

# INNOWELL ENGINEERING INTERNATIONAL PVT LTD

• BENGALURU • CHENNAI • SIVAKASI • HYDERABAD • DHAKA



## INNOWELL

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

## BIM Profile - Middle East Projects

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







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



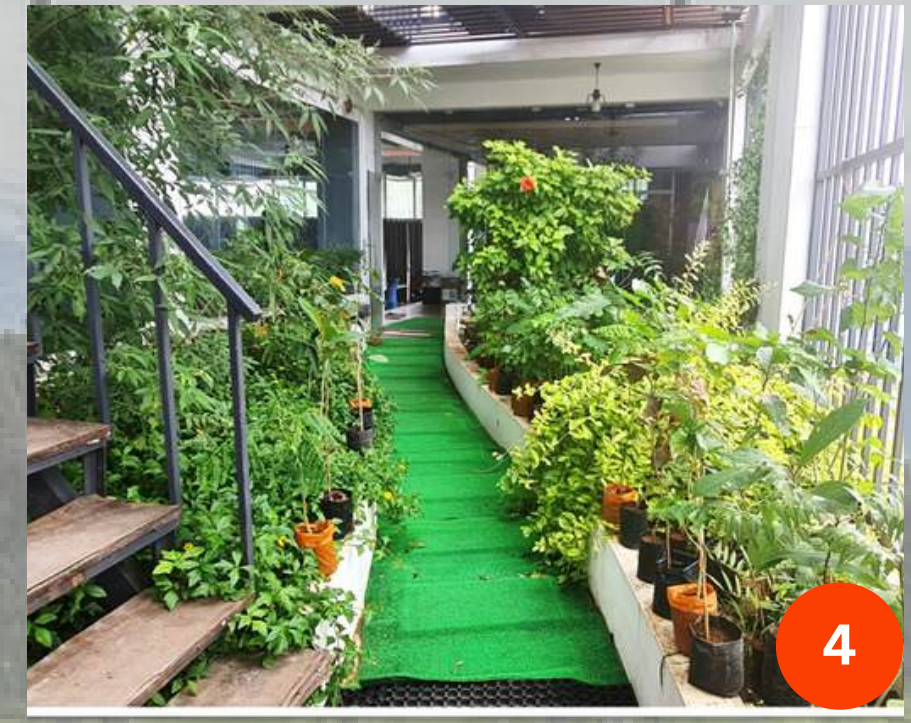
**PROVEN**  
**PROVIDER™**



# 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



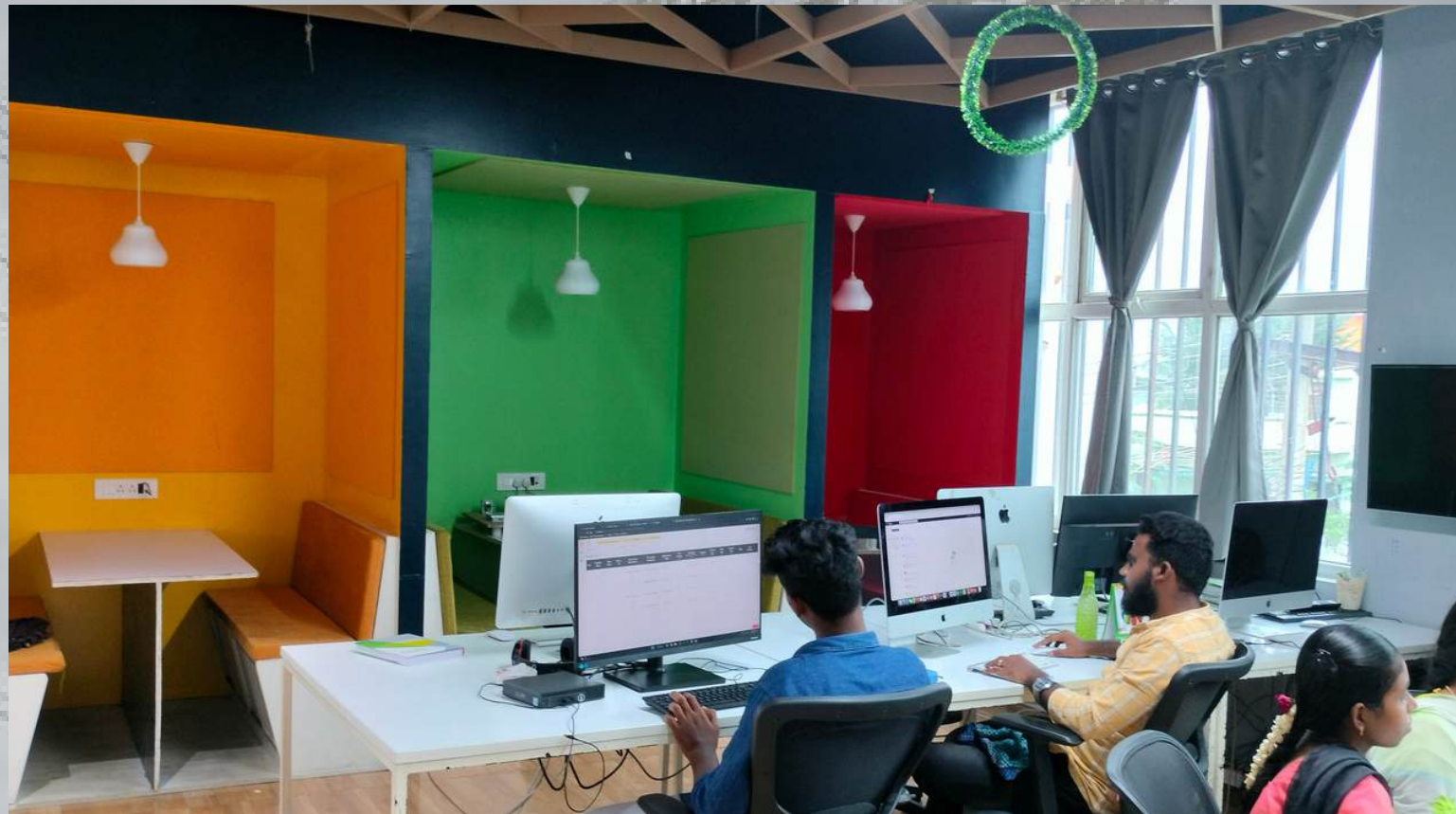
1. Solar Panel

2. Reused materials, ergonomic workstation.

3. Daylight design, hydration plants, aesthetic wall arts

4. Nature incorporated roof garden





Acoustical Quiet Zone



Aesthetic Stair



Proper Lightings



Stage for Celebration





Recycled wood furniture



Certified on



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



For our dedication to the  
**Planet, People, and  
Environment**



**INNOWELL**



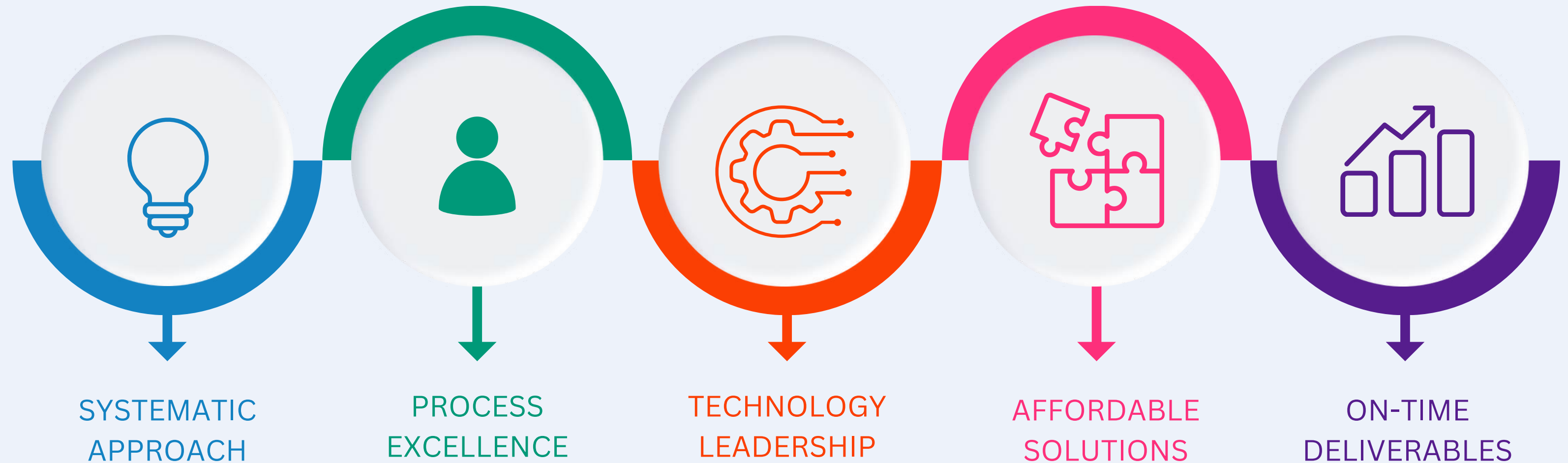
# THE WORLD'S HIGHEST LEED CERTIFIED

under v4.1 EB O&M Category





# Why Innowell





# What we do



## MEP

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



## BIM

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

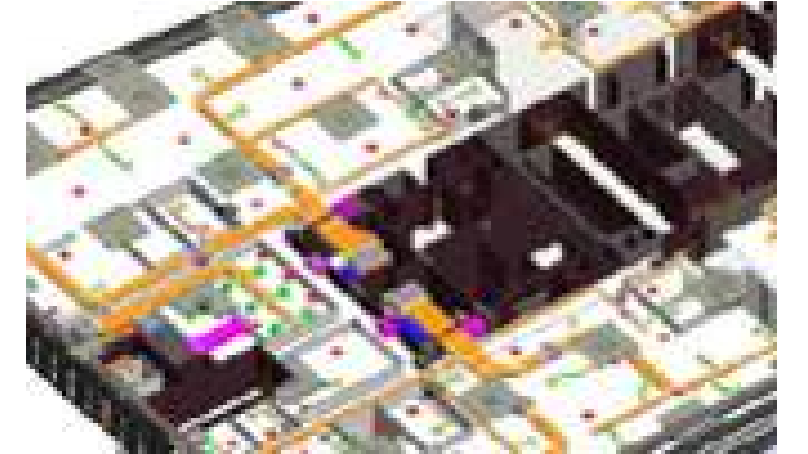
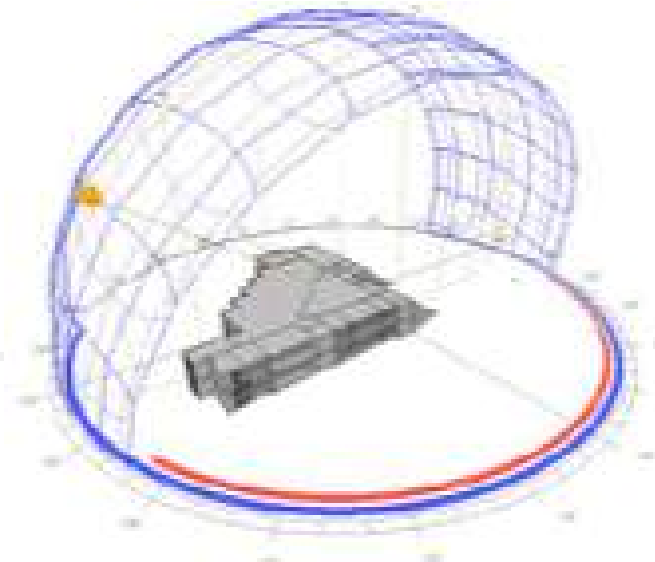
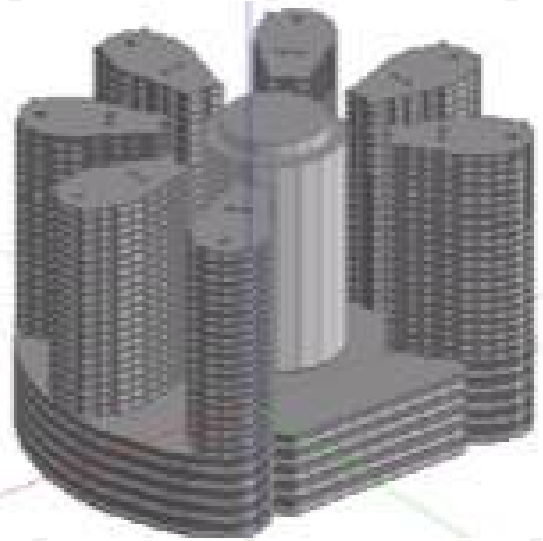


