



ASECOM

ENGINEERING SERVICES

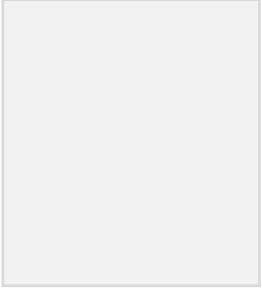
HVAC | ELECTRICAL | PUBLIC HEALTH | FIRE SAFETY | BIM



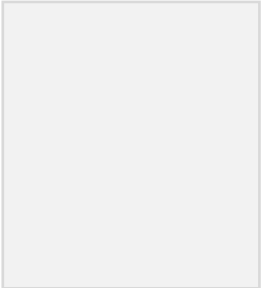
ASECOM

Your partner in Engineering & Project Management Services

THE COMPANY



ASECOM Ventures Private Limited formed and operated by a group of young and dynamic Engineering Professionals having strong track records in Planning, Design, Engineering, Project Management, Cost consulting, Testing & Commissioning Pertaining to Building Services. ASECOM with its talented backbone, collective knowledge and well experienced team, can manage all disciplines of the Building Services and offers the following comprehensive specialized design consultation & engineering service for Architects, Clients and Developers.

- HVAC.
 - Electrical and Low current systems.
 - Public Health Engineering.
 - Fire Protection and Prevention systems.
 - Building information modelling – BIM
 - Security and Smart Automation.
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Our services are uniquely scalable to suit any client's needs – from single Villa to multiphase mega projects and mixed developments.

The company with its corporate office at Thiruvananthapuram Kerala, provide a wide range of service to cater the demands of projects from India and Middle east regions. We are capable to handle all kind of engineering services from the concept developing, planning, construction and handover including total project management. ASECOM is also available as a sub-consultancy to other design firms. We can provide a fully complaint engineering solution that has been coordinated with the in-house specialists and as a stand-alone service to assist clients and architects.



OUR VISION

To become a one-stop solution provider for all building services and become part of the success story with Architects, Builders and Engineers. To be at the frontier of the industry to minimize the carbon footprint by achieving maximum energy efficiency in MEP systems without compromising safety and comfort of the people.

OUR MISSION

To provide customized engineering solutions for projects ranging from single storied independent villa to multi storied and mixed development mega projects in a multicultural society. By enforcing technical & safety standards, we stand for the betterment of the society and quality of life.

CORE VALUES

We demonstrate professionalism, encouragement and applying technology for carving better world around us. We continue to develop and grow our business on long term relationships and through mutual trust and respect.

WHY ASECOM

Our teams consists of young professional's having more than a decade of experience from GCC projects in various leading roles and from all trades. We offer the following specialties throughout the project cycle.

Project Management – Our Project Management services offer qualified, cost effective, time bounded and hassle-free completion of projects.

Planning – In coordination with Architects, Designers and Engineers to pre plan their detailed project requirements from the concept design stage, by closely associating with the team.

Designing – With our experienced and specialized Engineers of all trades, we offer unique and advanced building service design to match with the client's requirement and building architecture in compliance with authority guidelines.

Tendering – The process of selecting right contractor for execution is a major step for any project. With our expertise in tendering process, we can arrange the right competitive team suitable for the project.

Execution – A special and unique list of methodology we follow in our projects and a check list to ensure the execution works and materials complies with our specifications. Our strict supervision and contract terms ensure the contractor to adhere to the project specs without compromising quality standards.

Handover – We manage to conduct a familiarization of the systems and handover all the deliverables as per the project specs and a smooth transition from the project team to building owner or facility management

Maintenance Program and Performance inspection – Any new and old installations need a routine inspection and maintenance for safety, durability, increased life cycle, efficiency and minimum down time. We have a unique and proven maintenance program to cater this need.



BUILDING SERVICES (MEP)

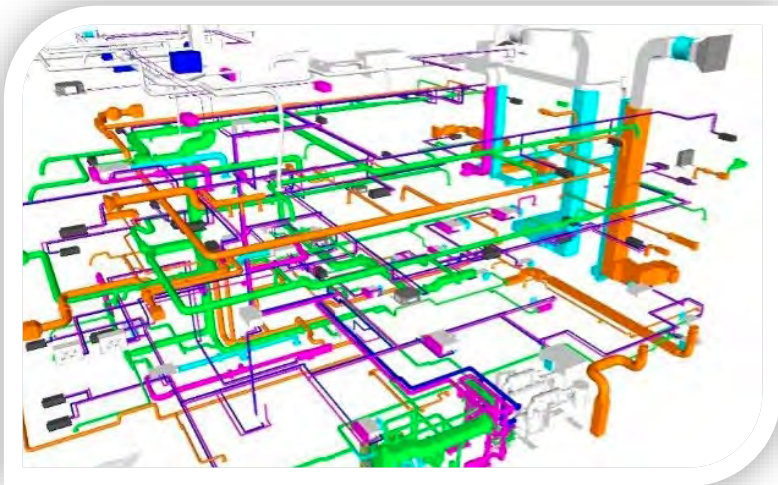
- We work with building planners and architects right from the concept design stage and work in parallel by closely associating, instead of the traditional method of back and forth design, to deliver best design in minimum time.
- Performance, resilience and efficiency are at the heart of our design and what we stand for. ASECOM always thrives to be up to date with the latest technology, advances and innovations in MEP services. We adheres to Indian and International Standards, Code of practice and Authority Regulations. We provides the following service and deliverables:
 - Detailed calculations.
 - Detailed drawings and layouts.
 - Coordinated multidiscipline drawings.
 - MEP room layouts & Data sheets.
 - BIM Clash detection analysis.
 - Client consultation and briefing.
 - Specialist services such as Fire system and Security systems
 - Smart automation for Home & Office.
 - Feasibility study and technical reports.
 - Lighting Design and simulation using *DIALux*.
 - BIM & *Revit* design.
 - Building performance design.
 - We offers documentation service for various sustainability rating programs such as LEED / IGBC.
 - Engage with Local Authorities.

