



Optimal Consulting Engineers Pvt Ltd

BIM Modelling & MEP Consultancy



www.optimalmepconsultants.com

➤ *MEP-BIM Modelling*

➤ *HVAC*

➤ *Electrical*

➤ *Plumbing*

➤ *Fire Protection*

➤ *Escalator & Elevator*

➤ *ELV*

➤ *BMS*





VISION

Work collaboratively with clients to achieve responsive designs and integrated systems to create flexible, efficient, and cost effective environments.

Ensuring sustainable growth of our company and positively contributing to the success of our client's organizations.

OVERVIEW

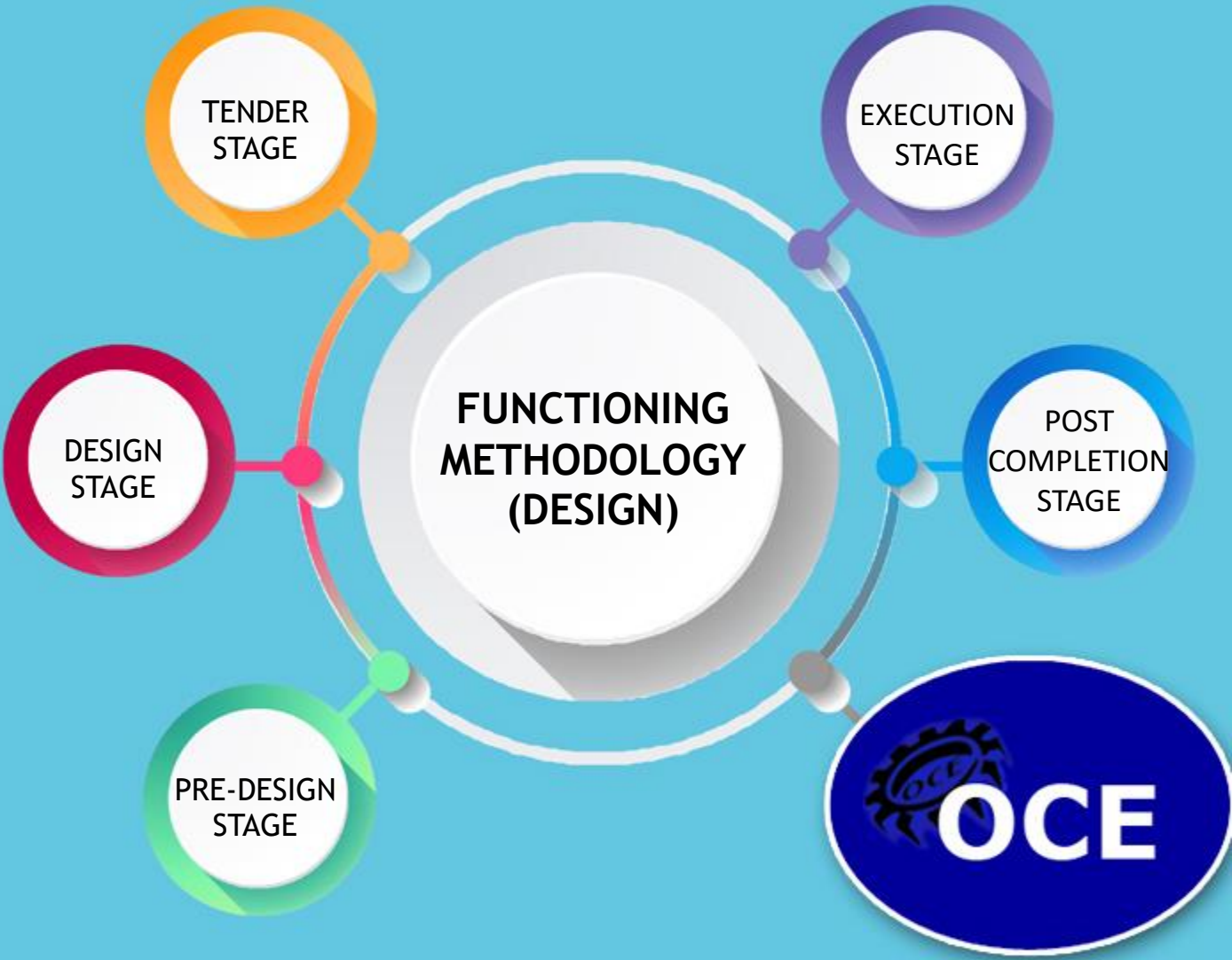
Innovative engineering solutions incorporating the state-of-the-art facilities.

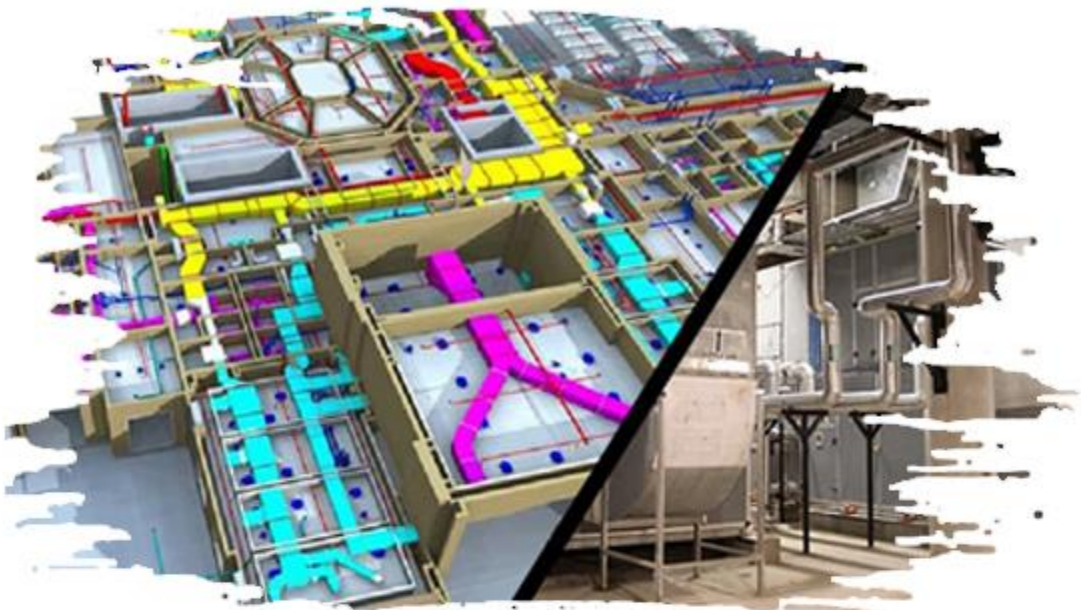
Pre-construction to post-construction of IT buildings, malls, factories, apartments, hospitals etc. for both public/private undertakings.

Holistic approach with the advantages of modernity, catering to the current and future needs of our clients strictly in compliance with the Statutory Rules in force.

ELECTRICAL ENGINEERING
PUBLIC HEALTH ENGINEERING
HVAC & REFRIGERATION SYSTEM
FIRE DETECTION & FIGHTING SYSTEMS
EXTRA LOW VOLTAGE SYSTEM
VERTICAL TRANSPORTATION
LIGHTING SOLUTIONS
INTEGRATED BUILDING MANAGEMENT SYSTEM &
OTHER SERVICES







ABOUT US

We Optimal Consulting Engineers Pvt Ltd (OCE) are one of the leading MEP Engineering Consultants & MEP BIM Modellers in India for building facility services, that mainly consists of (1) HVAC services, (2) Electrical services, (3) Fire Protection services, (4) Plumbing services, (5) Elevator & Escalator services, (6) ELV services, (7) Building Management System (BMS) services etc. Our present team of major Consulting Engineers have been practicing as Chief Consultants in different MEP Consulting firms from past 40 years plus in India & abroad for many projects of different magnitudes. In Jan 2008, we teamed up & formed a combined MEP Engineering Consulting & MEP BIM Modelling services for many major projects in India & abroad. Inside India we are having an esteemed infrastructure capable of outsourcing projects from clients of Middle East (UAE, Qatar, Kuwait & KSA etc.), United States, Australia, African Countries & South East Asia (Singapore, Malaysia, Brunei, Indonesia, Thailand, Vietnam etc.). We offer our Valuable MEP Professional consulting services & BIM Modelling Services in the field of Industrial (including Oil & Gas Industry), Infrastructural, Commercial, Medical, Residential, Institutional, Educational, Recreational, Tourism Industry (Hotels & Resorts) etc. projects.

OUR SERVICES

➤ MEP-BIM Modelling

Our consultancy includes

- Preliminary feasibility study & proposal to final design drawing and construction specification will follow up for bids, purchasing packages preparations etc
- Complete design with all required drawings.
- Preparation of budget costs.
- Suggestions & Certification of materials in terms of quality & price.
- All the co-ordinations of MEP facility consulting services within our separate design divisions along with Architects, Contractors, Interior Designers etc. for the design, execution, supervision until Project completion.
- Periodic site visits to monitor & making sure of work progression, quality maintenance in conformance with Design & Specifications of the consultants.

OUR WORKING MODULES

(A) Schematic Design

- Review the project requirements, then generate a preliminary program & estimated project budget.
- Review alternate systems & materials with the Architects/ Clients
- Prepare schematic designs comprised of layout plans as many as, may be required a satisfactory solution is reached.