## Sustainability

- LEED
- IGBC
- GRIHA
- WELL
- Carbon Reduction Programme
- Energy Audit



# How we do





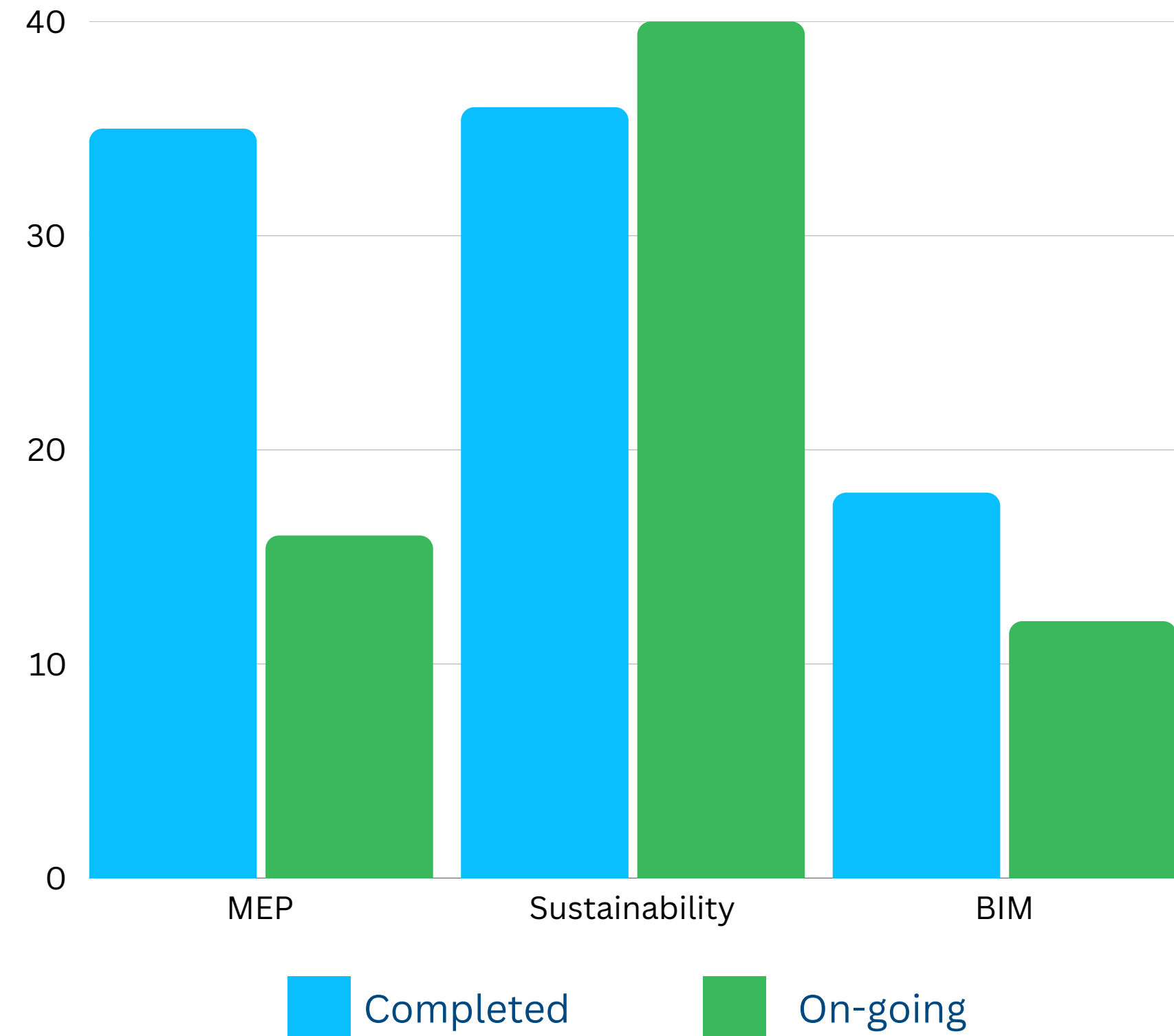


## Our Market Segments

- 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

# Project Accomplishment

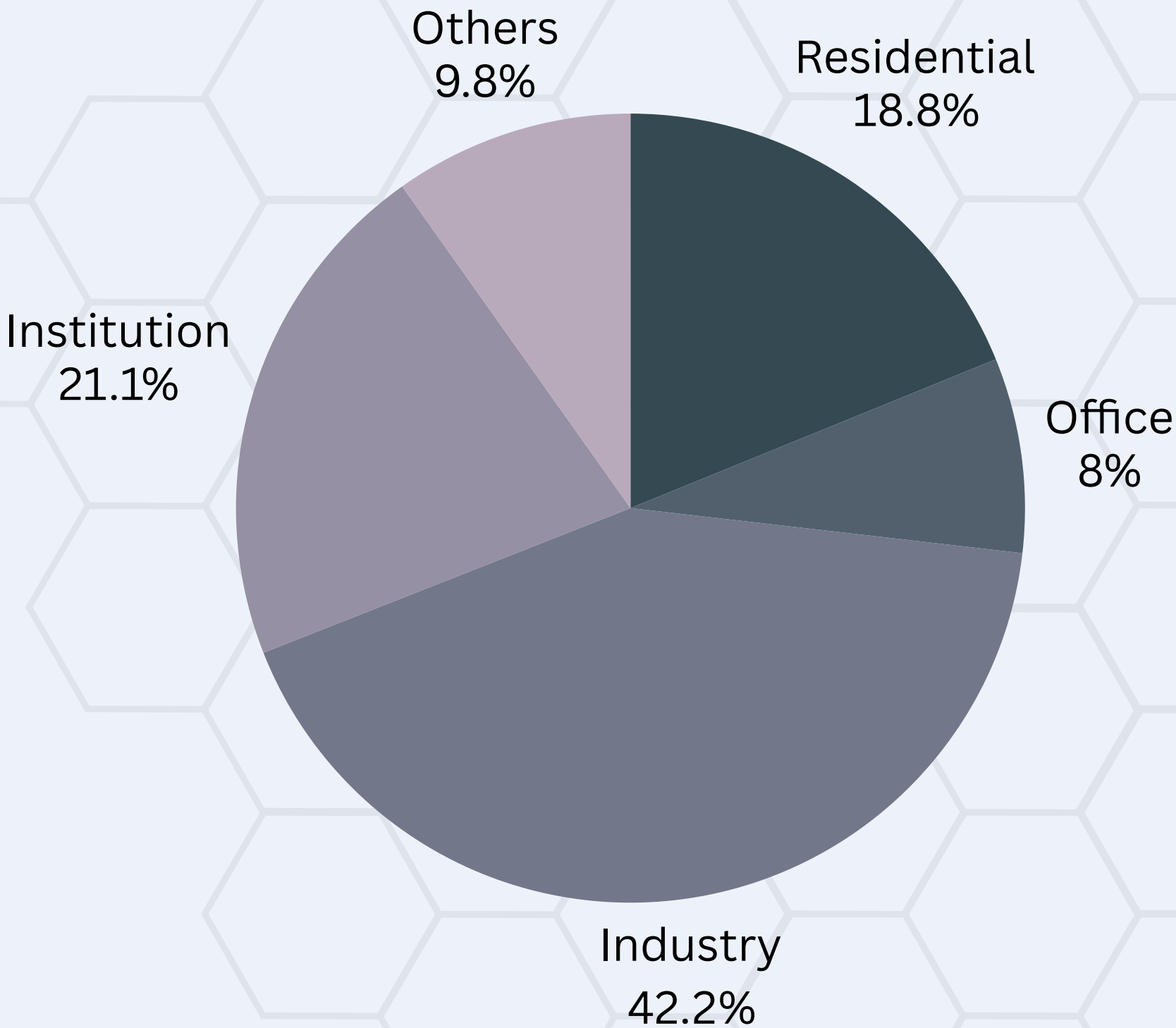
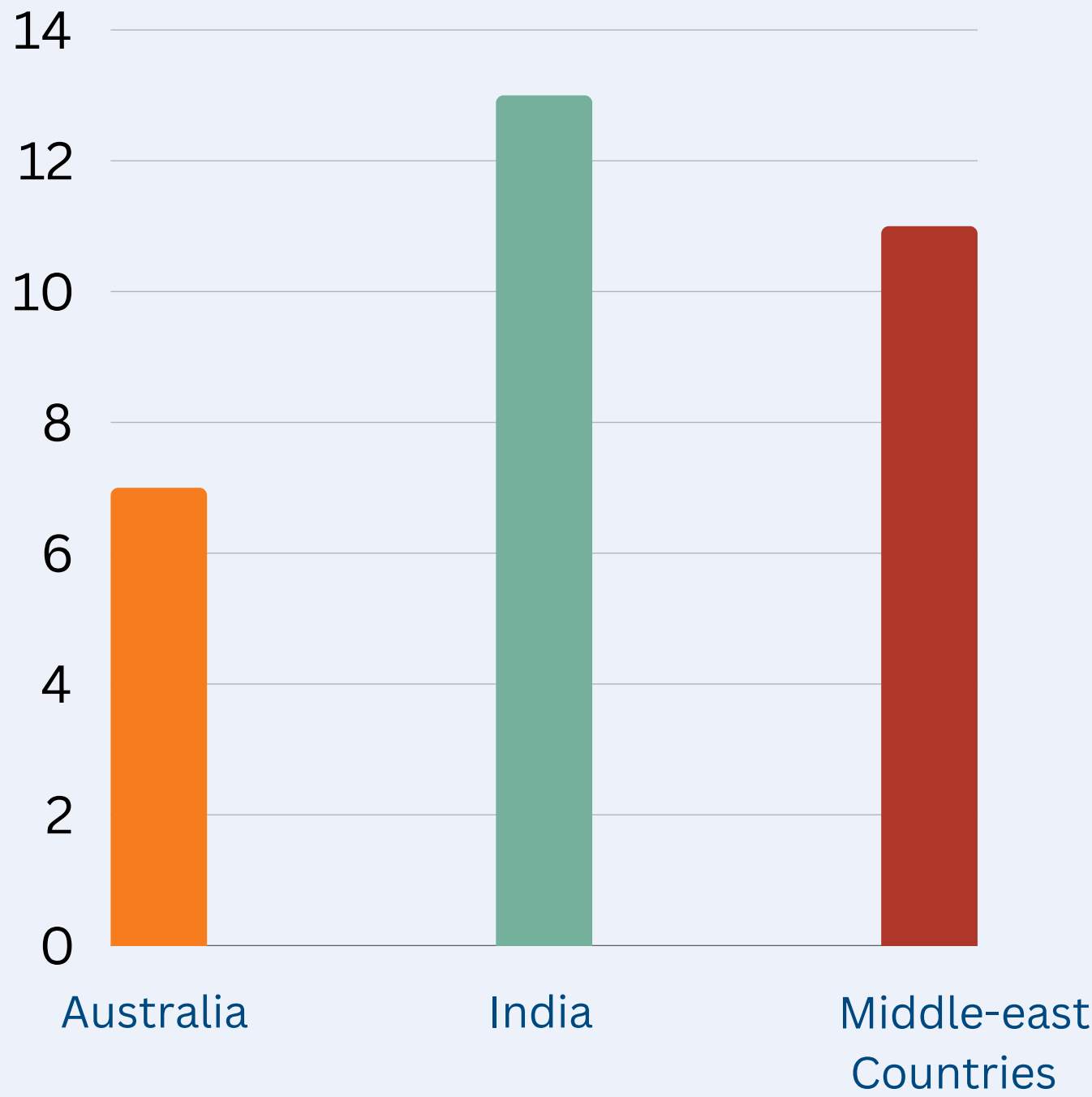
Project Size  
in Mn SFT





