



AJ-MEP CONSTRUCTION PROJECT MANAGEMENT (CPM)

Design Phase	Procurement Phase	Pre-Construction Activities	Construction Stage	Commissioning & Qualification	Integration & Handing-Over
Obtain client brief, to meet (and even exceed) our customer's needs	prepare / review of project Tender Documentation.	Prepare coordinated construction schedule in coordination with all other parties and interfaces	Conduct weekly progress/coordination meetings with the contractors / designer and other project parties	Management and coordination of commissioning contractors and vendors	
Map out and review the project requirements and specifications, standards, stakeholders and other project 3 rd parties	Check and give approval of pre-qualification Tender Documentation (Vendor/sub-contractor)	Check with local Authorities, construction requirements, phases and priorities, and accessibility	Coordinate contractors and conduct site walk-thru. Attend and lead site coordination and interface meeting with all project parties. Monitor design submission and work progress on site against the programme and take necessary steps to ensure the project plan is achieved.	Pre-start safety reviews; check all IRN's prior any test is performed: * Start-up test (Functional test) * Performance test * Interfae test * Integration test	Upon completion of construction, with the assistance of the project architect, we will conduct a project punch list walk-through to identify any items that need further attention.
Coordination of international design team to ensure brief is adhered to and schedule maintained	Procurement of vendor and trade packages; prepare tender reports and held a pre-award meeting with preferred tenderer	Prepare and review all MEP documents related to construction phases: Method-statement, Inspection reports,	Resolve all technical queries and ensure related documents are issued	Execute commissioning protocols to ensure safe and effective energisation of services and equipment	We will then monitor the completion of all punch list items, ensuring that the general contractor is working in a timely fashion to complete all items.
Conduct continuous Audit to all project parties to ensure compliance and completion Target	Check MEP project materials with related Vendors, and ensure the compliance with project specification and related material submittals	Design Assist and Constructability review	Monitor progress, provide weekly schedule update and manage suppliers and contractors to meet schedule milestones	Our AJ-MEP Team tests all aspects of the final build to ensure they are functional and code-complaint before training the owner(s)/operator on how to use and maintain the build.	
Prepare master schedule in coordination with other project parties / disciplines	Check Material availability in-compliance with project schedule and expedite delivery of long-lead items	Check QA/QC documents and related inspections IR's and ITP's.	Monitor workmanship and agree rectification of defects. Quality management including stage inspections and preparation/closure of punchlists	As-Built drawings to check and ensure that all MEP latest drawings are red marked with the most recent installation as per project requirements and standards, in accordance with quality assurance team.	
Prepare control cost estimate		Check CSD (combined service drawing) drawings and builder's work drawings	Review and approve Contractor Completion Packs and installation inspection	Preparation of testing and commissioning SAT Procedures and protocols	
Conduct Project Risk Analysis		Define all the required Materials "especially long lead items" within the project.	Excellent HSE performance is achieved through our transparent culture, our and by our robust systems.	All services are performed in adherence to our/project QHSE.	

We check all the required research into building codes, safety requirements, and space constraints, MEP equipment calculation and system requirements; develop system flow diagrams; select equipment; check material specifications; assist with agency plan check; and prepare biddable construction documents.

Once the owner takes over the building, our expertise team continues to provide services and performing repairs under a warranty period (refer to the signed contract) to ensure everything is operational and secure.

AJ-Engineering is skilled at analyzing and applying the relevant national and international standards to match individual projects, and incorporating the particular requirements of local authorities and fire consultant's fire strategies.

We are available for our clients from the development of MEP detail design stage up to assistance during the construction phases, "taking into consideration the integration with the other specialties such as structural design and architectural design" to ensure that an effective, efficient and streamlined construction can be realized; and each phase our client's needs are understood and delivered on.