(B) Design Development

Prepare development documents based on the Architect approved schematic design. The following documents are furnished upon completion of the design (Depends on Architect's requirements)

1. Drawings
2. Cost estimate of total project
3. Specifications of materials

Our goal is to provide the most maintainable & energy efficient designs possible with the available budget. Our solutions are dynamic, not static. We strive to provide clients with the highest possible quality for a particular project, while taking pride in their work.

OUR STYLE

We deliver innovative solutions to our Architects/Clients through the exceptional talents, passion & leadership. We are committed to support our Architect's/Client's objectives by enhancing the performance & quality of their environment.

OUR PHILOSOPHY

We have developed a Philosophy that focuses on functionality and flexibility as well as uniqueness and attractiveness . While designing for Architects/Clients, we try to "delve" in their minds, focus on their needs & read between lines.

"Our philosophy is quality engineering with quality"

We offer wide ranging decision support services in the area of Green Concept, Energy conservation, Facility planning, Technology consulting and Risk management. Our service delivery is based on the following philosophy.

"Everyone associated with the projects builds quality in to a project continuously at each step. Quality is the knowing of our clients goals for providing a project consultancy of their needs, budget and satisfaction"

(1) HVACR CONSULTING SERVICES

In HVACR Consultancy Services, we offer a coordinated consulting services for Heating, Ventilation, Air conditioning and Refrigeration systems. In building climate control, it is so important the humidity & temperature must all be closely regulated whilst maintaining safe & healthy conditions within. The three functions of heating, ventilating & air conditioning are closely interrelated . All seek to provide thermal comfort, acceptable indoor air quality, and reasonable installation, operation and maintenance cost. Properly designed HVAC systems can provide excellent ventilation, reduce air infiltration and maintain pressure relationships between spaces. We make sure our HVACR design & proposals are with optimum solutions of international standards. We normally use either Carrier's- EU 20, HAP or Trane's- TRACE 700 design software package for the Heat Load Estimation and other designing & selection criteria of HVACR –systems depends on Architect's/Client's demand. We are using BIM, REVIT etc. softwares for our Design & Drawing of all HVACR services. Our designing of HVACR system control will be integrated to the Building Automation System for the Centralized Monitoring & for any kind of alert messages to the System Maintenance Personals in case of any emergency warnings.

(2) ELECTRICAL CONSULTING SERVICES

In Electrical Consultancy Services , we offer our valuable professional consulting services in the field of Design & Installation of Electrical systems of major projects. This includes the required Electrical Substations, Transmissions, Distribution networks, Load centres, Downstream Installations, Lighting Selections etc. The basic requirements of an Electrical Installations are that it should be safe, reliable, energy efficient, economic, comply to national & International standards. We are using BIM, REVIT etc. softwares for our Design & Drawing of all Electrical services. Above all it should comply with all statutory regulations and rules for the same performance & operations. We take care of all the above factors using the expertise & wide experience of our technical experts.

Electrical Consultancy Working Modules

- We prepare designing of electrical system after assessing the existing & proposed feeding arrangement, standby & emergency supply requirements ,load particulars etc.
- Designing the interior & exterior lighting system design in coordination with respective agencies.
- Designing of lightening protection system
- Designing of Main & Sub Distribution Board Control Panels.

(3) PLUMBING CONSULTING SERVICES

In Plumbing Consultancy Services , we offer a coordinated consulting services in the field of plumbing, drainage and sanitary systems . We are using BIM, REVIT etc. softwares for our Design & Drawing of all Plumbing services. Traditionally , basic plumbing design has been a code driven discipline. As such, a thorough working knowledge of the various plumbing codes and standards is vital to proper system design. We are dedicated to have an optimum solutions for Plumbing System Designs of any range of projects.

(4) FIRE PROTECTION CONSULTING SERVICES

Fire protection is the study & practice of mitigating the unwanted effects of fires. It involves the study of the behavior , compartmentalization , suppression & investigation of fire & its related emergencies, as well as the research and development, production, testing and application of mitigating systems. In structures, the owners & operators are responsible to maintain their facilities in accordance with a design-basis that is rooted in laws, including the local building code & fire code, which are enforced by the Authority Having Jurisdiction. We are using BIM, REVIT etc. softwares for our Design & Drawing of all Fire Protection services. In our professional consultancy, we take in to account of all this factors for the complete protection of any kind of fire hazards. In our Fire Protection Consultancy services , we offer the consulting services of the field of Fire Hose reel, Sprinklers, Fire alarm, Fire alarm Panels, Heat Detectors, Smoke detectors, Fire Extinguishers etc. along with all safety standard of building code & fire code.

(5) ELEVATOR & ESCALATOR CONSULTING SERVICES

In Elevator & Escalator consulting Services , we offer an Optimized Consulting Services for any kind of major projects. We take in to account of all the local & international safety standards, proper traffic analysis of elevator lifts & escalators before finalizing the design & selections . We are using BIM, REVIT etc. softwares for our Design & Drawing of all Elevator & Escalator services. While we design & select the Elevators or Escalators systems, we always take in to account the system that can be most suited to the building structures, interiors, space limitations & mostly budget concerned. Proper design & installation will enhance the proper traffic flow, low cost system maintenance, energy savings & safe systems.

(6) ELV SYSTEM CONSULTING SERVICES

In ELV Consulting services, we offer a suitable security system design in advanced technology of world standards. Security is the degree of protection against danger, loss and criminals. We study all the possibilities of security requirements of the building and accordingly we design & propose the suitable security systems which will be cost effective for installation & maintenance. The Security System Control software will be integrated to Building Automation System for Centralized monitoring & alert messages to the building security personals.

(7) BUILDING MANAGEMENT SYSTEMS (BMS)

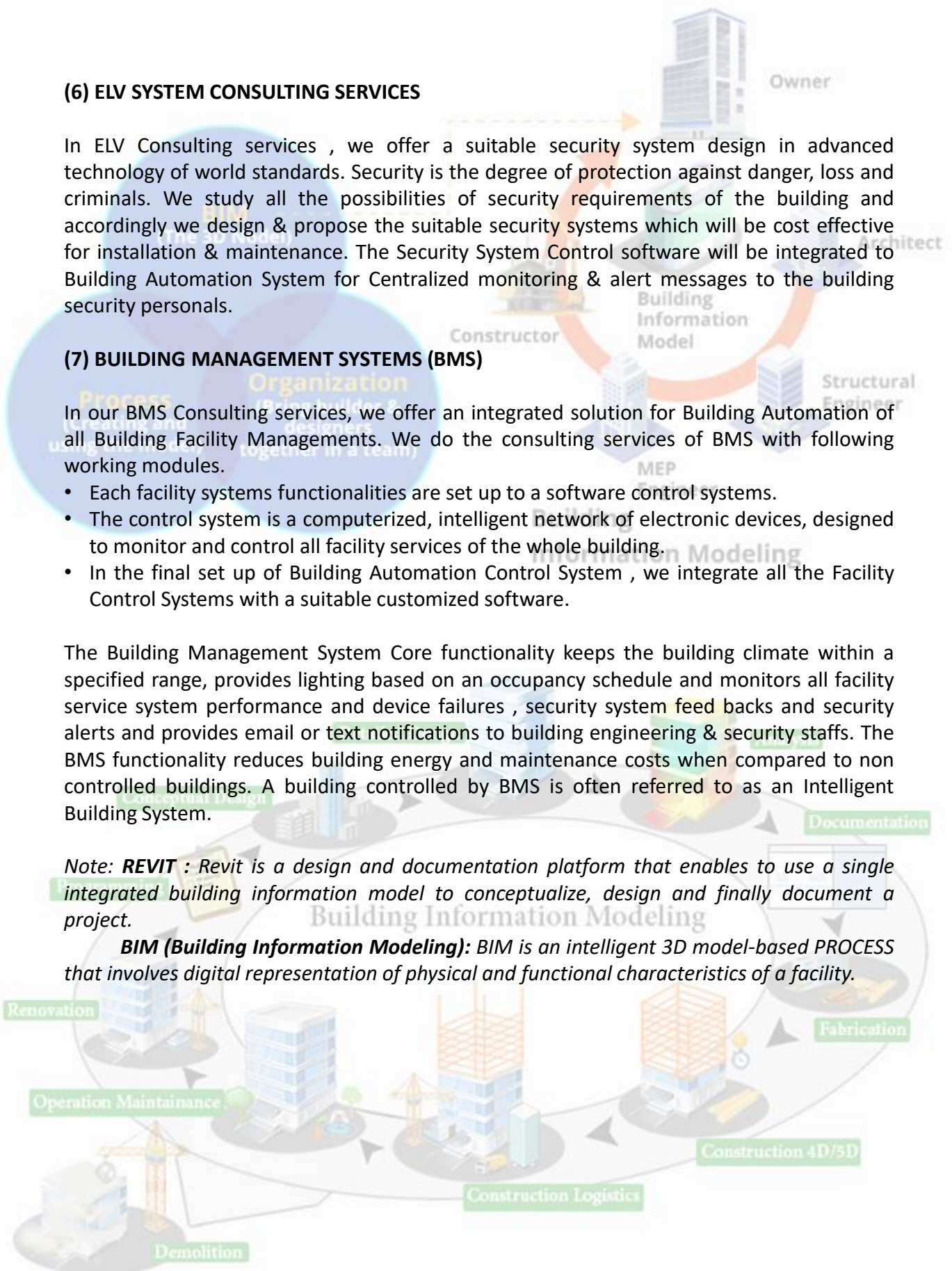
In our BMS Consulting services, we offer an integrated solution for Building Automation of all Building Facility Managements. We do the consulting services of BMS with following working modules.