EXPERTISE & CAPABILITIES

For each discipline, our experienced in-house team of Engineers are capable of design as per client's / Architect's requirement and budget. Our site management and multi disciplinary supervision team will co-ordinate and do quality supervision on site activities.

Mechanical Engineering

- Heating, Ventilation and Air conditioning.
- Fire and Life safety systems.
- Fire Protection systems.
- Smoke management system.
- Building Management System
- Indoor Air Quality systems.
- District Cooling & Chiller plant system.

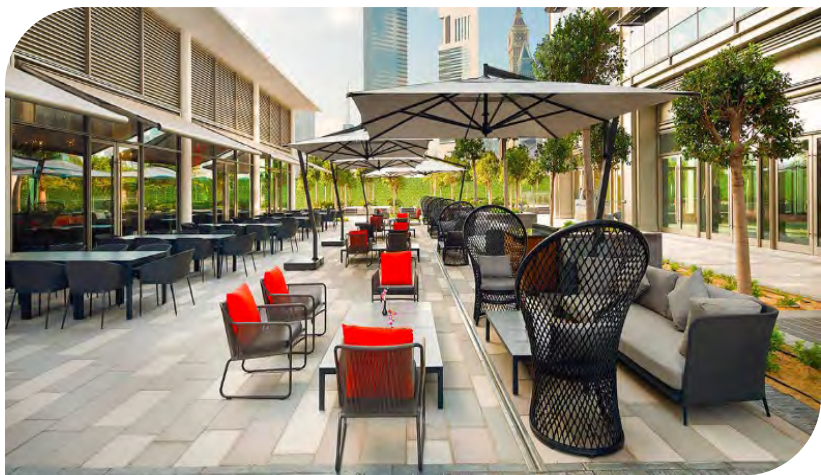


Public Health Engineering

- Water Supply & Drainage systems
- Rainwater & Storm water management systems
- Sewage Treatment system (STP).
- Water Treatment systems (WTP).

Electrical Engineering

- HV/MV/LV Distribution Design.
- UPS , Backup and Captive power generation system.
- Solar PV systems.
- Extra Low Voltage (ELV) systems.
- Lighting Design.
- Emergency Lighting, Signage and Way Finding System.
- Fire Detection and Fire Alarm systems.
- Security and access control systems.
- Structured cabling and Data network.
- AV / PA System.
- Smart Home Automation



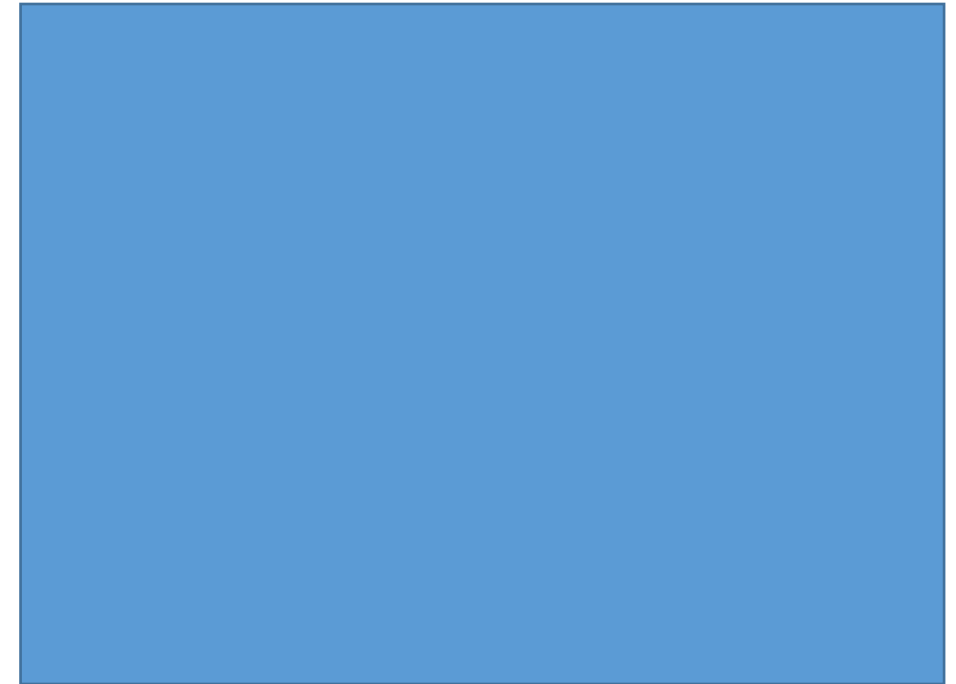
PROJECT MANAGEMENT SERVICES (MEP)

