**Mohamed**

**E-mail:** Mohamed.379897@2freemail.com

*Highly capable MEP Manager, with over 14+ years’ experience in executing Design, Construction and Project Management of major MEP projects, seeking a senior managerial assignment of……*

**Senior MechanicalEngineer / MEP Manager / MEP Coordinator**

(Construction / Consultancy)

Organized and skilled MEP professional, with **14+** years’ experience in managing high profile projects with contract values exceeding US$ 770 Million, and a portfolio of multinational clients; Specialized in HVAC, Firefighting, plumbing, Natural gas, Building Management System, operation and projects management.Proven track record of efficiently managing MEP projects with highest quality, within budget by effectively organizing, managing and utilizing all the available resources; able to efficiently lead teams to undertake design, execution and commissioning of large MEP projects of Schools, Residential Towers & Villas, commercial & Bank Buildings, Airport Car park Building and Filling Stations; possess exceptional ability to handle engineering, Tendering, Bid analysis, finalization of vendors & contracts, settlement of variation claims, cost analysis and final account closures etc; strong work ethics with ability to work under pressure and take on difficult and complex challenges. In pursuit of new endeavors, to utilize the acquired skill and competencies gained over the years. Familiar with standards and local authorities’ requirements.

**AREAS OF EXPERTISE**

* MEP Project Management
* Bill of Quantities
* Value Engineering
* Site Supervision
* MEP Document/ Blueprints
* HVAC Work
* Plumbing Work
* Firefighting Work
* Site Execution
* Testing and commissioning
* Project close-out
* Client relationships
* Construction Blueprints
* Technical Bid Evaluation
* Budgeting and Cost Control
* Proposal Documentation
* Tender Documentation
* Shop Drawings
* Team Leadership & Management

**Computer Skills:** EQUEST energy modeling., HAP (Hourly analysis program), AutoCAD & MEP Revit, Microsoft office, Primavera 6

**EXPERIENCE SUMMARY**

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| **Al Mansouri 3B Construction LLC, Abu Dhabi, U.A.E** |  |
| **MEP Manager / MEP Coordinator: Sep. 2016- Present** |

**Key Responsibilities:**

* Lead the assessment of construction & installation and testing & commissioning of all building systems in compliance with the project design brief, specifications & contract documents, assuring that the project is completed, ready for occupation meeting client expectations.
* Provide leadership, guidance and support to the project team by developing, integrating and implementing strategies that maximize the efficiency of the project.
* Monitor project budgets and schedule and oversee performance to ensure on time, quality and on budget project execution
* Perform Value Engineering for MEP Packages (Mechanical, Electrical, and Plumbing).
* Study in detail the scope of work, specifications, equipment schedule and review of project BOQ.
* Review Technical Specifications, Contract drawings, detailed scope of works, Bill of Quantities and floating the same in installation modifications.
* Attend regular meetings (on work progress, coordination, design, etc.) with Main Contractor and Consultant to discuss key issues related to the project and take effective corrective actions.
* Ensure strict compliance of MEP construction activities with the company’s QA policies.
* Coordinate with procurement department to float tender enquiries, short listing of tenders after techno-commercial meetings and final selection of Consultants and Contractors.
* Follow up with site team on regular basis to monitor the progress on site against the planned program and budget. Resolve any issues related to MEP and appraising management if needed.
* Parform site visits, monitoring construction operations to confirm, they are being carried out in accordance with design intent and operations strategy, standards, policies, procedures.
* Perform Project Closeout,consolidating project documentation and files and delivering all necessary manuals to the Owner.
* Manage subcontractor closeout, transfering utilities, conducting owner training, and punch list process.

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| **Al Suweidi Engineering Consultant, ABU DHABI, U.A.E**  |  |
| **Senior Mechanical / MEP Coordinator: Dec 2014- Sep 2016** |

**Key Responsibilities:**

* Efficiently managed the design deliverables, technical specifications, Bill of quantities &Permits.
* Reviewed all project documents (specification, design drawings, vendor list etc for all mechanical work including (HVAC, Plumbing, Firefighting, BMS) etc
* Coordinated with commercial department to initiate action to float tender enquiries, and assisted in Bid analysis, short listing of tenders after techno-commercial meetings and final selection of vendors and sub-contractors for the MEP services.
* Reviewed & Approved Technical Submittal’s with close coordination with Consultant and Client teams.
* Monitored and reviewed sub-contractors’ activities and identified potential issues and proactively identified solutions to redress them.
* Provided Technical support for the contractor (coordination, RFI, etc)
* Attended weekly progress meetingand work shop meeting with contractors and subcontractors.
* Ensured that the contractor follows the QA/QC procedures and approved Mothed statements.
* Checked and approvedvariation orders or change orders to alter the scope of works through addition, substitution or omission from the original scope of works claims for the payment.
* Reviewed and analyzed the estimated cost of MEP systems for different phases of the project.
* Compiled costs for different phases and provided suggestions that can be implemented to reduce costs.
* Analyzed the causes of fluctuation in the estimated and actual costs and provided statistical reports to the cost accounting manager.
* Reviewed all testing and commissioning procedures and snagging and d-snagging for all activities.
* Managed the Review / approval of close out documents (O&M manuals, warranties certificate, spare part list etc. as per project requirements and followed up with the authorities for approval and handing over
* Delivered all warranties, as-built and training to the owner.