- Each facility systems functionalities are set up to a software control systems.
- The control system is a computerized, intelligent network of electronic devices, designed to monitor and control all facility services of the whole building.
- In the final set up of Building Automation Control System, we integrate all the Facility Control Systems with a suitable customized software.

The Building Management System Core functionality keeps the building climate within a specified range, provides lighting based on an occupancy schedule and monitors all facility service system performance and device failures, security system feed backs and security alerts and provides email or text notifications to building engineering & security staffs. The BMS functionality reduces building energy and maintenance costs when compared to non controlled buildings. A building controlled by BMS is often referred to as an Intelligent Building System.

Note: REVIT : Revit is a design and documentation platform that enables to use a single integrated building information model to conceptualize, design and finally document a project.

BIM (Building Information Modeling): BIM is an intelligent 3D model-based PROCESS that involves digital representation of physical and functional characteristics of a facility.



OUR TEAM

1. **BABULAL. S (Principal BIM & MEP Consultant and Co-Ordinator)**

Mr. Babulal. S is a graduate in Mechanical Engineering and is having 23 years experience as MEP Consulting Engineer. He is having 6 years experience in MEP contracting field as Project Manager also. He got consultancy experience & contracting experience in India & abroad. The entire team works in co-ordination under his able guidance and experience and can offer quality and sustainable engineering design solution to MEP service.

2. **J L SHAW SUMANAM (Principal Electrical and ELV Consultant)**

Mr. Shaw Sumanam is a graduate in Electrical Engineering. He is having 30 years experience as a Consultant in the following areas:

- Designing EHV substations
- Distribution system
- MEP designs for IT buildings, Hospital's, Hospitality buildings, heavy Industries and infrastructure projects.

NAME	DESIGNATION	EXPERIENCE
L. Baby	Sr.Consultant, Electrical	35+ Years
A. G Hareendralal	Sr.Consultant, Electrical	25+ Years
Mohandas	Sr.Consultant, Electrical	35+ Years
Chitra Rajalaksmi	Lead Consultant, Civil	25+ Years
Prasanth P	Lead Consultant, MEP	25+ Years
Anil Kumar	Sr.Consultant, AC& R	25+Years
Salil R G	Lead Consultant, MEP	20+ Years
Anshad S	Lead Engineer, MEP	12+ Years
Shanavas	Lead Engineer, MEP	10+ Years
Sreenath S	Lead Engineer, Civil	10+ Years
Arun Vikas	Sr.Project Manager	4+ Years
Viswanath M M	Sr.Design Engineer, Electrica	4+ Years
Girish M B	Sr.Design Engineer, Mechanical	8+ Years
Other Staffs	Jr.Engineers/ Draughtsman 40+ Nos	

OUR TEAM IN GCC COUNTRIES

Our team comprised with Engineers, Designers & Draftsmen who are experienced in GCC Countries for so many MEP projects have excelled in their knowledge from variety of projects.

We associate with Unicorn LLC, P.O BOX :1937, PC-111, AL SEEB CPO, MUSCAT, SULTANATE OF OMAN for GCC Countries operations.

SERVICES

ELECTRICAL

- Feasibility study of the projects
- LT/HT/EHT Design and Document in accordance
- ELV System (Telephone, Data Network, CCTV, TV, Nursing Calling System, Home Theatre, FTTH.
- Building Management System
- Energy Management System

PLUMBING

- Water Supply, Treatment and Distribution
- Sewage collection, Treatment, Disposal and Reuse
- Storm Water Drainage
- Rain Water Harvesting and Recharging
- Swimming Pool System
- Irrigation System

HVAC

- Air Conditioning and refrigeration.
- Ventilation and Exhaust System: General, Smoke Car park, Toilet and Kitchen.
- Centralized Gas System.
- HVAC Management System.

FIRE PROTECTION SYSTEM

- Hydrant System and Sprinkler System
- Fire Alarm and Voice Evacuation System
- Gas Suppression System
- Public Address System

A detailed 3D BIM model of a building's mechanical, electrical, and plumbing (MEP) system. The model shows a complex network of pipes, ducts, and equipment. The pipes are color-coded: blue for water supply, pink for hot water, and grey for other systems. The ductwork is shown in white and grey. The equipment includes pumps, tanks, and air handling units. The model is set against a light grey background with a grid pattern.

BIM PROJECTS

MANHATTAN PSYCHIATRIC CENTER

NEW YORK

TOTAL AREA OF BUILDING : **500000 SQFT (B+15)**

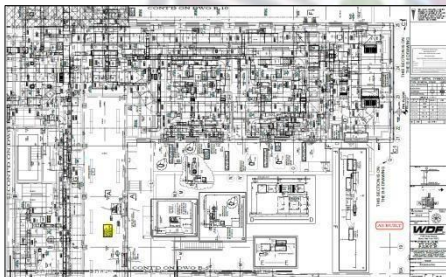
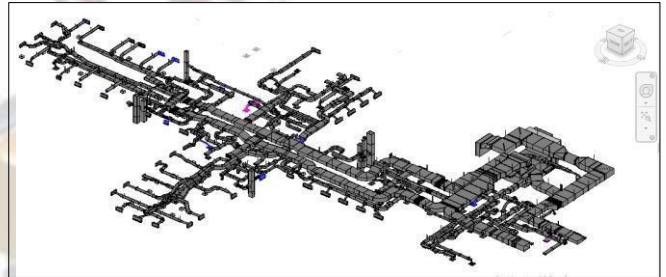
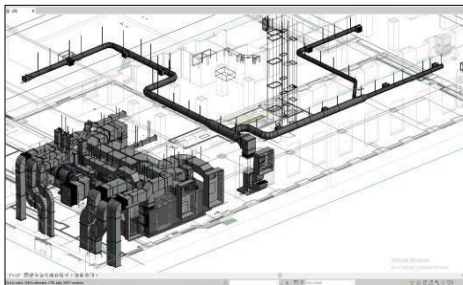
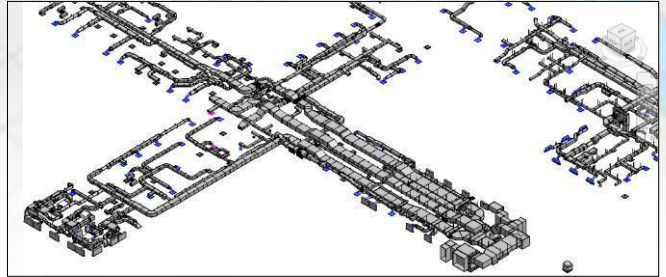
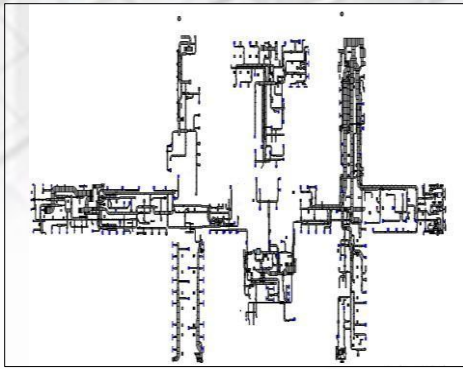
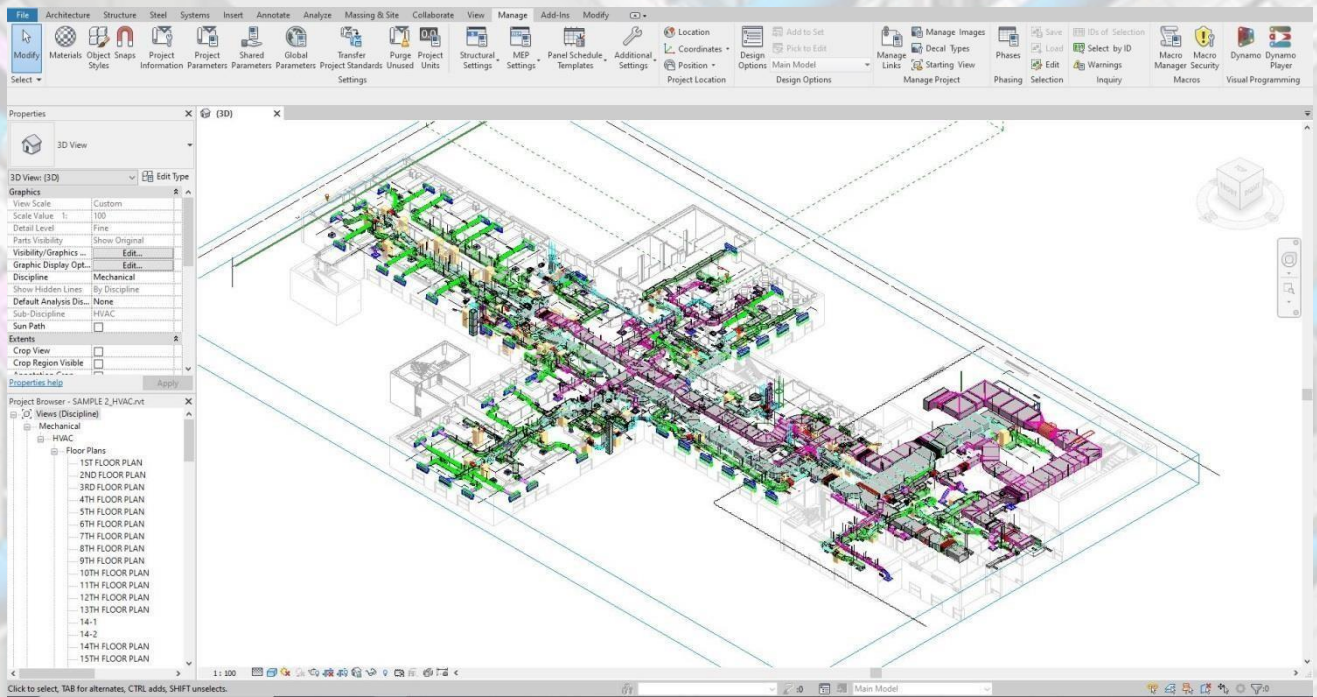
BUILDING TYPE : **HOSPITAL BUILDING**



