Mohamed Awad, EIT, Project manager

Surrey, BC | Phone: +1 778-957-8331 | Email: abouelomren@yahoo.com | LinkedIn.com/in/mohamed-awad-96780a7b

Date: 24/06/2024

Re: Project Manager

Dear Hiring Manager

With over 10 years of experience as a Project Manager, I have built my career on one simple principle: work smarter. I have a proven track record of driving on-time project completion, finding ways to streamline inefficient procedures, and consistently striving to boost the productivity of everyone around me. I am particularly attracted to your organizationbecause of its reputation for delivering high-quality construction projects and I know that my combined experience of project management and coordination will allow me to contribute effectively to your team.

Throughout my career, I have been responsible for managing multiple projects at once. In my most recent role with CDM Smith Inc., I was the Resident Engineer on two projects simultaneously, using my strategic planning and efficient organizational skills to ensure that both projects met the set goals and timelines while staying within budget. In my previous roles, I participated in projects ranging from $72M CAD - $280M CAD where I honed my skills in implementing efficient and innovative solutions to the complex issues my projects faced. I ensured daily operational aspects were conducted professionally while adhering to corporate standards, industry regulations, and professional ethics.

Asking the right questions are a strong suit of mine, ensuring that the final product perfectly mirrors what the client is seeking to receive. I build lasting relationships with both internal and external contacts and confidently lead teams to deliver successful projects. My strong work ethic and desire to learn push me to continually grow as a professional and I welcome opportunities that challenge me.

I am eager to bring my strong commitment to quality and my passion for the construction industry to your team. I would welcome the opportunity to speak with you further about how my skills and experience will be an asset to your organization. I am available for relocation across Canada, and I can be reached by phone at 778-957-8331 or email at abouelomren@yahoo.com.

Sincerely,

Mohamed Awad

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**HIGHLIGHTS OF QUALIFICATIONS**

* Over 10+ years of project-specific experience in mechanical engineering, leadership for combined cycle power plants, Sewage Treatment Plants (STP), Treated Sewage Effluent (TSE), storm water and sewage pumping stations infrastructure projects, and diverse mechanical electrical plumbing (MEP), and devices.
* Consistently drive on-time, on-budget delivery of multi-million-dollar infrastructure projects including saving $100K CAD on re-work of mechanical installation.
* Proven ability to collaborate effectively within cross-functional teams to deliver high-quality projects.
* Experienced in Procure, Bluebeam, AutoCAD, Microsoft Project, and Microsoft Office Suite.

**PROFESSIONAL EXPERIENCE**

**Resident Engineer June 2022 – Dec 2023**

CDM Smith Inc. – Vancouver, BC

*Global privately owned engineering and construction firm providing client service and solutions in water, environment, transportation, energy and facilities.*

***Project:*** *Metro Vancouver Golden Ears Forcemain and River Crossing Project (GEFORC), Jan 2023 to Dec 2023, Maple Ridge, BC*

* Supported procurement and technical teams for foul sewer, wastewater, pumping stations, horizontal directional drilling (HDD) and M&E equipment.
* Leveraged technical expertise to proactively identify a gap tolerance issue with steel-HDPE pipe connections and recommended corrective actions saving the project $100K.
* Oversaw project teams on successful installation of 42" HDPE pipes and 36" steel pipes by providing technical expertise in construction methods, materials (sheet piles, shoring cages), and equipment selection. Completed open cut works on time, ensuring timely completion of the construction project.
* Led concept and detailed design reports for municipal infrastructure projects, including water and wastewater treatment facilities, ensuring adherence to project specifications and regulatory standards.
* Ensured compliance with health, safety, and environmental regulations and standards, and implemented appropriate measures to mitigate risks and ensure safe working conditions for project personnel.
* Managed project budgets & reports (progress, cost estimates, technical) and communicated project status to stakeholders.

***Project:*** *Metro Vancouver Annacis Island Waste Water Treatment Plant (WWTP) Transient Mitigation and Outfall, June 2022 to Dec 2023, Delta, BC*

* Spearheaded the Annacis Island Wastewater Treatment Plant Outfall Pipeline Project, successfully managing challenges related to construction delays and quality control, saving $100K.
* Resolved issue with Tunnel Boring Machine (TBM) stall 1.5m from finish due to debris by liaising with contractor to deploy divers, clear blockage, and get project back on track after 12-month delay.
* Proactively monitored project performance in terms of costs, schedule, quality, and overall status, ensuring on-time and within-budget completion while meeting contractual obligations which positively impacted stakeholders.
* Managed heavy civil/mechanical construction inspections, documentation, and oversight. Ensured compliance with plans, submittals, Request for Information (RFIs), Request for Variance (RFVs), and coordinated with contractor quality programs.
* Built strong relationship with clients, subcontractors, suppliers, and stakeholders, ensuring transparent communication and a well-informed project team.