***Career Path***

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| **Arkan Architects Consultants, Abu Dhabi, U.A.E****Senior Mechanical / MEP Coordinator: Mar 2014- Dec 2014**  |  |
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| **APG Consultant, ABU DAHBI, U.A.E****Senior Mechanical Engineer: Mid 2008- Mar 2014** |  |

**Key Responsibilities:**

* Led a team of employees with the responsibility of managing the execution of Mechanical parts of project.
* Studied the scope of work, contract, Technical requirements, specifications and standards to perform the mechanical work in compliance to the specified requirements.
* Established the definition and work scope of items in schedule of rates which is established in accordance with Standard Estimating Guide.
* Obtained approvals of drawings / material submittals from concerned authority / consultants and handed over the marked up drawings as per site conditions to the drawing department.
* Prepared technical specifications, and evaluated mechanical process equipments and material orderings.
* Managed the Bidding / Commercial & Technical bidding evaluation / Contract Documents for selection of the Subcontractors.
* Carried out daily Planning of actvities, scheduling of work and prioritized in sequential order, allocated the manpower, materials & equipments.
* Followed with the Vendors for the timely delivery of the materials at site.
* Attended the project review meeting to discuss about the progress of the project and to resolve issues if any.
* Maintained working relationship with the subcontractors, clients, representatives and suppliers.
* Monitored the work done by the subcontractors, prepared commercial queries and evaluated subcontractors documents.
* Coordinated with the Project Manager and ensured that the work carried out is in accordance to the schedule.
* Maintained documents regarding the progress of the construction process on day to day basis and kept proper records of testing & commissioning of individual systems for onward submission.
* Arranged/Scheduled inspection of works by the Consultant at site upon raising of IR.
* Prepared documents, technical hand books and organized training sessions to client representative (Engineers, Technicians)

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| **Al OBOOR for Development and Construction L.L.C., ABU DAHBI, U.A.E** **Mechanical Engineer: Sep 2006- Mid 2008** |  |

**Key Responsibilities:**

* Led the HVAC site team, managed all mechanical, plumbing construction activities including coordination with clients, consultants and architects for providing technical inputs & managed the site activities.
* Prepared HVAC Drawings (HVAC Plan, Section, Schematic etc.) with respect to design requirements and contract requirements with coordination of other disciplines and submitted as per the approved schedules to the consultant / client for review & approval.
* Prepared and submitted as built drawings and O & M manuals to consultant for approval.
* Followed up the Installation works and allocation of workforce as per demand during the course of the execution of the project.
* Coordinated with Firefighting and Electrical works and submitted reports of day to day activities to the Engineering Manager.
* Interacted closely with consultants for the preparation of shop drawings and as built drawings.
* Placed orders for materials as per approved material submittals & specifications and coordinated with various suppliers for the speedy delivery of the materials ordered and clarified doubts of the suppliers to deliver the correct materials.
* Made site visit to check the workmanship of installations and ensured that the works are carried out as per the approved method statement.
* Conducted internal meetings on weekly basis for HVAC team (Supervisors & foremen) to update the progress achievements and assigning new targets.
* Followed up the works at site regularly and arranged for the required materials in time in order to move the works smoothly.
* Conducted safety meetings and tool box talks on weekly basis to ensure the personal safety of workers and subordinates.

***Career Path***

**AL Otaiba&Garg Contracting L.L.C, Abu Dhabi, UAE**

**Mechanical Engineer: Jul 2004 – Aug 2006**

**PROJECT SCAN**

**Please refer the Annexure**

**CREDENTIALS**

**Education**

* **B.Sc. in Mechanical Engineering -** Mansoura University, Egypt: 2003

**Professional Development / Training**

* Pearl qualified professional ( PBRS) – Certified
* Professional project management program ( PMP) – 35 hours Training
* Professional scheduling project ( PSP) - 35 hours Training
* Scheduling and Cost Control - 10 hours Training
* Tendering and Estimating the bill of quantity - 12 hours Training
* Automatic sprinkler inspection, testing & maintenance
* HVAC load calculations & cooling load profiling /Energy simulation
* REVIT 2013 MEP
* Green Building Core - LEED GA - 8 hours Training
* Value Engineering in Projects - 12 hours Training

**On-going trainings and certificates:**

* BCxP by Ashrae
* ASQ Certified Quality Engineer

**Membership & Professional Affiliations:**

* Member of National Fire Protections association – (NFPA) U.S.A
* Member of ASHRAE
* Member of Egyptian Engineers Syndicate 2003
* Member of Society of Engineers U.A.E
* Member of Project Management Institute

**Client Approvals**

* Musanada
* CMW
* ADNOC
* ADCP
* NBAD

**PERSONAL PARTICULARS**

**Date of Birth:** 1stDecember 1980~**Languages Known:** Arabic, English~**Nationality:** Egyptian~**Marital Status**: Married

**Visa:**Employment Visa~**Driving license:** U.A.E license