SCOPE OF WORK: **HVAC MODELING IN LOD 300**

TIME TAKEN FOR COMPLETION: **480 HOURS**

LOCATION: **NEW YORK, US**



TARGET DISTRIBUTION CENTER

PENNSYLVANIA

TOTAL AREA OF BUILDING : **1350000 SQFT**

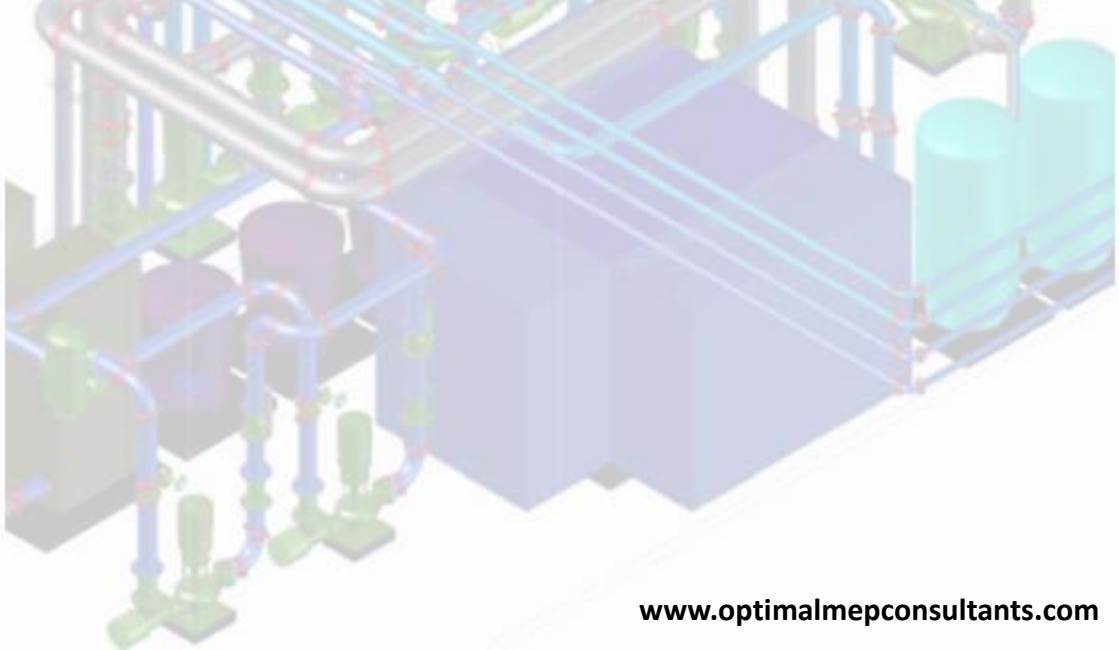
TYPE OF BUILDING : **WAREHOUSE**

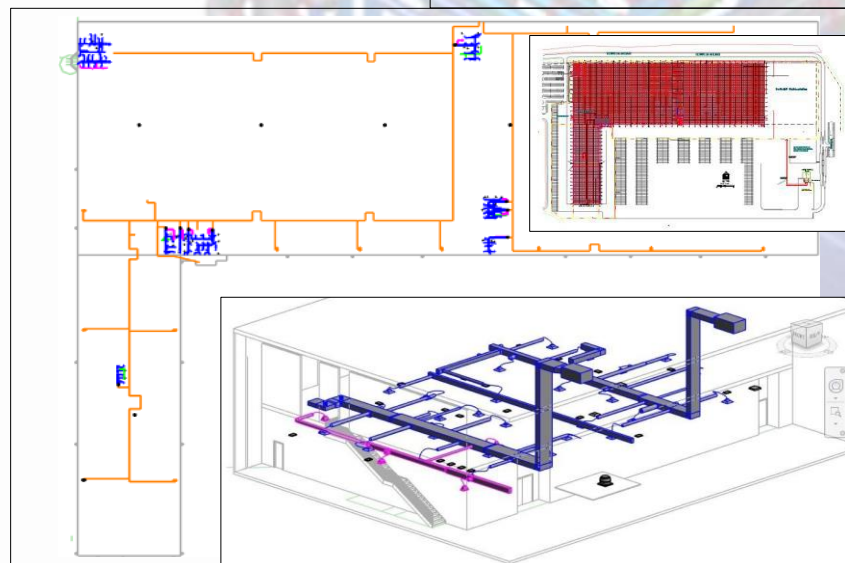
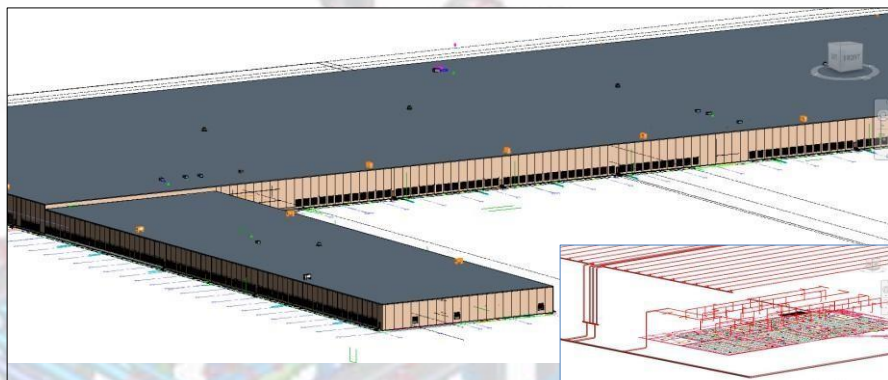
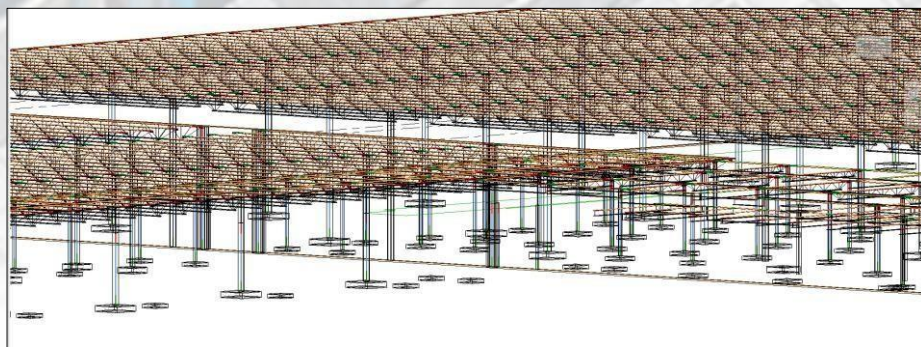
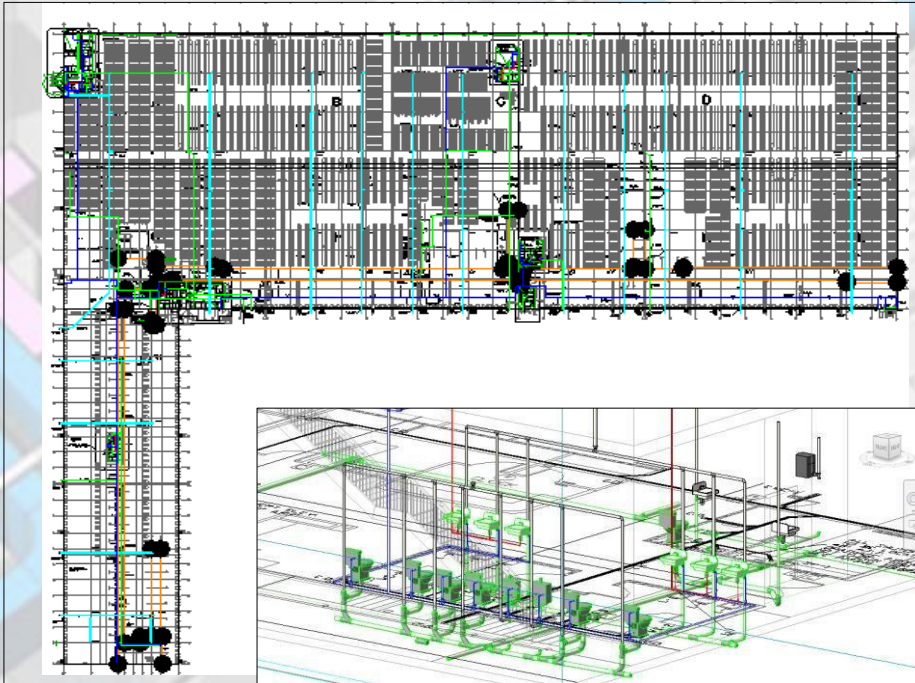