# Project Accomplishment

Project Size  
in Mn SFT





# Leadership Profile



**Gunasekaran**

Director

LEED AP, WELL AP, WELL PTA



**Sengathir Selvan**

Director

Certified Data Centre Specialist  
Certified Cleanroom professional



**Sankareswari**

Director



**Samuel**

Associate Director



**Regobert**

Associate Director

IGBC AP



**Pandidurai**

Manager,  
BIM

IGBC AP



**Thalaiselvam**

Manager,  
Corporate Sustainability

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

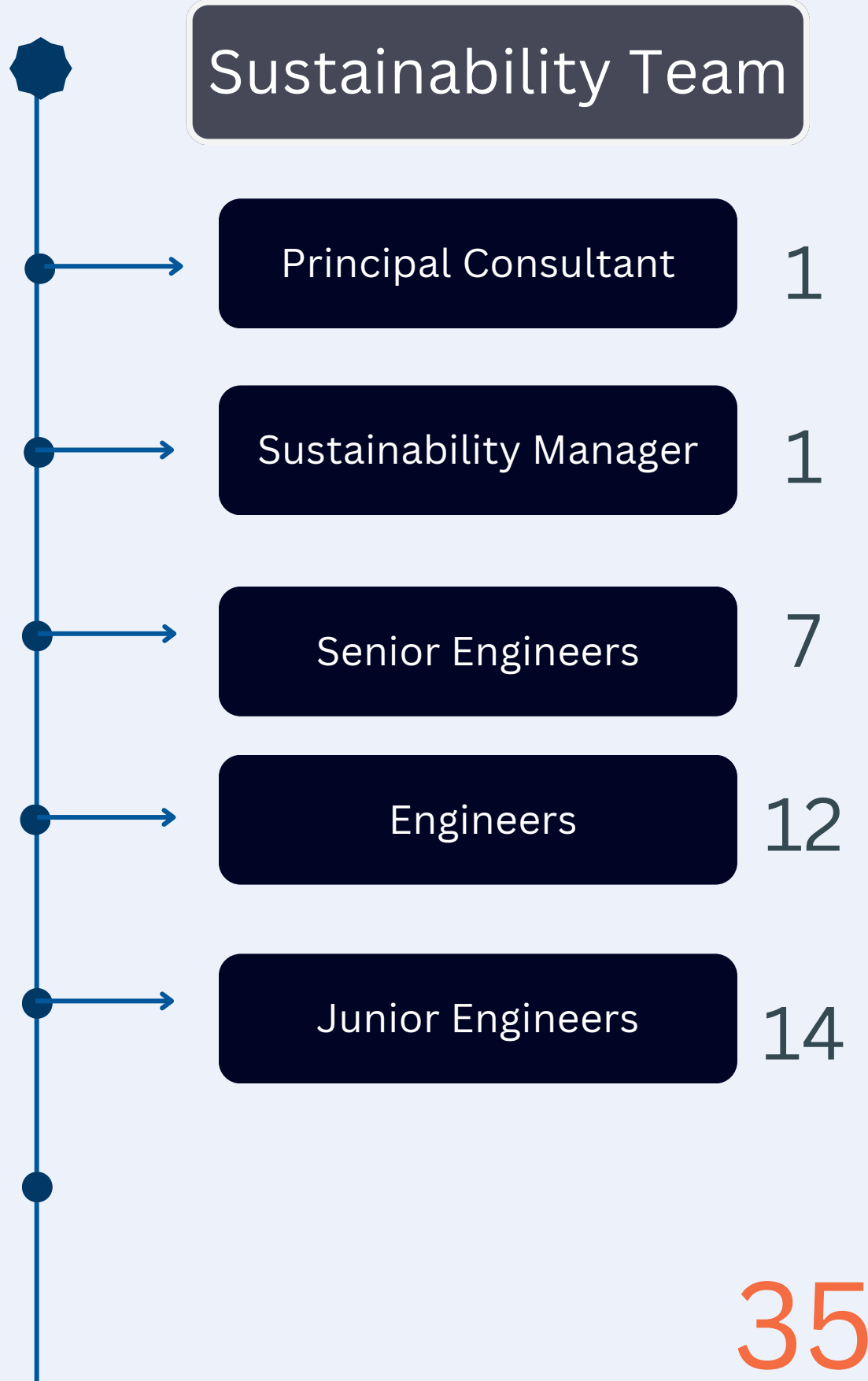


**K.Kalliani**

Principal Engineer -  
Electrical

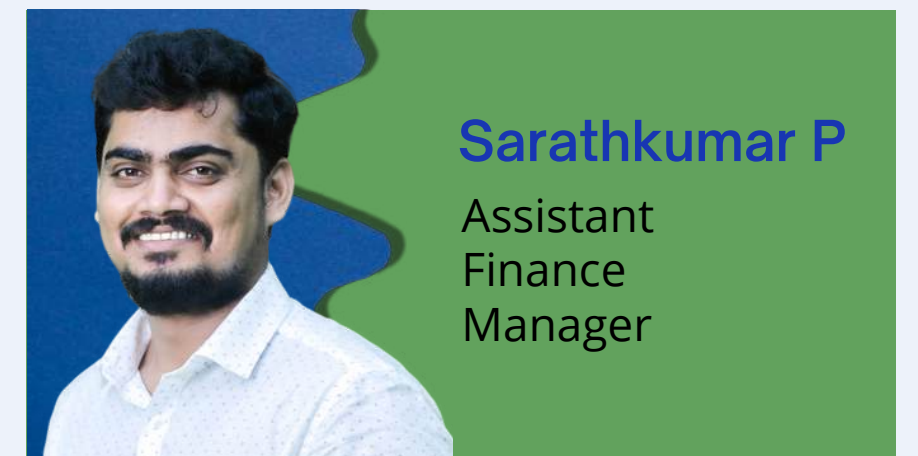


# Our Team Strength





# Rising Leaders







# Building Information Modelling 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

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



We are familiar with

The software we utilising for our projects

Design Tools



Presentation Tools



Collaboration Tool



Documentation Management Platform





# Our Work Flow/Approach





BIM Engineers, supported  
by in-house MEP design experts

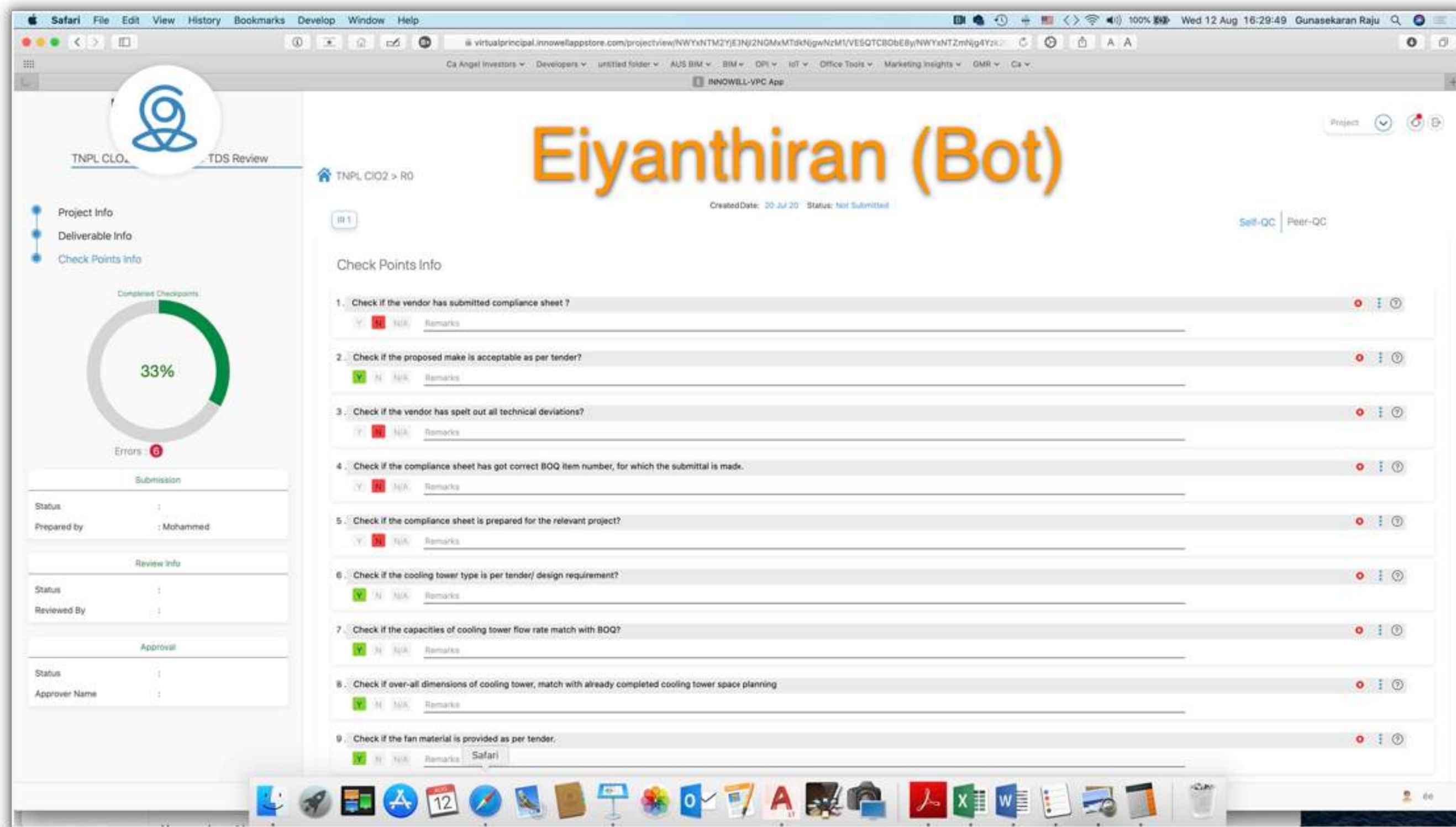
8 Years of BIM experience,  
early adopter

Virtual Principal Consultants -  
Online Quality Check platform

BIM execution plan  
in our own online platform

Expertise in collaborating tools  
(BIM 360, Revizto)

Detailed trainings manuals  
for our staff





# BIM Models

HVAC Model



Electrical Model



Architecture Model



Plumbing & Fire  
Evacuation Model





An aerial view of a futuristic city skyline at dusk. The sky is a mix of orange and blue. In the center, a tall, slender tower rises, topped with a large, circular, metallic structure that resembles a ring or a bridge. The city is filled with various skyscrapers and buildings, some of which are illuminated. In the foreground, a complex network of highways and roads is visible, with many cars driving on them. The overall scene is one of a modern, advanced urban environment.

# MIDDLE EAST PROJECTS



# Elvira Tower

Dubai, UAE

Size: 10,00,000 sq.ft  
14 Floors

Project Type:  
Residential Building

Scope of work:

MEP BIM LOD100, 200 &  
300



# Address The Bay

Dubai, UAE

Size: 12,00,000 sq.ft  
63 Floors

Project Type:  
Residential Building

Scope of work:

MEP BIM LOD100, 200 &  
300



On Going



# Park Hyatt Hotel

**KSA**

Size: 8,00,000 sq.ft  
G+2+Roof

Project Type:  
Hotel Building

Scope of work:

MEP BIM LOD 200 & 300



رؤية VISION  
2030  
المملكة العربية السعودية  
KINGDOM OF SAUDI ARABIA

On Going



# EOME Villas

Dubai

Size: 7,00,000 sq.ft

Project Type:  
Villa Building

Scope of work:  
MEP CAD IFC



On Going



# KAFD Parcel A11

KSA

Size: 14,00,000 sq.ft

Project Type:  
Residential Building

## Scope of work:

Car Park Building MEP  
BIM LOD200, 300 & IFC



On Going



# KAFD Parcel A11

KSA

Size: 14,00,000 sq.ft

Project Type:  
Residential Building

## Scope of work:

Car Park Building MEP  
BIM LOD200, 300 & IFC



On Going



# NEOM City Water Plant

KSA

Size: 10,00,000 sq.ft

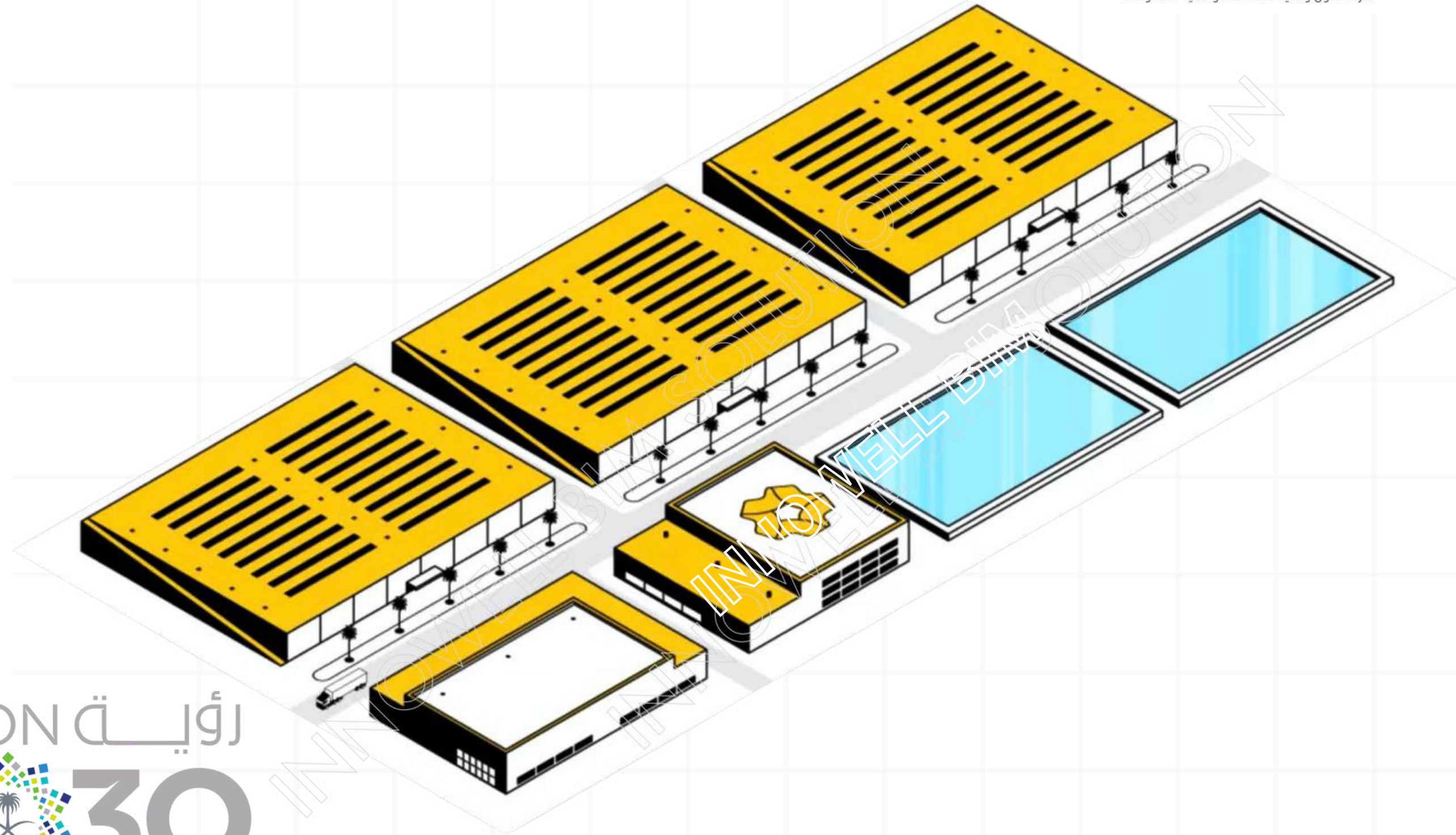
Project Type:  
Water Plant Building

Scope of work:

SECURITY SYSTEM BIM  
LOD 200 & 300



NEOM







# Al-Wafa School

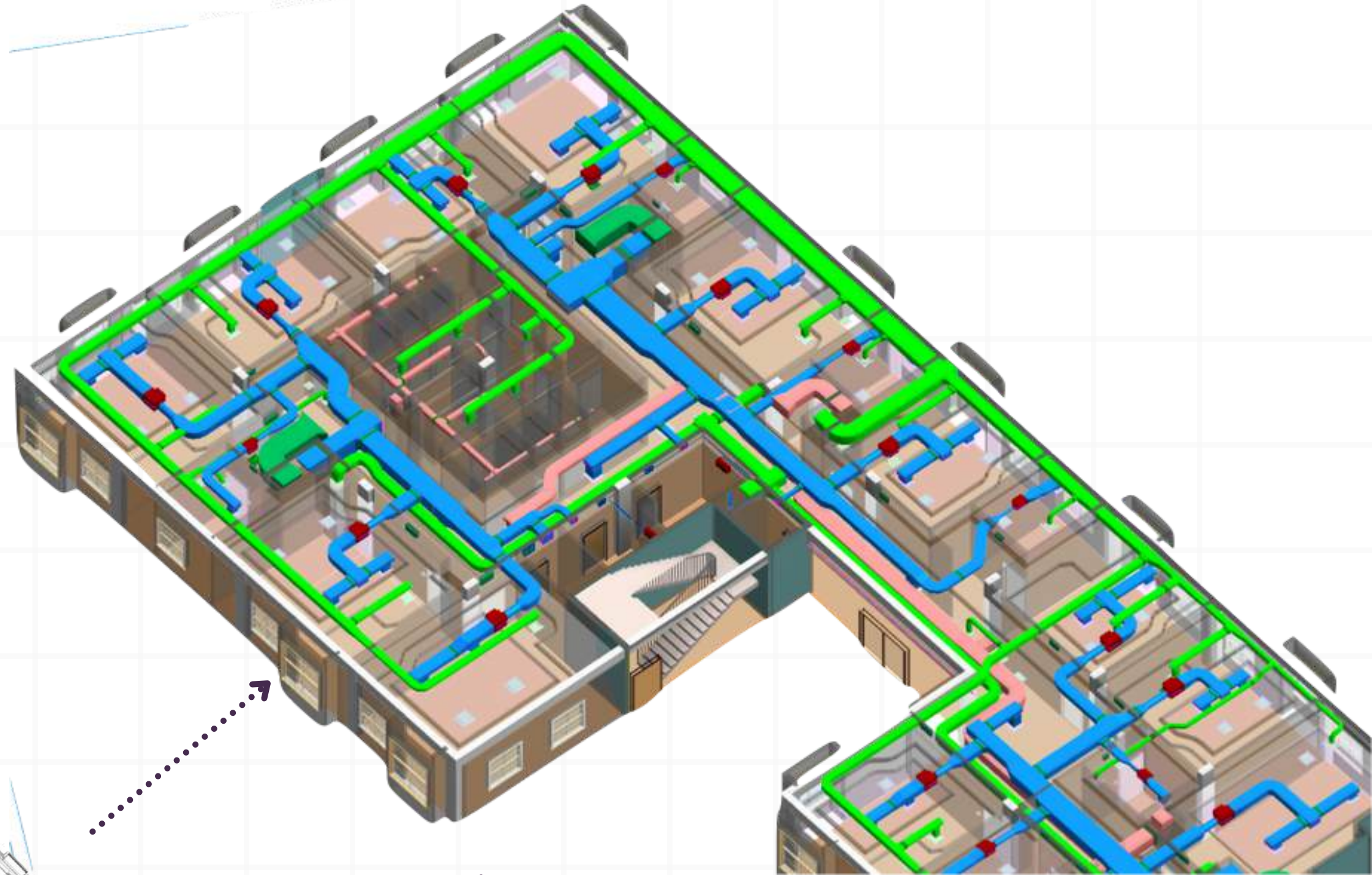
Sharjah, UAE

Size: 900,000 SFT

Project Type:  
Educational Building

## Scope of work:

MEP Model Coordination &  
Quantification



Duct work sample





Al-Wafa School

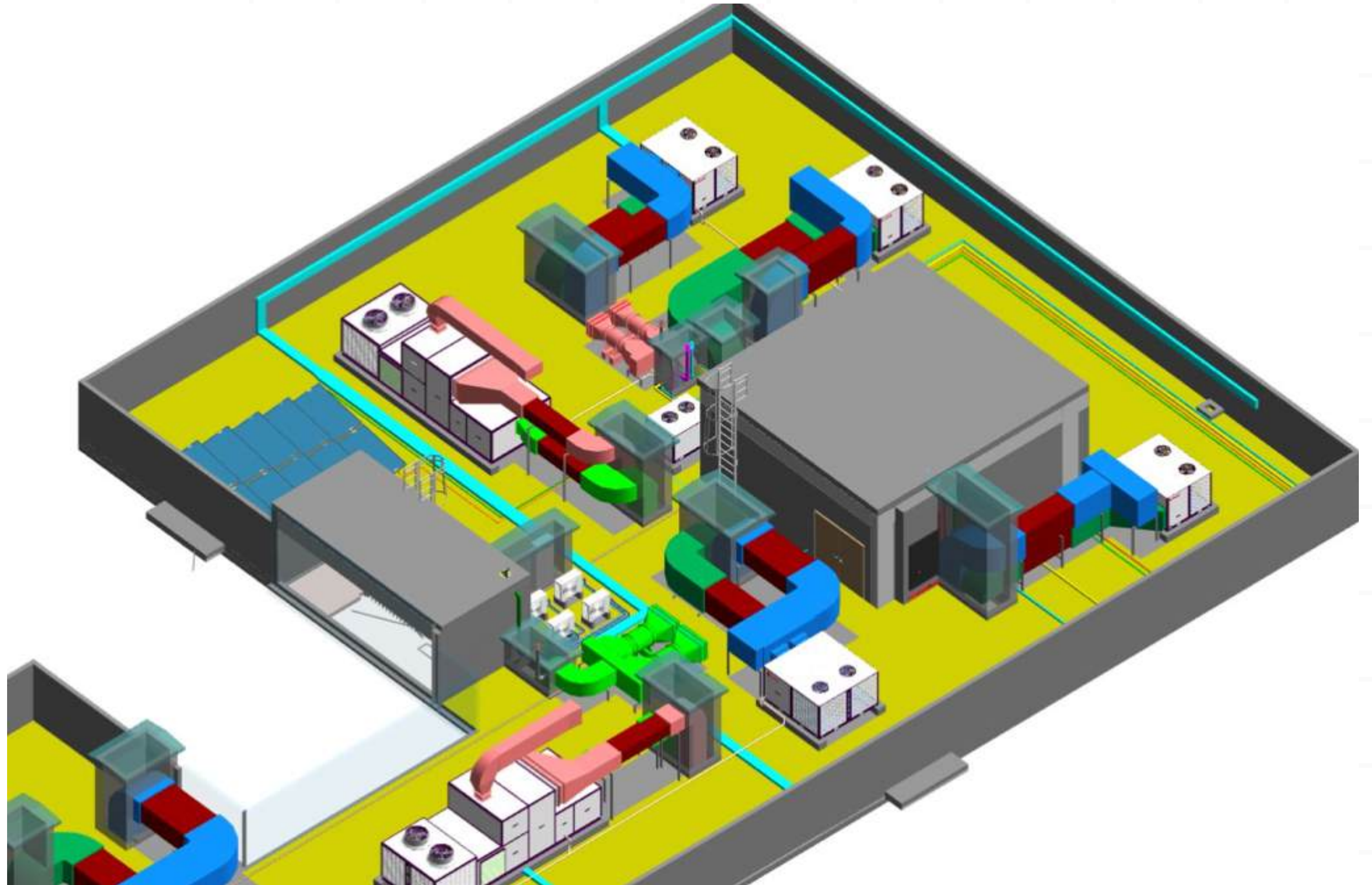
Sharjah, UAE

Size: 900,000 SFT

Project Type:  
Educational Building

Scope of work:

MEP Model Coordination &  
Quantification



