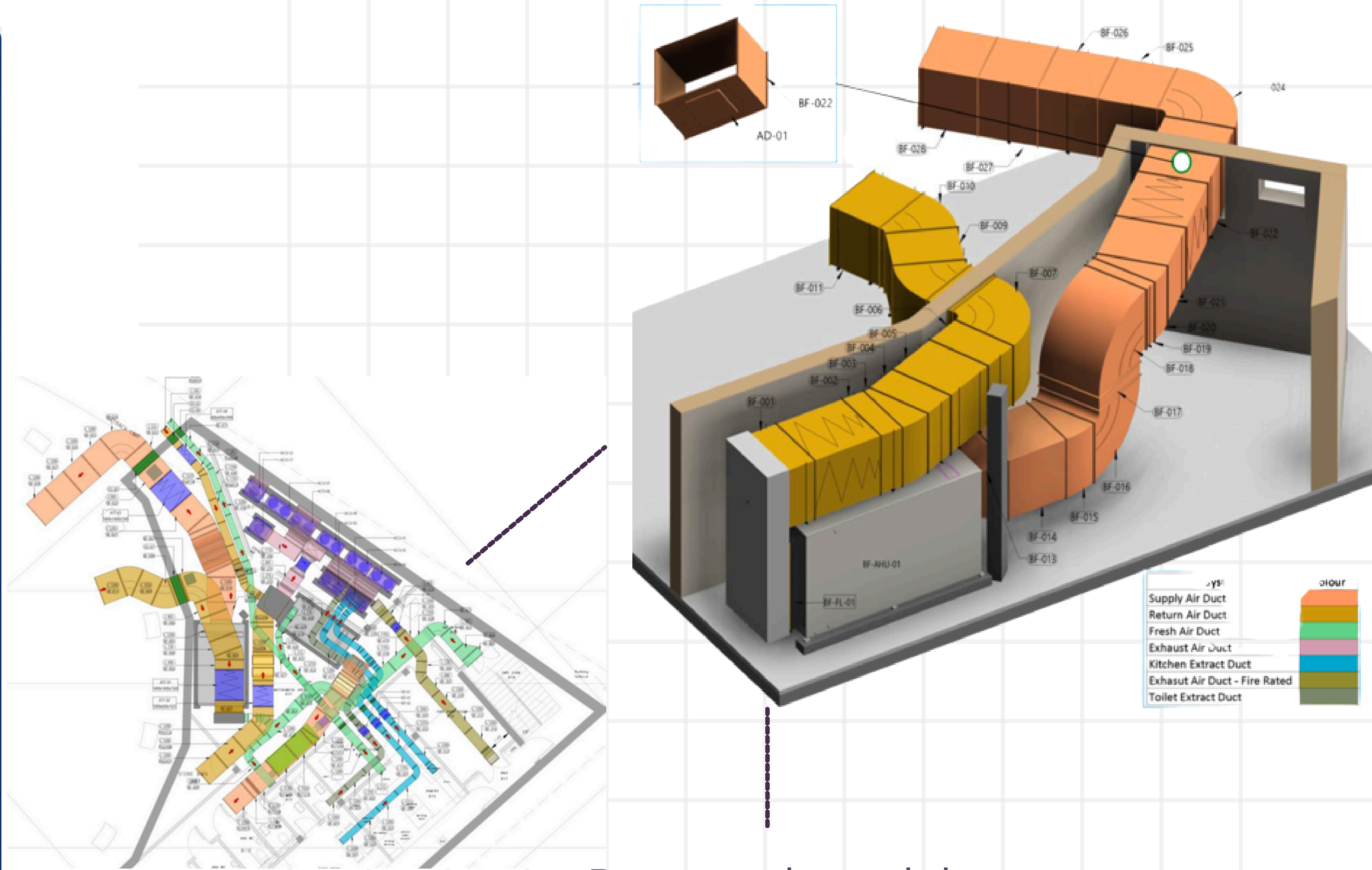


MEP  
Coordination  
Work





# MEP Model Coordination & Quantification



# Duct work model

# Salcomp

Salcomp -  