SCOPE OF WORK: **MODELING OF ARCHITECTURE, STRUCTURE, MECHANICAL, ELECTRICAL & PLUMBING IN LOD 300**

TIME TAKEN FOR COMPLETION: **360 HOURS**

LOCATION: **PENNSYLVANIA, US**





GRAND CENTRAL CAVERNS- NEW YORK

TOTAL LENGTH OF STRUCTURE : **64,000 Track Feet**

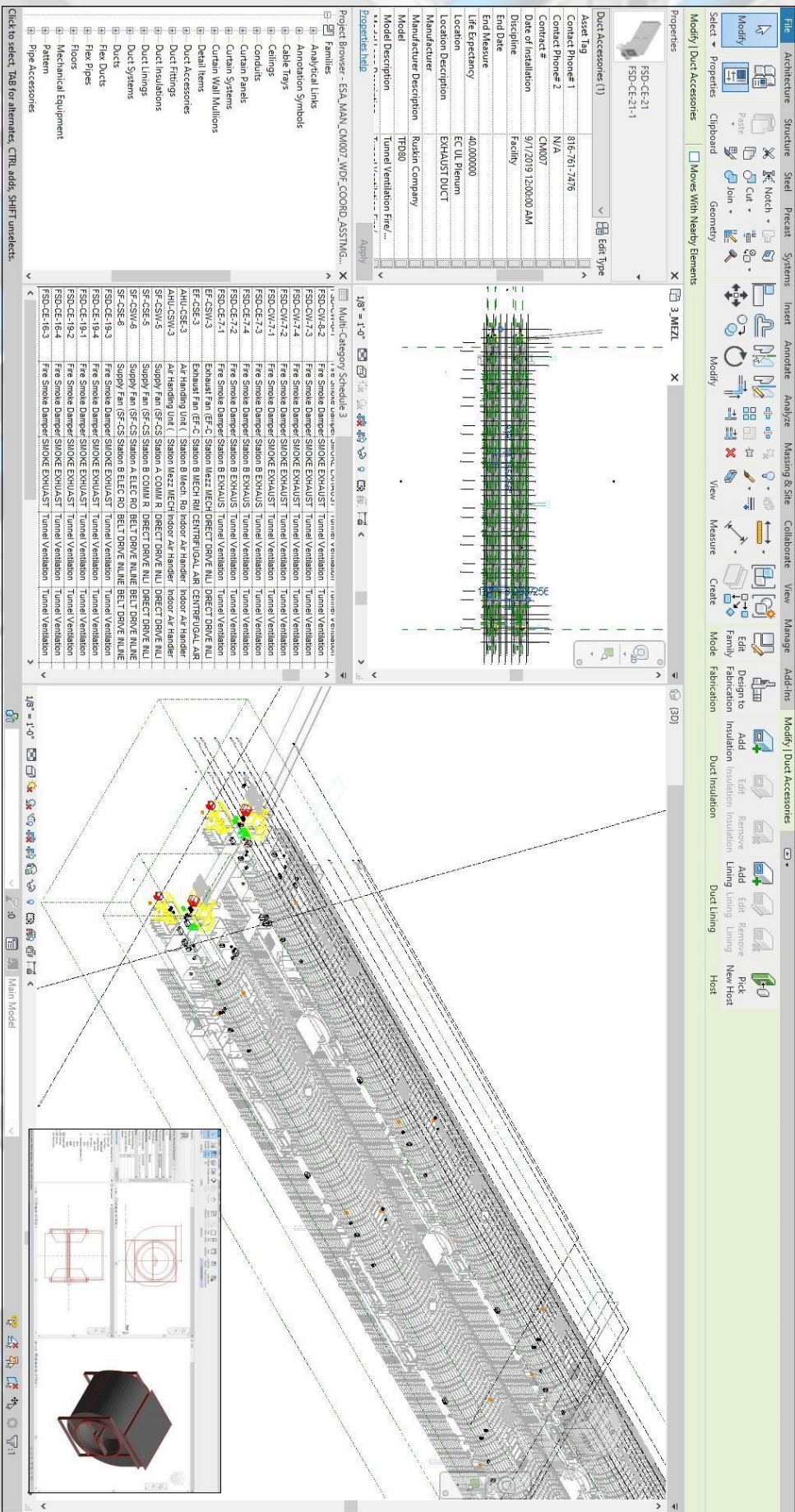
TYPE OF STRUCTURE : **TUNNEL/CAVERN**



SCOPE OF WORK: **ASSET MODELING & DATA MANAGEMENT IN
LOD 300 (500 ASSETS)**

TIME TAKEN FOR COMPLETION: **600 HOURS**

LOCATION: **NEW YORK, US**

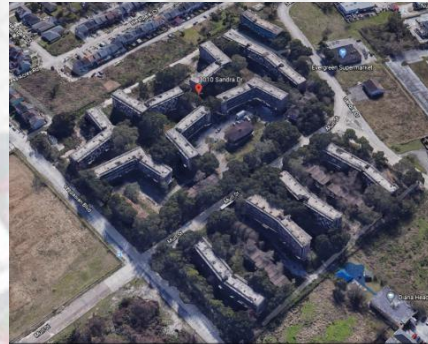


SANDRA DRIVE PROJECT

NEW ORLEANS, LA

TOTAL FLOOR AREA : **10L sqft (20 buildings)**

TYPE OF BUILDING : **APARTMENT BUILDINGS**



SCOPE OF WORK: **MODELING ARCHITECTURE IN LOD 400**

MODELING OF STRUCTURE, MECHANICAL, ELECTRICAL & PLUMBING IN LOD 300

TIME TAKEN FOR COMPLETION: **360 HOURS**

LOCATION: **NEW ORLEANS, US**



SWARTHMORE MUSIC COLLEGE

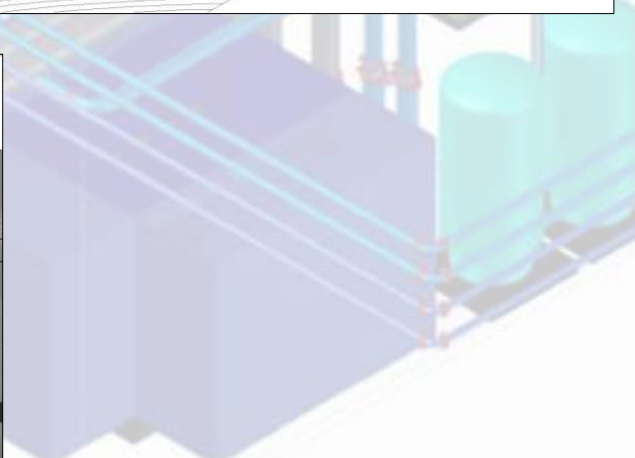
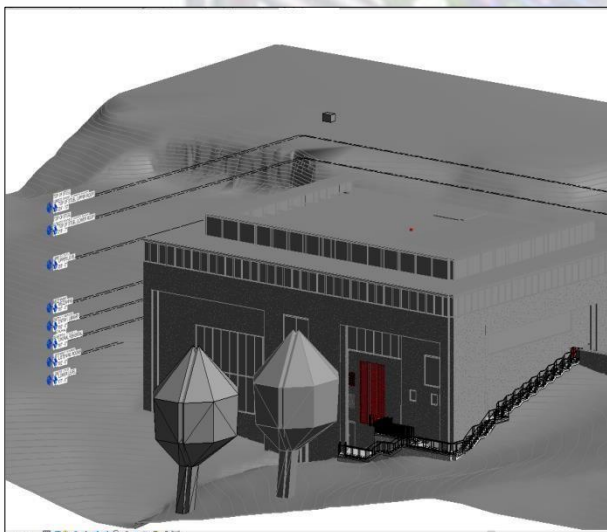
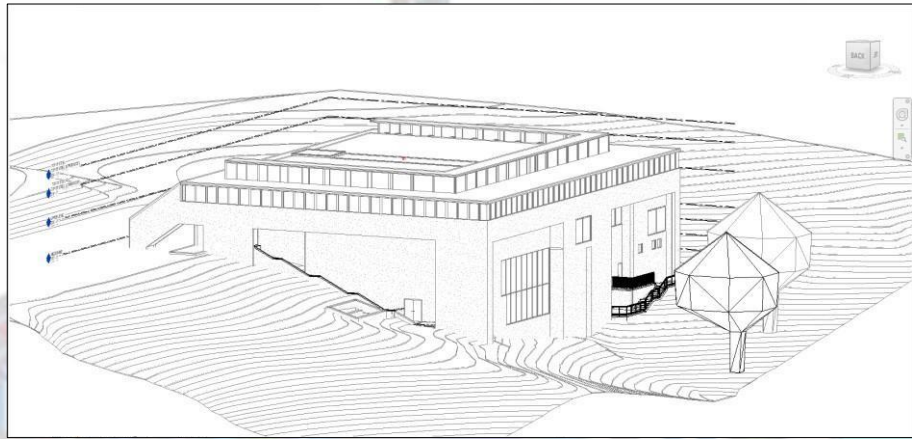
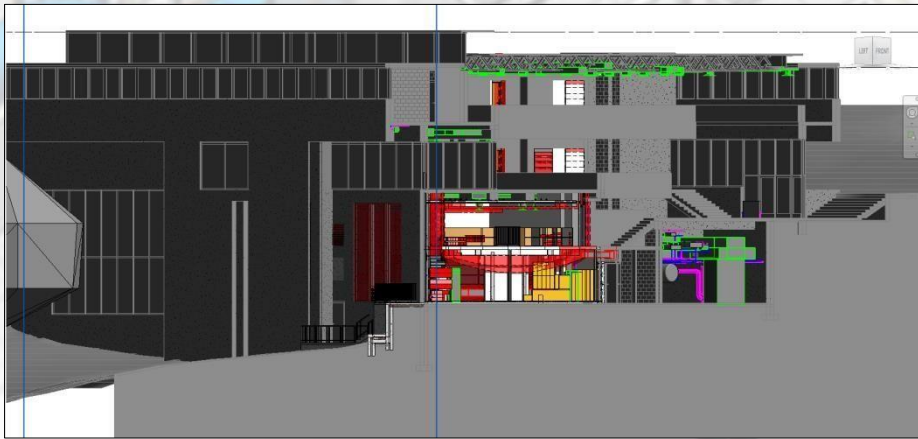
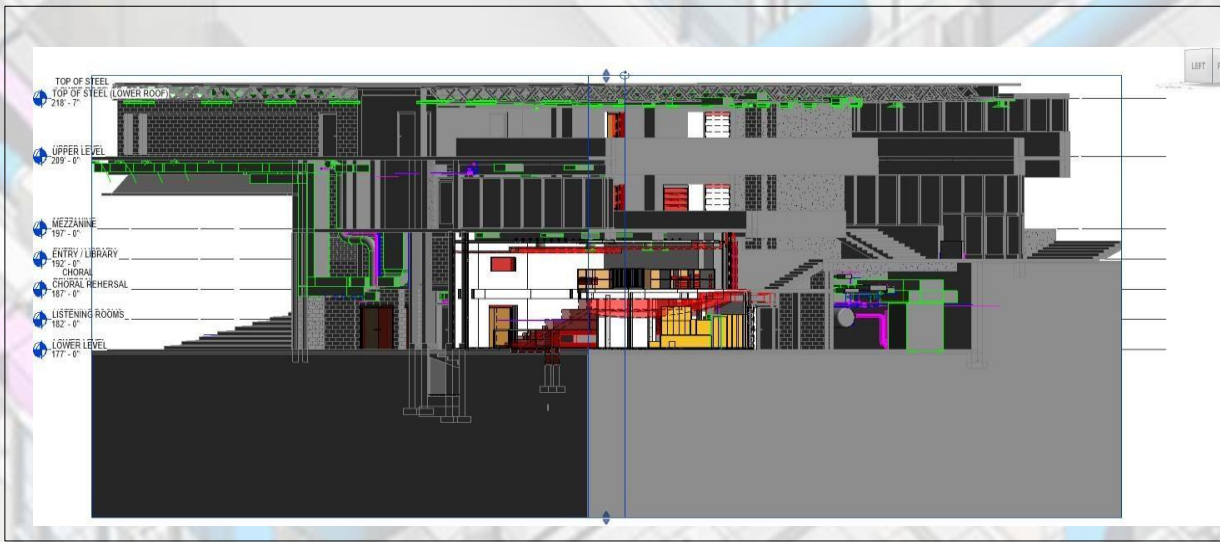
TYPE OF BUILDING : **INSTITUTION BUILDING**