**Project Manager Sep 2019 – May 2022**

CDM Smith Inc., Doha, Qatar

***Project:*** *Construction of D-Line TSE Pumping Station & Transmission Main Infrastructure $280M CAD, Aug 2019 to May 2022.*

* Managed the $280M D-Line TSE Pumping Station & Transmission project and led an 8-person team, optimizing the design and material quality to enhance project outcomes.
* Proactively identified leak risk and instructed contractor to replace low-grade nuts & bolts with SS 316 L stainless steel, preventing downtime and saving client costs.
* Identified critical pump/motor mismatch plinth dimension in IFC drawings compared with pump/motor dimension in material submittal, preventing high maintenance costs. Proactively proposed an alternative air-cooled electric motor model and facilitated updates with designer and manufacturer.

**MEP Engineer Aug 2017– Sep 2019**

ITALCONSULT, Doha, Qatar

*Global design, engineering, and project management in the infrastructure, Transportation, Buildings, Water, Local Roads and Drainage, and Highways.*

***Projects:*** *Road and Infrastructure for Umm Salal Integrated Worker Accommodation Community (IWAC) $72M CAD; Sewer Pumping Station and Foul Sewer Rising Main, $45M CAD, Aug 2017-Sep 2019*

* Managed a team of 10 civil, mechanical, and electrical engineers on heavy civil, electrical, and mechanical projects. Provided technical expertise and guidance during the testing, commissioning, and startup of pumping stations.
* Improved pumping station & sewer rising main design, reducing operational and maintenance costs while ensuring public safety requirements were met.
* Performed on-site inspections of pumping station equipment (pumps, valves, piping, cranes, electrical systems) to verify compliance with construction plans and project specifications.

**Senior Site Engineer - Mechanical Dec 2013– Aug 2017**

Khatib & Alami Consolidated Engineering Company (CEC), Doha, Qatar

*A multidisciplinary urban and regional planning, architectural and engineering consulting company operating across the Middle East, Africa, South-East Asia and Europe.*

***Projects:*** *Sewer Network, PSK Sewer Pumping Station & Foul Sewer Rising Main, $45M CAD, Oct 2013– Aug 2017*

* Led 15-member team in the mechanical execution & commissioning of PSK dry well pumps (hydrostatic test passed). Supported contractor, earning appreciation letter from Resident Engineer for dedication to the project.
* Proactive PSK pumping station inspection identified loose bolts on ductile iron pipes and valves. Initiated repairs by securing proper wrenches, preventing a potential $5,000 cost impact.
* Directed mechanical and civil aspects of the Al Khor Sewerage Construction project, ensured compliance and quality standards, resulting in successful commissioning and client satisfaction.

**Senior Mechanical Engineer May 2010– Oct 2013**

ASHGHAL Public Works Authority (PWA) Doha, Qatar

*Operation & Maintenance Dept., Pumping Stations Divisions*

* Collaborated with O&M Manager and project managers to deliver capital projects for storm water/sewage pumping station refurbishments.
* Supported all phases from scope development and cost estimates to specifications, procurement, electromechanical equipment installations, testing and commissioning, and project close out.
* Successfully tested and commissioned pump stations (pumps, screens, surge vessels, cranes, electrical systems) following refurbishment, ensuring on-time and budget completion.
* Led refurbishment of storm water & sewerage pumping stations, and managed scope, cost, specs, procurement & installation of M&E equipment. Completed on time, on budget, and snag-free within the 400-day warranty.

**Senior Operation Engineer Sep 2003 – Apr 2010**

**Ras Laffan Power Company, Doha, Qatar**

*The first independent power and water plant in State of Qatar, producing contracted capacity of 756 MW per hour of electricity and 40 million gallons per day of water.*

* Safely led shutdown, startup, and commissioning of Power Block-1 (gas/steam turbines, HRSG) and Water Block (MSF, pumps, water treatment) for major outage resolution.
* Selected for operations team due to effective coordination with mechanical/electrical/instrumentation/

maintenance departments.

* Received appreciation letter from Plant Manager on dedicated works carried out during outage and shut down of steam turbine, gas turbine, and HRSG.

**Mechanical Engineer Aug 2001 – Aug 2003**

Ministry of Municipality and Urban Planning, Doha, Qatar

*A government agency responsible for the planning, development, and management of Qatar’s urban environment.*

* Coordinated the purchasing activities in local, regional, and international markets ensuring an efficient supply of materials.
* Developed procurement program to improve efficiency of spare part ordering and delivery from suppliers saving storage and running cost of manpower and materials.

**EDUCATION**

 Bachelor of Science, Mechanical Engineering, *Qatar University, Doha, Qatar* **2001**

**PROFESSIONAL DEVELOPMENT**

Engineer-In-Training (EIT)-Engineers & Geoscientists British Columbia (EGBC)  **June 2021**

Engineer-In-Training (EIT)-Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) **May 2021**

Chartered Engineer (C.Eng) – MIMechE, Institution of Mechanical Engineers (IMechE) **Feb 2016**