⋮  
Roof HVAC plant to model









# Al-Wafa School

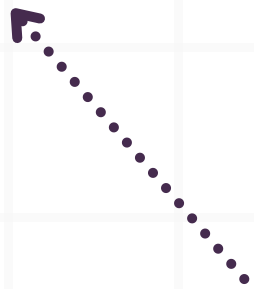
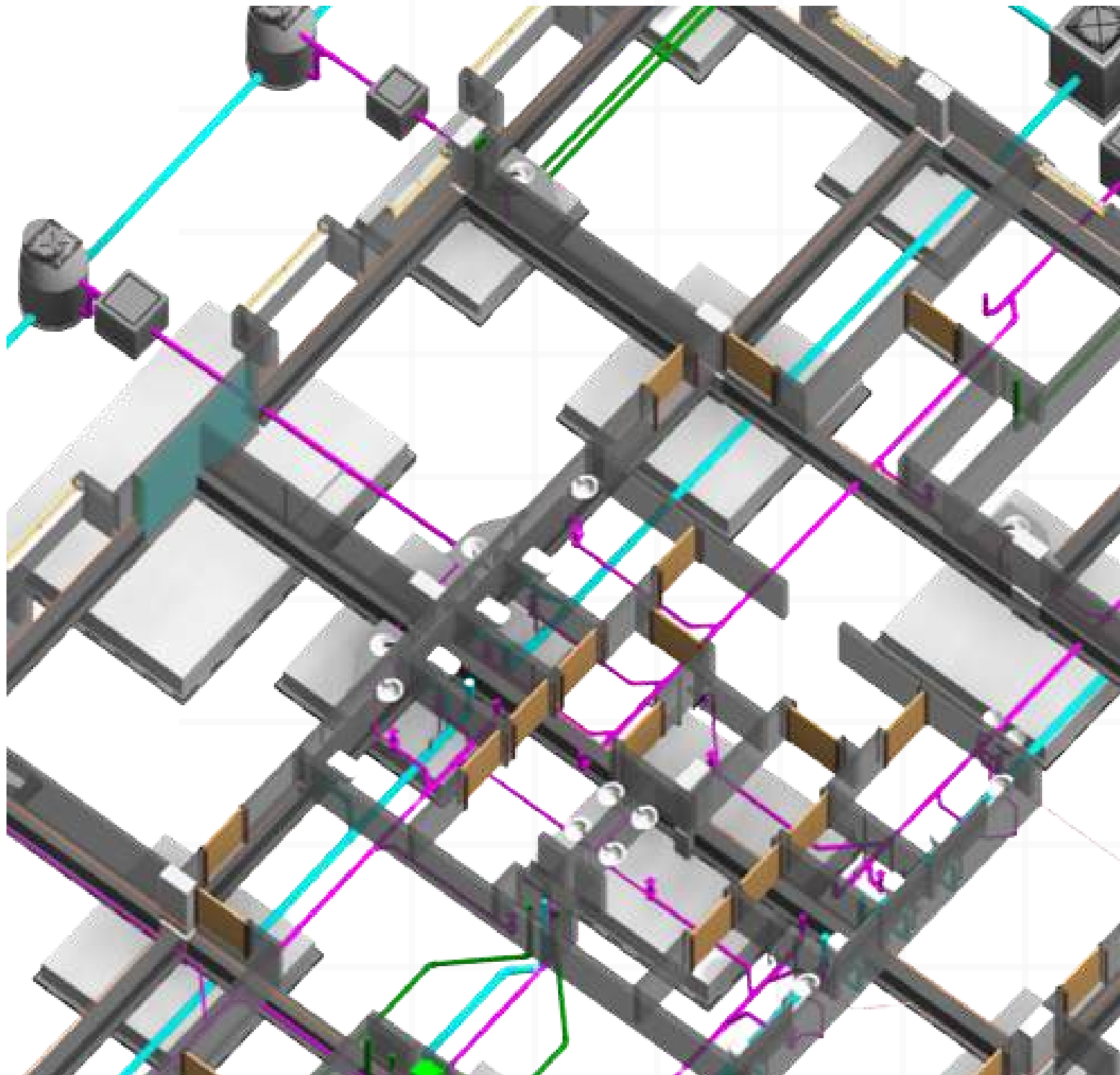
Sharjah, UAE

Size: 900,000 SFT

Project Type:  
Educational Building

Scope of work:

MEP Model Coordination &  
Quantification



Drainage Pipe  
Work





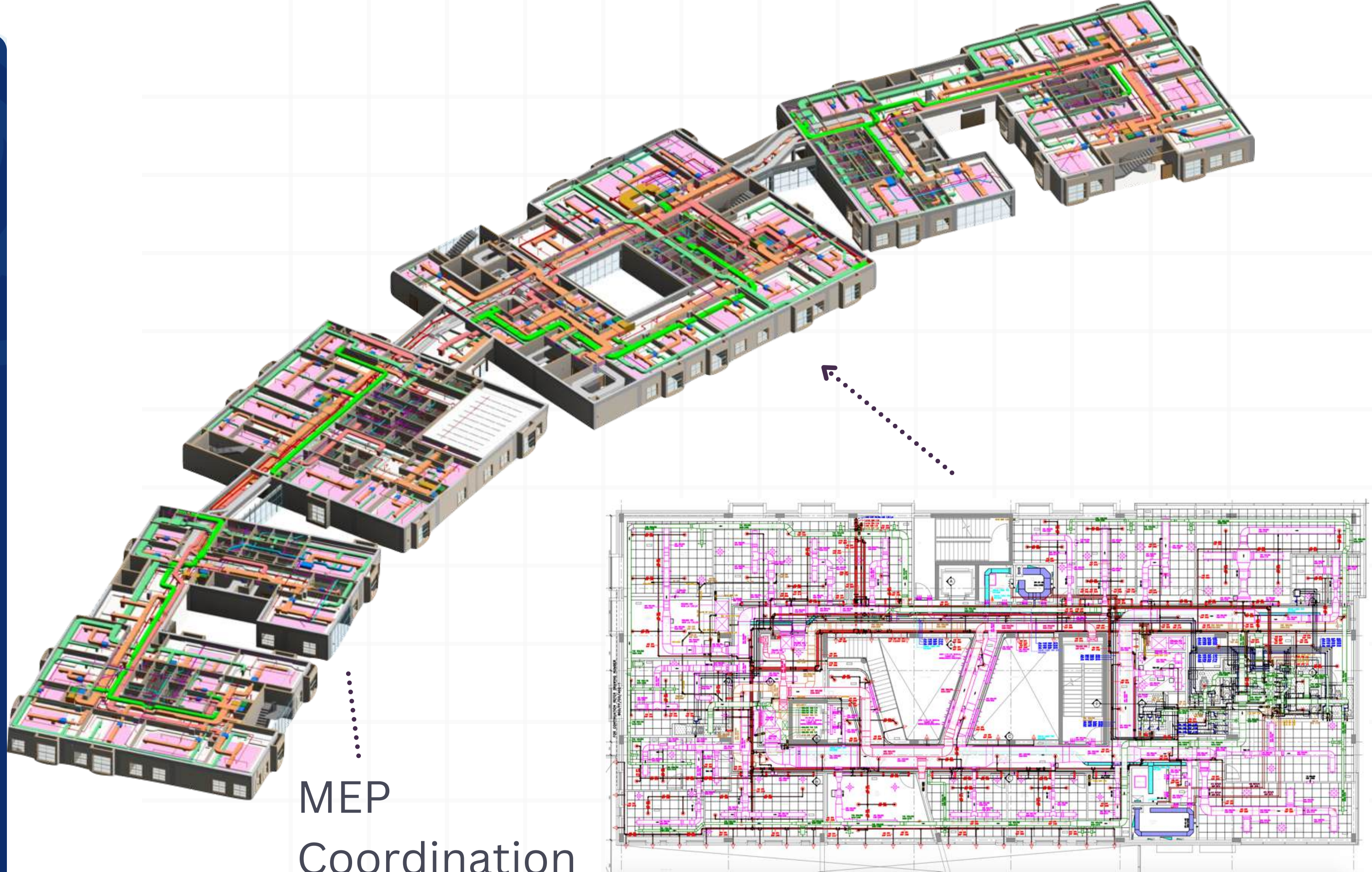
Al-Wafa School  
Sharjah, UAE

Size: 900,000 SFT

Project Type:  
Educational Building

Scope of work:

MEP Model Coordination &  
Quantification



MEP  
Coordination  
Work





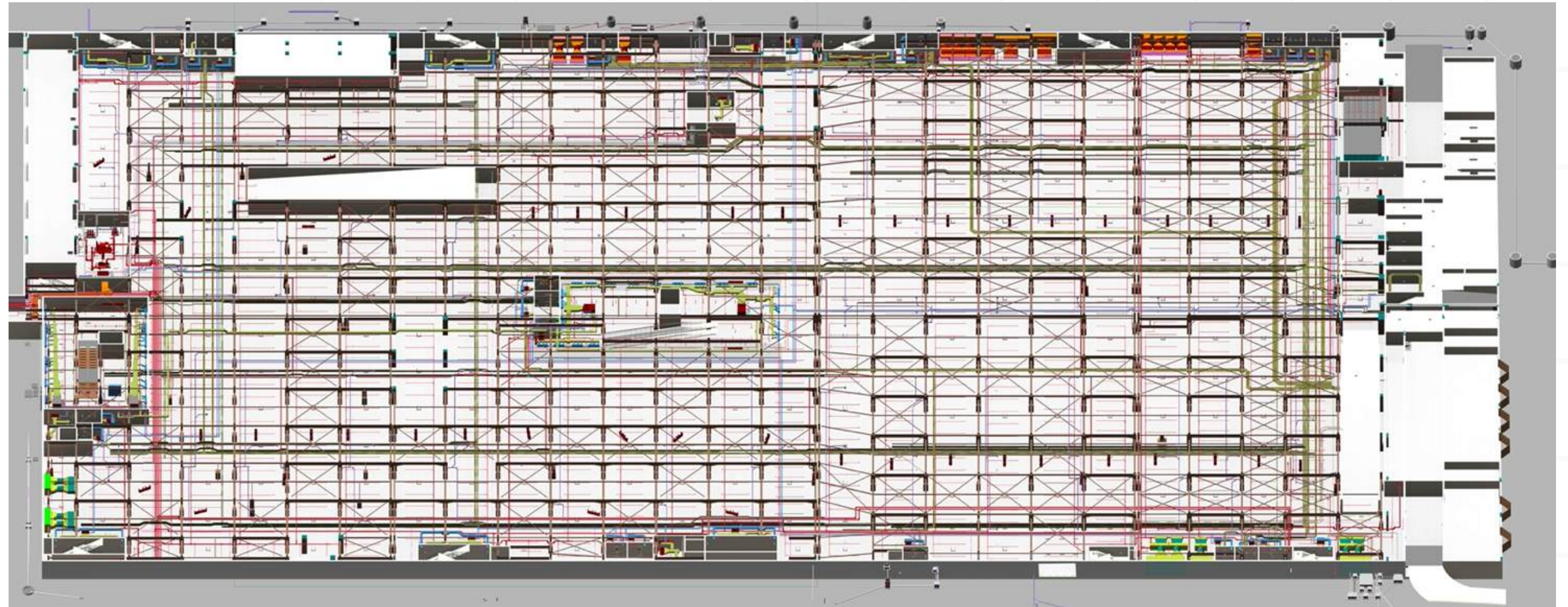
# Al-Wafa School Sharjah, UAE

Size: 900,000 SFT

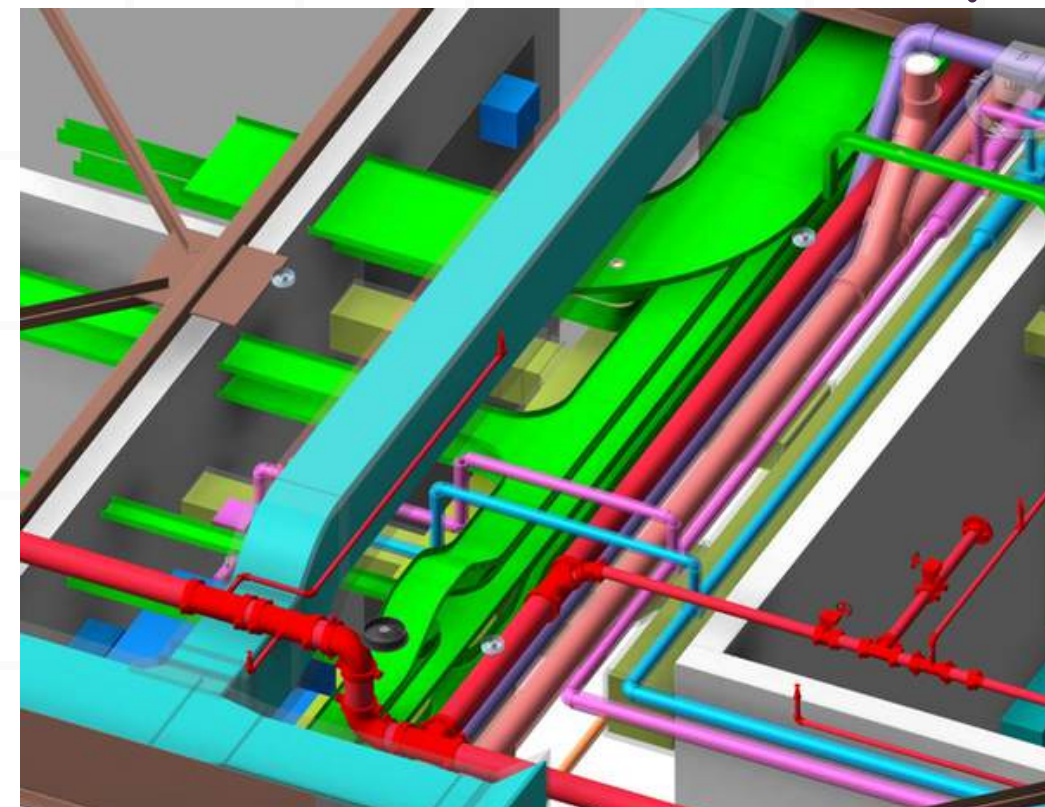
Project Type:  
Educational Building

## Scope of work:

MEP Model Coordination &  
Quantification



MEP  
Coordination  
Work



INNOWELL





# Al-Wafa School

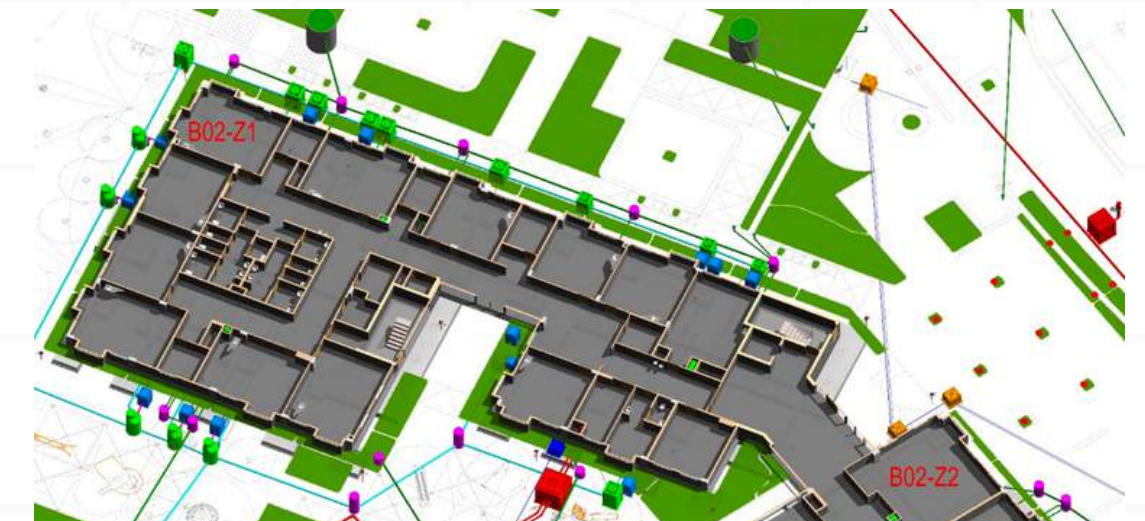
Sharjah, UAE

Size: 900,000 SFT

Project Type:  
Educational Building

Scope of work:

MEP Model Coordination &  
Quantification



## External Coordination





Al-Wafa School

Sharjah, UAE

Size: 900,000 SFT

Project Type:  
Educational Building

Scope of work:

MEP Model Coordination &  
Quantification



Fire Pump Room





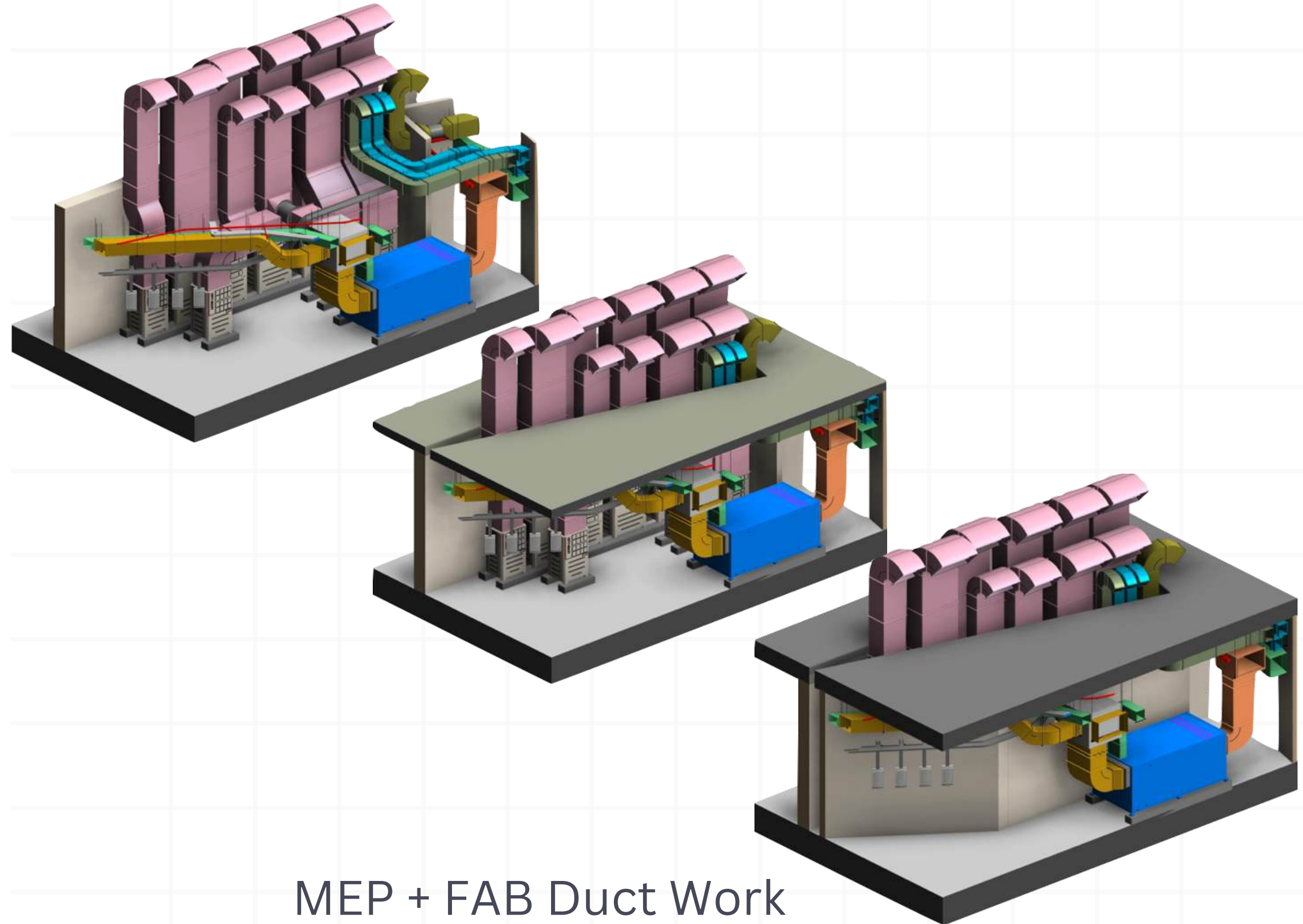
Al-Wafa School  
Sharjah, UAE

Size: 900,000 SFT

Project Type:  
Educational Building

Scope of work:

MEP Model Coordination &  
Quantification



MEP + FAB Duct Work



*Elvira*

## Elvira Tower

Dubai, UAE

Size: 1,000,000 SFT

Project Type:

Residential Building

Scope of work:

MEP BIM LOD 100,  
200 & 300



Number of Floors: 14



# Find Our MEP supporting platform







Visit: [www.inakkam.com](http://www.inakkam.com)



Users

Projects

Dashboard

Project Tools

Project Name : Enthiran Project - 1

Project Id : IND-1221-2034

Project-wise

Stand-alone

one platform, many solutions

Add Project

Type tool name, vertical, system...

Search Tools

Recently opened tools

All Tools

↓ A to Z

↑ Z to A

System

All

HVAC

Electrical

Plumbing

General

VAV Sizing Selection

HVAC

Air Distribution System

Air Terminal Selection

HVAC

Air Distribution System

Duct Sizer

HVAC

Air Distribution System

Toilet Ventilation

HVAC

Air Distribution System

UPS Selection

Electrical

Power Supply System

HVAC Equipment Selection

HVAC

Air Distribution System

Battery Room Ventilation

HVAC

Air Distribution System

Electrical Load Calculation

Electrical

Power Supply System

Breaker Calculation

Electrical

Power Supply System

Cable Size Calculation

Electrical

Power Supply System

Single Line Diagram

Electrical

Power Supply System

Cable Tray Calculation

Electrical

Power Supply System

Toilet Fixture Calculation

Plumbing

Water Supply System

Water Storage Calculation

Plumbing

Water Supply System

Water Demand Calculation

Plumbing

Water Supply System

Due-diligence tool kit

General

Architectural System

Buy Team Pack And Get 25% Off

It is a long time established in fact that is a

INNOWELL



# We ensuring quality of drawings

Home

Add Project

Project Name : WIPRO

Add Deliverable

WIPRO

QIC EASTCO - 29-12-2021

QIC EASTCO (TEST PROJECT 01)

MELBOURNE QUARTER R1

CSL - HAWARA 611 ELIZABETH STREET, MELBOURNE

QIC EASTCO

MELBOURNE AIRPORT HOTEL

EPWORTH EASTERN REDEVELOPMENT

EPWORTH EASTERN REDEVELOPMENTS

MELBOURNE AIRPORT HOTEL - 02

Deliverables

Revisions R0

No	Drawing Number	Drawing Title	Delivered Date	Team Leader	Engineer	Status
1.	WIPRO-AB-GF-HVAC DUCTING-001	GF-HVAC DUCTING LAYOUT	28 Feb 2022	Vellaisamy	Mariraj	<span>●</span>
2.	WIPRO-AB-GF-HVAC HUB ROOM -002	GF-HVAC HUB ROOM LAYOUT	28 Feb 2022	Vellaisamy	Mariraj	<span>●</span>
3.	WIPRO-AB-GF-HVAC SERVER ROOM -003	GF-HVAC SERVER ROOM LAYOUT	28 Feb 2022	Vellaisamy	Mariraj	<span>●</span>
4.	WIPRO-AB-GF-HVAC PIPING-004	GF-HVAC PIPING LAYOUT	28 Feb 2022	Vellaisamy	Mariraj	<span>●</span>
5.	WIPRO-AB-EXT-HVAC EXTERNAL PIPING-005	EXT-HVAC EXTERNAL PIPING LAYOUT	28 Feb 2022	Vellaisamy	Mariraj	<span>●</span>
6.	WIPRO-AB-GF-HVAC CHILLER PLANT ROOM-006	GF-HVAC CHILLER PLANT ROOM LAYOUT	28 Feb 2022	Vellaisamy	Mariraj	<span>●</span>
7.	WIPRO-TER-GF-HVAC COOLING TOWER LAYOUT-007	TER-HVAC COOLING TOWER LAYOUT	28 Feb 2022	Vellaisamy	Mariraj	<span>●</span>
8.	WIPRO-AB-GF-ELE LIGHTING-001	GF-ELE LIGHTING LAYOUT	28 Feb 2022	Vellaisamy	Mariraj	<span>●</span>
9.	WIPRO-AB-GF-ELE POWER&SOCKET-002	GF-ELE POWER & SOCKET LAYOUT	28 Feb 2022	Vellaisamy	Mariraj	<span>●</span>
10.	WIPRO-AB-GF-ELE CABLETRAY-003	GF-ELE CABLETRAY LAYOUT	28 Feb 2022	Vellaisamy	Mariraj	<span>●</span>



# Explore the project in the Virtual World

“**Experiencing**” site conditions brings out the best in engineers and improves design outputs. Being physically present is not always possible in today's technologically connected world.

BIM support technologies are constantly developing, which increases their appeal. BIM and virtual reality (VR) integration allows our engineers to interact and experience a virtual world.

**Our solution can enhance the problem solving exercises in an interactive project by incorporating VR.**







“Exploring Speckle application to view the Revit Schedule in Web page...”

“Add-ins to faster Revit Tast”



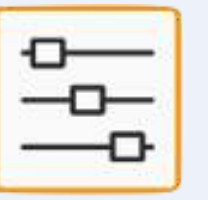
SheetLink



FamilyReviser



OneFilter



ParaManager



SheetGen



TableGen



Reordering



PointKit





# Green Screen Presentation





# Our Prestigious Clients in India

## Industrial / Warehouse



## IT Office / Commercial / Labs/Hospitals





# Our Prestigious Clients



CROSSLINE

ECHOTEX

STANDARD GROUP



سلطة واحة دبي للسيليكون  
Dubai Silicon Oasis Authority



Salcomp





# Innowell Engineering International Pvt Ltd

## **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

✉ samuel@innowellgroup.com  
☎ +91 99723 00436

## **HYDERABAD**

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

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☎ +91 62815 97156



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

For detailed information, contact concerned account manager.



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