SCOPE OF WORK: **MEP MODELING IN LOD 300**

TIME TAKEN FOR COMPLETION: **360 HOURS**

LOCATION: **PHILADELPHIA, US**





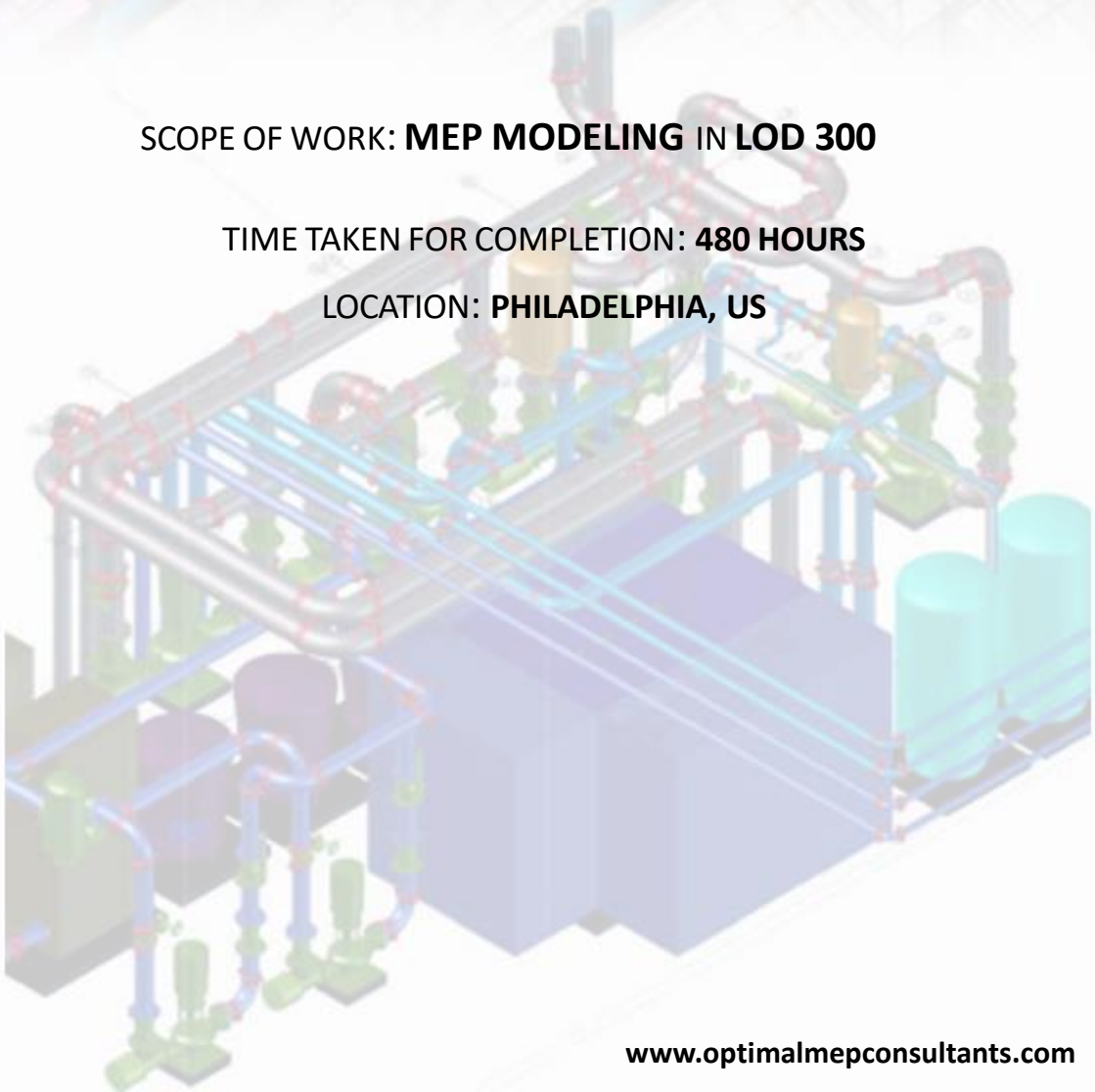
FELENEX BLOCK A,B,AB,C,D & R UK

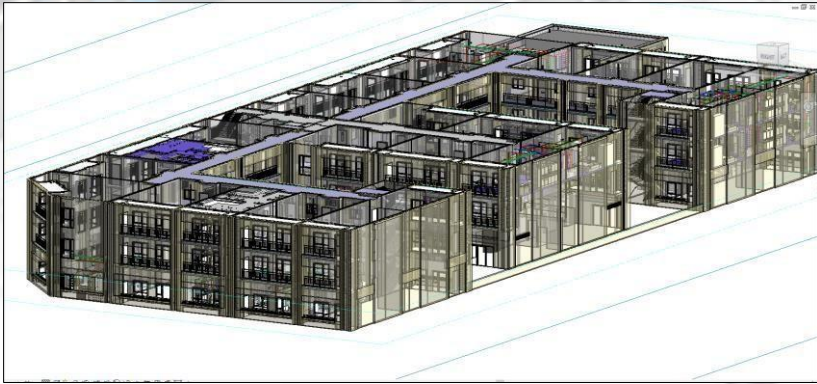
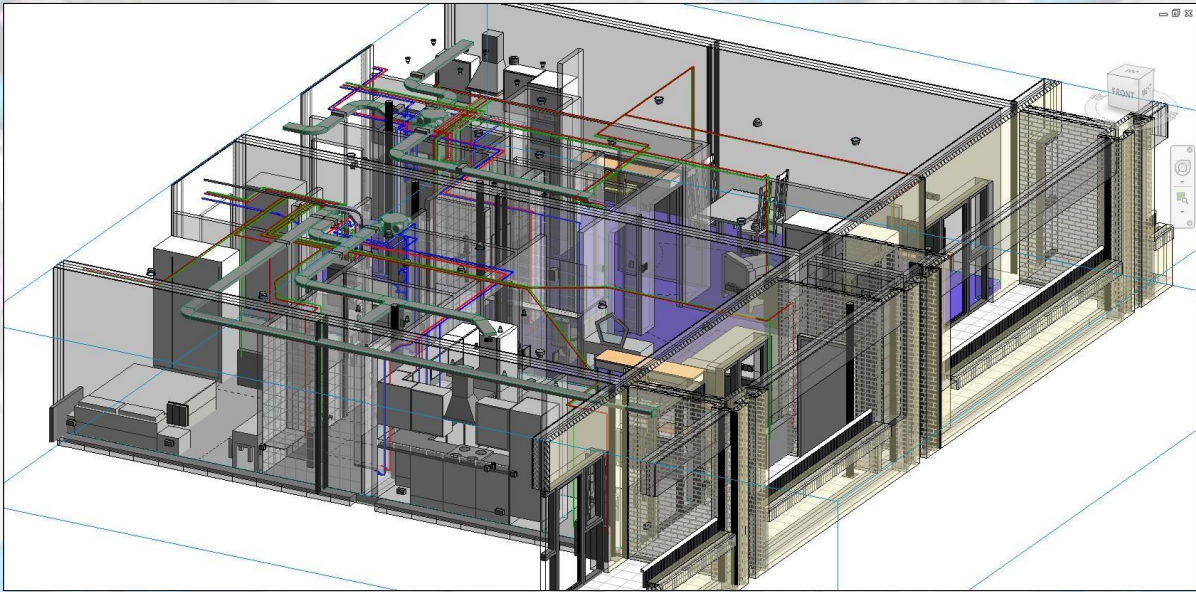
TYPE OF BUILDING : **INSTITUTION BUILDING**

SCOPE OF WORK: **MEP MODELING IN LOD 300**

TIME TAKEN FOR COMPLETION: **480 HOURS**

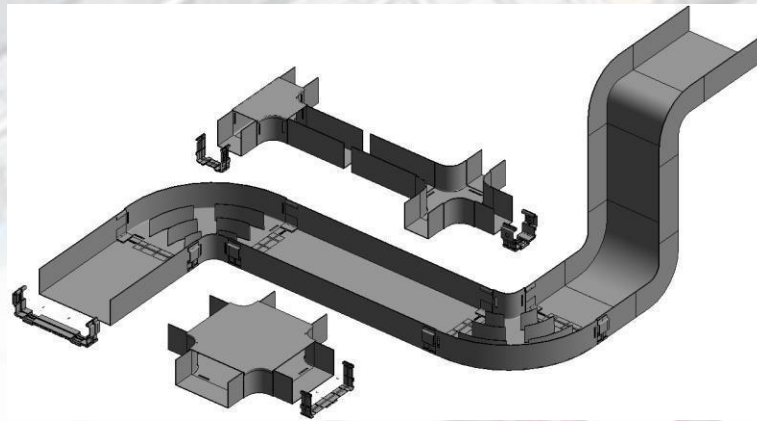
LOCATION: **PHILADELPHIA, US**





MODELING OF CABLE TRAY & FITTINGS

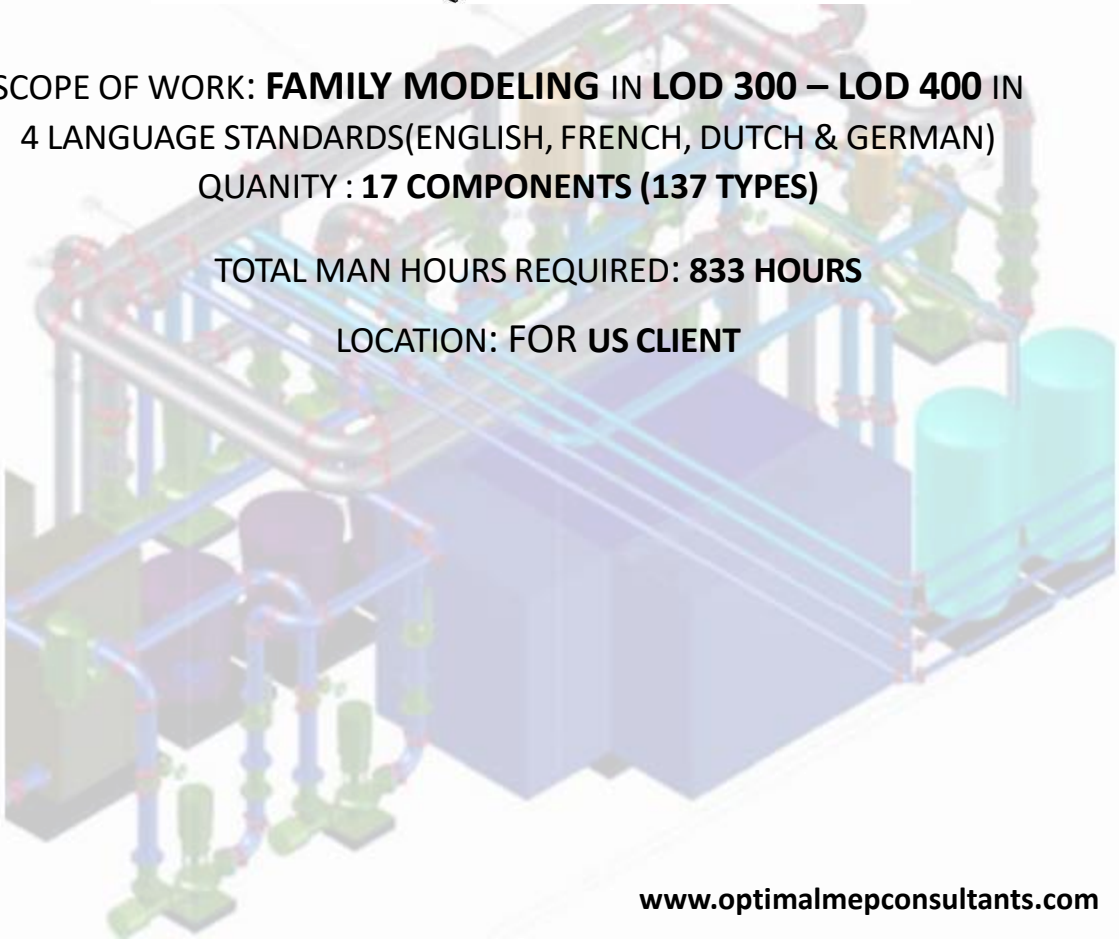
MANUFACTURER: **WARREN & BROWNS NETWORKS, AUSTRALIA**



SCOPE OF WORK: **FAMILY MODELING** IN **LOD 300 – LOD 400** IN
4 LANGUAGE STANDARDS(ENGLISH, FRENCH, DUTCH & GERMAN)
QUANTITY : **17 COMPONENTS (137 TYPES)**

TOTAL MAN HOURS REQUIRED: **833 HOURS**

LOCATION: **FOR US CLIENT**



OUR MAJOR
MEP
PROJECTS



IT BUILDINGS



TECHNOPARK PHASE-1

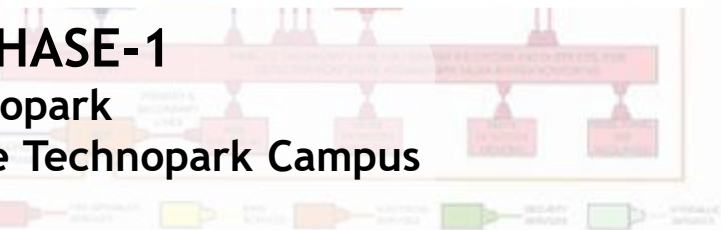
IT Building @ Technopark

4 IT buildings in the Technopark Campus

Trivandrum, Kerala

All MEP services

Client: Technopark





