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Detail-oriented engineer with site monitoring of electromechanical equipment commissioning and technical office operations, including review of shop drawings, submittals, and vendor management for purchase orders, completed the installation of Nubarya Water treatment plant, a three-phase water treatment plant and handed it over to the owner, quantity survey of site equipment including mep work and quantity take off.

Education

Bachelor of Science in Mechanical Power Engineering

Arab Academy for Science, Technology & Maritime Transport

GPA: 2.9 (Very Good)

September 2014 - July 2019

Employment History

Kharafi National SAE | January 2025 – Present

Senior Qs commercial Engineer

- Reviewed the firefighting network for the site and firefighting room in reference to the NFPA code.
- Review all IFC drawings for network
- Installed and supervised over the installation of HDPE piping for firefighting network and welded material on site according to welding procedures
- Tested the welding of the pipes with liquid penetration
- Welded and installed UPVC pipe on site according to the code.
- Prepare BOQ for equipment and maintain inventory according to submittals.
- Did a quantity take off for site equipment and cost estimation
- Quantity survey of mep works including, hvac ducts, fire fighting ,fire alarm ,plumbing systems.
- Coordinating with site team to ensure as built drawings ,shop drawings are same as quantity survey and to handle discrepancy in quantity accordingly as contract requirements.
- Handling of subcontractors
- Handled variation order (Vo) with subcontractors and change requests
- Prepared client, and subcontractor invoice.
- Prepare RFQ's.

Hassan Allam Holding | July 2021 – Jan 2025

Project Engineer

- Review and validate P&ID designs prior to implementation.
- Manage procurement processes for all mechanical site scopes, including purchase requests (PRs) and purchase orders (POs).
- Collaborate with the commissioning team to ensure alignment of shop drawings with design and installation as built on site.
- Create installation requests for third-party verification.
- Generate weekly reports on site progress and commissioning status.
- Technically check MEP drawings, including HVAC systems, firefighting, fire alarm systems, low current systems
- Prepare and submit IR'S , MIR'S and RFI'S and handle timely approvals .
- Resolve NCR'S and fix site issues in accordance to them.
- Completed the installation of the Nubarya water plant as designed and handed over the project to the owner
- Conduct site inspections
- Installed split unit network for site buildings.
- Knowledgeable about various pumps, valves, and compressors and their applications.
- Familiar with procurement processes, ensuring timely availability of materials, vendor selection, and bid management.
- Coordinate with finance, warehouse, construction, and commissioning teams.
- Understand project cycles, including stakeholder analysis and RACI chart utilization for project communication.
- Familiar with various project management methodologies, including Agile, Waterfall, and Lean Six Sigma.
- Commissioning and installation of ciclo- three phased water treatment system.
- Followed welding procedures of stainless piping and duct iron.
- Pump installation and alignment done on site as procedures .
- Provide weekly reports of site and coordinate with planning and technical office
- Assesses project needs

Postgraduate Courses

- Roles of Procurement in EPC Construction Projects (June 2024)
- Project Initiation: Starting a Successful Project (February - March 2024, Google Learning)
- Project Planning: Putting It All Together (March - May 2024, Google Learning)
- Initiating and Planning Projects (October - December 2023, University of California, Irvine)
- Electrical Power Distribution (September - October 2023, I&T Institution)
- HVAC System Design (August 2023 - September 2023, Infinity Training and Development)
- IELTS: 7 May 2021

Undergraduate Training

- Intelligent Machines (August 2018 - September 2018, University of Central Lancashire)
- Heavy Equipment (August 2017 - September 2017, Arab Contractors)

Skills

- Autocad (intermediate)
- Excel (expert)
- Primavera (beginner)
- Project Management

Languages

- English (Native 7 IELTS)
- Arabic (Native)