Mobile Assembly /  
Manufacturing Plan

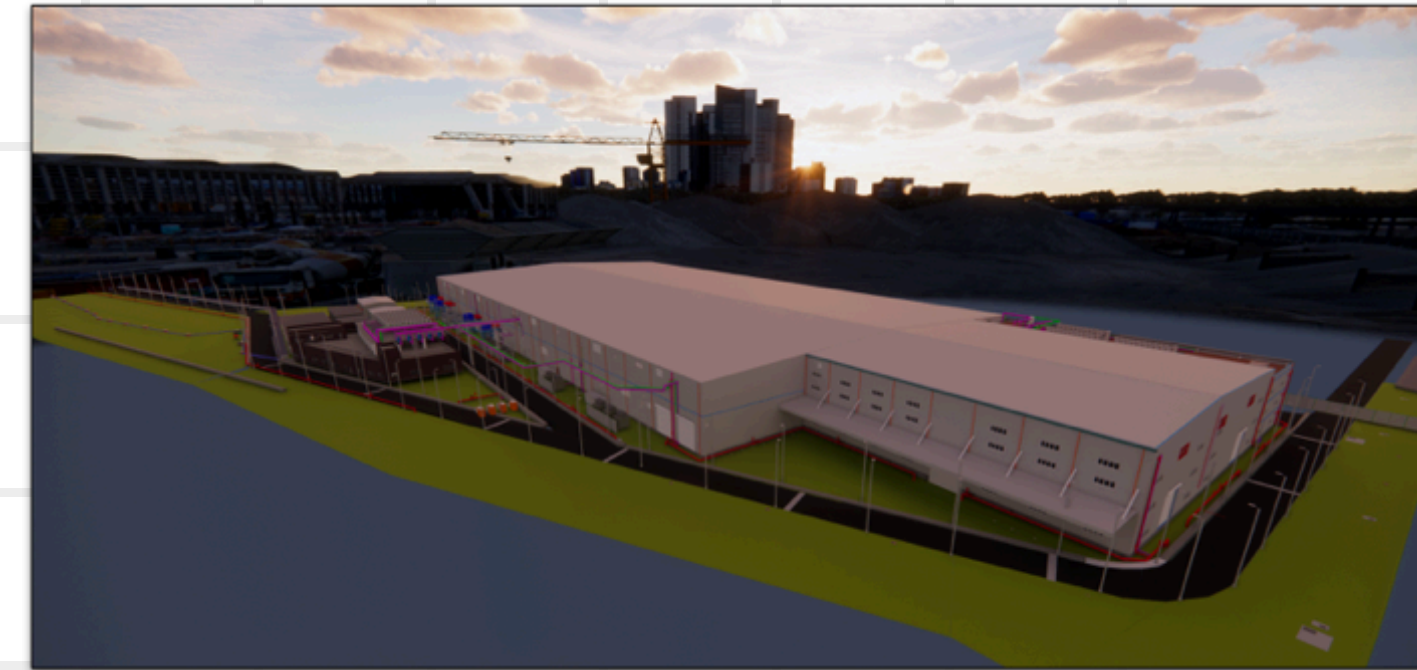
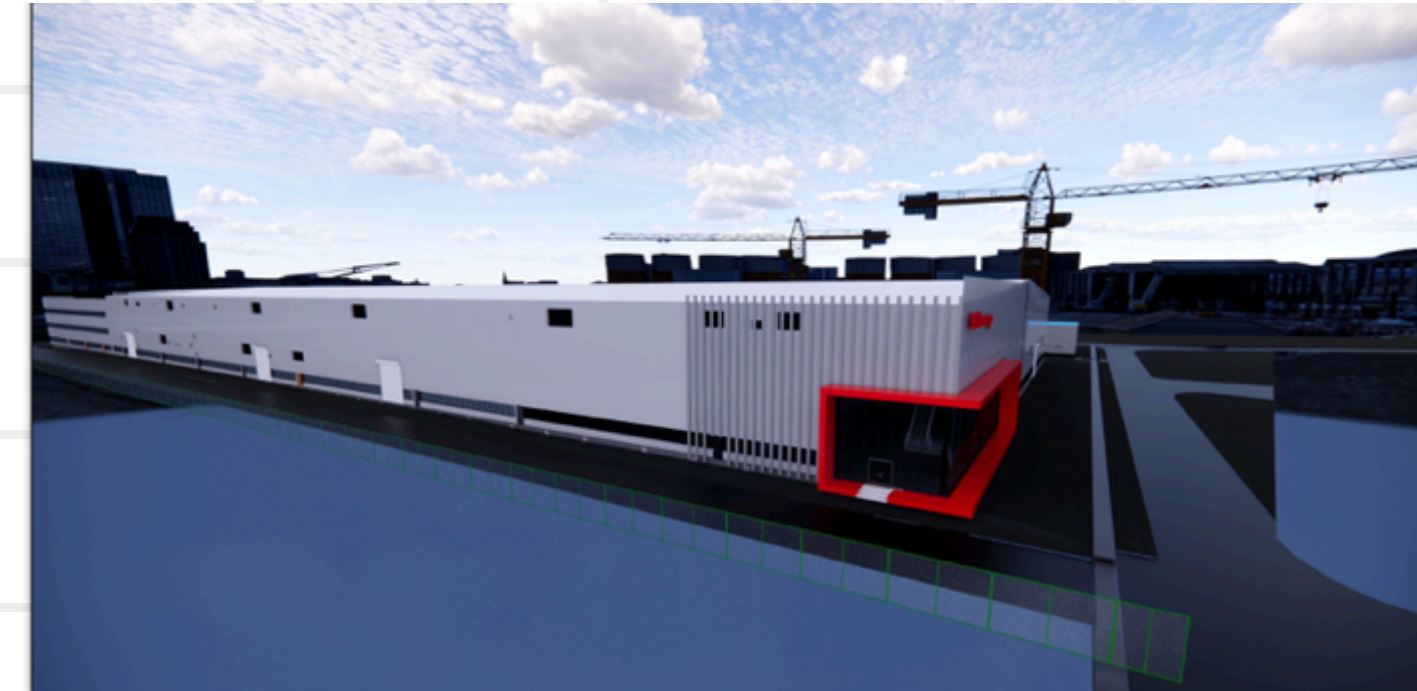
Chennai, India