TECHNOPARK PHASE-3

IT Building @ Technopark

At Trivandrum, Kerala

MEP services

Client: Techno-park 1 Million sqft



SUNTEC

**IT Building @ Technocity, Located in
Palippuram, Trivandrum**

All MEP services Area : 3.5Lkh Sqft.

Campus & Club House Client: SunTec



LEELA INFOPARK - COCHIN
IT Building @Leela Infopark Phase I, II, III, IV
At Cochin -Info park All MEP services
Client:M/s. Leela Lace Holdings, Pvt. Ltd,
Kochi 8 lakhs sqft

OTHER IT PROJECTS

PROJECT

Muthoottu Landmark, Cochin

Tata Elxsi , Trivandrum

Agasta Cyber Park , Chennai

IT Mission, Office, Trivandrum

LEELA IT Park at

Koshamattom IT Park

Orion Soft, Mumbai

CLIENT

M/s Mini Muthoottu

Tata Elxsi, Bangalore

Sipcot Siruseri , Chennai

Govt: of Kerala, IT

M/s. Leela Lace Holdings, Pvt. Ltd

Infopark, Cochin

Orion Software Inc

RESIDENTIAL PROJECTS



PRIME PROPERTY DEVELOPERS

**Apartment @ Sasthamangalam At Trivandrum, Kerala
All MEP services Client: PPD Pvt. Ltd.**



MALABAR GRAND CEDAR

Apartment @ Kowdiar At Trivandrum, Kerala All MEP services

Client: Malabar Developers.