ASECOM offers comprehensive specialized services in project management, including:

- Organogram.
- Project program.
- Strategic teaming and project workshops.
- Value engineering.
- Project risk analysis and Mitigation plan.
- Reporting, Monitoring and Quantity survey.
- Work and material inspection.
- Project Progress Report.



From pre-construction to project close-out, we work together with clients to initiate proactive response and mitigation plan. We continuously coordinate, monitor, inspect and measure that the project work is carried out in a safe, efficient, timely and cost-effective manner in accordance with the project requirements.



Construction Management

Reduce risk, improve quality and deliver projects on time and on budget.



“Connect, organize
and optimize your
project”



Representative Projects Handled by our Team - GCC Region

Mixed Development



One Central Mixed Development –
UAE-Dubai



DWTC Expo Village 2020
UAE- Dubai



Qatar Foundation Head Quarters &
Study Strategic Centre – Qatar



Dubai Exhibition Centre, UAE-Dubai

Retail / Fit outs



Adidas Landmark Mall – Qatar



Adidas City Centre - Qatar



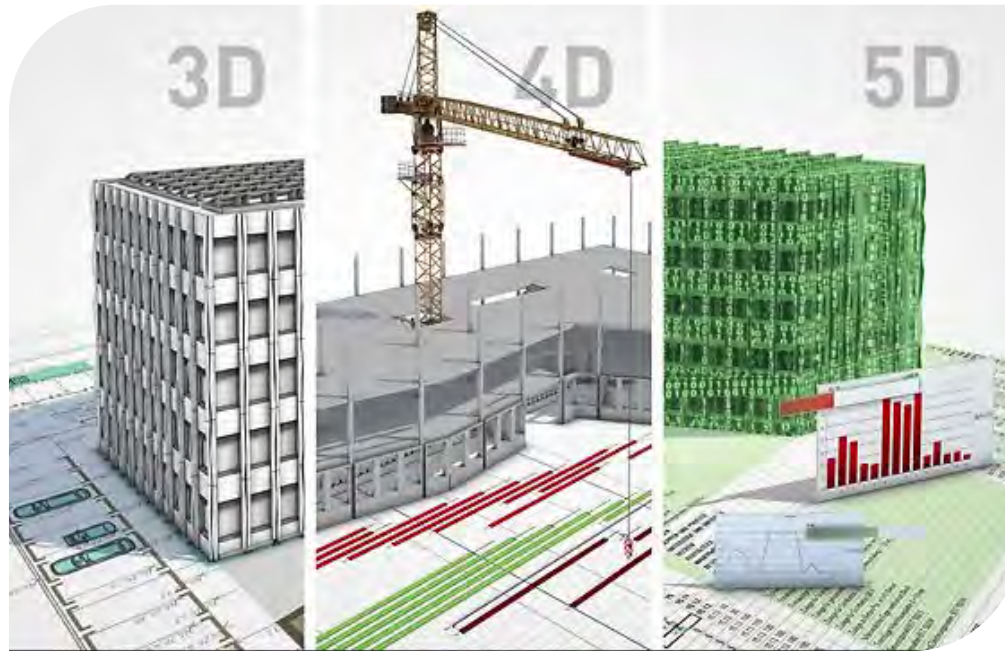
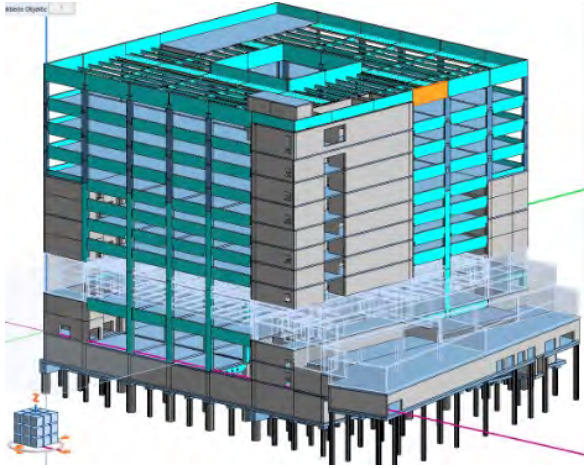
WeWork Office @ Dubai



KPMG Office @ Dubai



BIM with integrated Project Management and Cost Estimation





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