Size: 700,000 SFT

Project Type:  
Industry

Scope of work:

PEB Modelling + Civil Drawing  
Extraction + MEP Modelling



## UHD Rendered Images



# Sustainability





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



**PROVEN**  
**PROVIDER™**

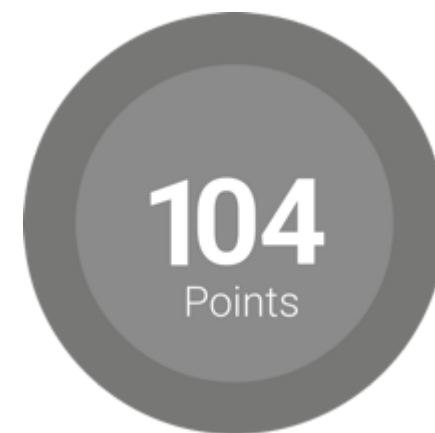




## GREEN TEXTILE LTD

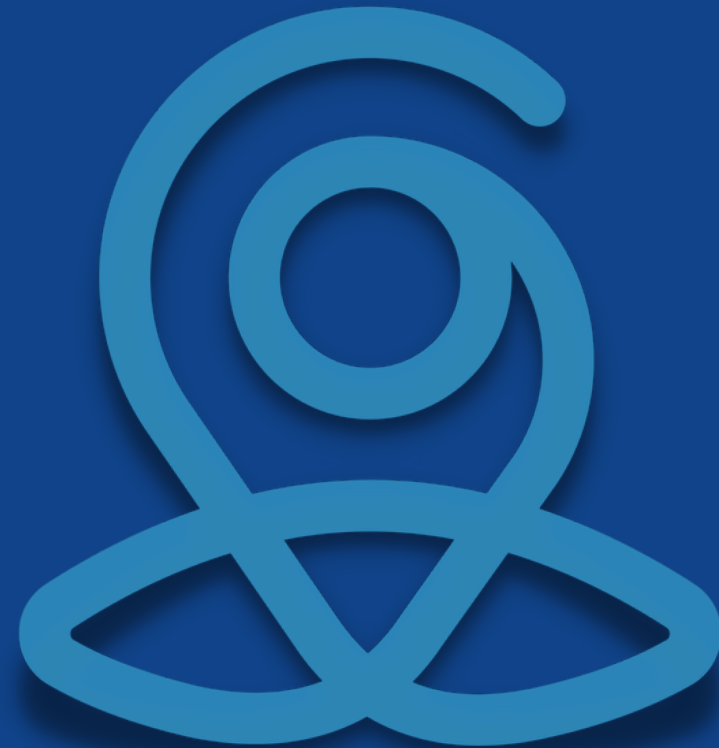
Kadda Bazar, Gazipur Sadar,  
Bangladesh.

*Project size: 75,000 sq ft*



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

# 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





# COGNIZANT ILP 2

Coimbatore, Tamilnadu,  
India

Project Size: 173,480 sq ft



➤ Points Achieved

74/110

➤ Certified on

March, 2022

➤ Version

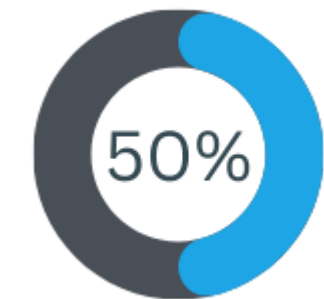
LEED v4

➤ Category

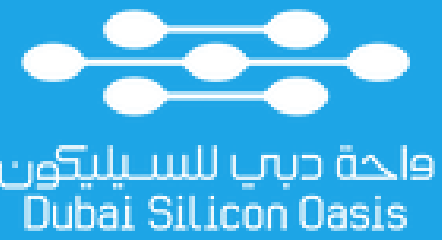
ID+C: Commercial Interiors



Energy Improvement



Water Efficiency



# 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



# 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](http://www.innowellgroup.com)

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Hyderabad,  
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☎ +91 62815 97156

For detailed information, contact concerned account manager.



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