DIAMOND ENCLAVE

Apartment @ Vellayambalam Trivandrum, Kerala
All MEP services Client: Artech Realtors

OTHER RESIDENTIAL PROJECTS

PROJECT

East Gate Apartments, Trivandrum

NRI Residential flat, Cochin

Choice, Apartments, Trivandrum

Housing Apartments, Cochin

Palm Hill villas, Trivandrum

Muthoot Presidency, Trivandrum

Green Hills Kakkanadu, cochin

Narayana Apartments

Accel Gandhipuram

CLIENT

Bhagheeratha Developers

Kerala State Housing Board

Choice Group, Cochin

L & T Madras

Bhagheeratha Developers

M/s Muthoot Builders

Mather projects

Ar. Iyer & Mahesh

Accel Transmatic Pvt. Ltd.

FACTORY PROJECTS



OBO BETTERMANN- CHENNAI

Factory- 11kh Sq.ft Located in Oragadam, TN All MEP Services
Client: OBO Bettermann



WISTRON CORPORATION

Electronic Manufacturer Factory- 451kh Sq.ft Phase 1- 9 lkh sqft
4 Factories & Ammenities
Located in Kolar, Narasapur Industrial Area, Karnataka



KINFRA FILM & VIDEO PARK

Drisya Building - 1 lakh Sq.ft

RGCBI Institute – 30,000 Sqft. RWDI – 25,000 Sqft.

Located in Kazhakuttam, Trivandrum All MEP Services

Client: KINFRA

OTHER FACTORY PROJECTS

PROJECT

CLIENT

Addison Factory
 Cape Electricals
 Tooth Brush Factory at Goa
 Mentor media
 UCAL Fuel System
 Nizam Coal Pvt Ltd.
 Auto Tech Ambathur, Gummudipundi
 Muralya Diary Plant
 Lubricant Godown
 Red land tea factory, Idukki.
 KELTEC. Industries Chackai, Trivandrum.
 Latex Thread Unit, Kottayam
 Impel Machines. Chenganoor
 Sun rise Polymers and Industries
 (India) Ltd Factory Vadodara
 Latex Thread Unit, Trivandrum.
 Prasad colour Lab, Film Video Park, in
 Trivandrum.

Addison
 Cape Electricals
 Schiffer & Menezes
 Mentor printing, Singapore
 UCAL/Mahindra City
 M/s M-Cube Design Studio
 Auto Tech
 Muralya Diary Products Pvt. Ltd.
 IOC
 Mr. Thomas, Palai
 Kerala State Industries Department
 and ISRO
 Philatex Threads Trivandrum
 Mr Sanjeev, Trivandrum
 SVN Consulting Engineers, Vadodara
 V.C. Thomas & Company
 Prasad Process, Chennai

HOTEL & RESORT PROJECTS



TAJ HOTEL

Hotel

Located in Varkala All MEP services

Client: Taj Group



BACK WATER RIPPLES

Resort at Kumarakom, Kottayam All
MEP services

Client: Vellapally brothers



HILTON GARDEN INN

Hotel @ Trivandrum Lighting design

Client: Hilton Group

OTHER HOTEL & RESORT PROJECTS

PROJECT

Star Hotel Building, Kottarakkara
Starwood Hotel, Cherthala
Hotel South Park Trivandrum
White field
Resort Hotel at Coorg
Mahindra Club House
Grand Hotels, Bangalore
Leela Raviz, Kovalam
Hotel at Velamkanni
Surya Samudra Private Retreats Kovalam
Banyan Tree Resorts, Perumbalam, Kochi

CLIENT

High Land Tours & Travels
Ullattil Resorts & Spa
Kerala Hotels. Trivandrum.
Hozman, Bangalore
Hozman, Bangalore
STUP Consultant
Bharat Hotels Ltd, New Delhi
Ar. Iyer & Mahesh
Mr. Paulose Kutty
M/s. Surya Samudra Pvt Ltd.
Muthoottu Mini, Kapico Consortium

COMMERCIAL BUILDINGS

BHIMA & BROTHER

Commercial Jewelers Building
@ Alleppy, Kollam, Thrissur, Kottayam
All MEP services & Lighting
M/s Bhīma & Brother



QRS MALL

Commercial Building @ Trivandrum
All MEP services
Client: M/s QRS Group



OTHER COMMERCIAL BUILDINGS

PROJECT

Commercial Building , Pattoor
Rivera Tower, Trivandrum
Commercial Complex at Vadapalani
Commercial Complex , Chennai
Rubics Square
Malayali Club, Chennai
Bohra Enclave
Commercial Complex in Nungambakkak
Office Complex, Cochin
Commercial building at Cochin - Lanarth
Al- Manama, Kollam

CLIENT

Abdul Latheef
Pallikkal Sujahi
Dr. Shanker TSR Mohanaselvam
Evolutions Life style homes
Akashya Homes
Malayali Club
Renjith Bohra
Mrs. Lalitha Kumaramangalam
Bhagheeratha engineering Ltd.
Lanarth investments and traders Pvt. Ltd
Al- Manama Group of Companies

HOSPITAL PROJECTS



APOLLO HOSPITAL

500 Bedded Multi specialty Hospital
At Navi Mumbai, Maharashtra Client -
Apollo Hospital



RENAI MEDICITY

450 Bedded Hospital
At Kochi, Kerala All MEP Services
Client -M/s. Polakkulam Group, Kaloor



INKEL- EMC SUPER SPECIALITY HOSPITAL (ONGOING)

800 Bedded superspeciality hospital with ancillary buildings and 110kV substation.

At Kalamassery, Kochi, Kerala All MEP services
Area- 8 Lakh Sq ft. Client- M/s INKEL

BUILDING MANAGEMENT CONTROL SYSTEM (BMCS) SERVICES INTERFACE DIAGRAM

OTHER HOSPITAL PROJECTS

PROJECT

CLIENT

Cosmopolitan Hospital, Trivandrum

Cosmopolitan Hospital

Delta Medicity

Delta- HCG Group

VIMS Super Specialty Hospital, Bellary

HLL Hites

SCT Medical College Trivandrum

SCT

CSI Medical college, Karakonam, Trivandrum

CSI South Kerala Diocese, Trivandrum

Sunrise Hospital, Kurla, Mumbai

M/S H D I L. Mumbai

Sunrise Hospital, Kochi, Kerala

Dr. Hafeez Rahman Padiyath

Sunrise Hospital, Bhandup, Mumbai

M/S H D I L. Mumbai

Shankar Netralaya, Nungambakam, Chennai

Shankar Netralaya

Neyyar Medicity, Killi, Trivandrum

Pankajakasturi

LABORATORY PROJECTS



RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY

Laboratory @ Rajiv Gandhi Centre for Biotechnology 1,25000 Sqft.
Located in Jagathy, Trivandrum All MEP services, PMC Service
Client:RGCB



SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY

Laboratory @ Sree Chitra Tirunal Institute for Medical Sciences and
Technology Located in Poojapura, Trivandrum
All MEP services Client: SCTIMST



TROPICAL BOTANIC GARDEN AND RESEARCH INSTITUTE

OTHER LABORATORY PROJECTS

PROJECT

Regional Research Laboratory
Guest block.& Library. Papanamcode, Tvm.

Regional Research Laboratory Pilot
plant Laboratory. Papanamcode, Tvm.

Project Office Building For GSLV- MK-II
& MK- III at VSSC Thump. Trivandrum

M/s Prasad Color Labs, Kinfra FVP,
Trivandrum

Regional Research Laboratory Guest
block.& Library. Papanamcode, Tvm.

CLIENT

M/s. CSIR Govt Of India. Trivandrum

M/s. CSIR Govt Of India. Trivandrum

M/s. ISRO, Kochu Veli, Trivandrum

M/s Prasad Laboratories Chennai

M/s. CSIR Govt Of India. Trivandrum



PRIVATE RESIDENTIAL PROJECTS

PROJECT

Residence in Chennai
Residence
Residence
Residence
Alka Residence
Residence for Ajmal Abdullah
Residence for Ansar Abdullah
Residence Chennai
Residence Chennai
Residence Chennai
Residence Chennai

CLIENT

Actor Mohanlal
Director Priyadarshan
Actress Remyakrishnan
Actor Mohanlal
Mr. Ajayachandran
Team 20 Architects
Team 20 Architects
Mr. Pari
Mr. Pradeep
Mr. Manavalan
Mr. Nawab




Optimal Consulting Engineers Pvt Ltd

BIM Modelling & MEP Consultancy

* *6/58, 2nd Floor, Manakkattu Building
Near Metro Pillar: CP/263, Kalamassery
Kochi, Kerala, India, PIN:683104*

* *1, Adithya, Kowdiar
Trivandrum
Kerala, India, PIN: 695003*

Mob:   +919072171543, +918714791543

Email: admin@optimalmepconsultants.com

oce.babulal@gmail.com

www.optimalmepconsultants.com

Oman: +96893202437

Qatar: +97455227750

UAE: +971528412396

KSA +966502185872

