

## HAITHAM ALI QASIM JARADAT

**Current Location:** Sharjah, United Arab Emirates

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### Professional Summary

Offering **over 19 years'** experience in managing of INDUSTRIAL, Water / Wastewater and oil well artificial lift Electrical Submersible service pumps (ESP) for oil fields projects, ranging from \$1M+ ensuring budget, timeline, and quality requirements. Well versed with medium and low voltage systems and equipment, DC system, motors, and Instrumentation & Control (I&C) systems.

- ✓ Electrical Engineering
- ✓ Power & Control System Design & Layout
- ✓ Estimation/BOQ/Specs Finalization
- ✓ MS Office
- ✓ Design Process tool mythology
- ✓ Revit & AutoCAD Knowledge
- ✓ Testing (FAT)/Inspections
- ✓ Execute and lead
- ✓ Troubleshooting & Repair
- ✓ O&M of ESP & Accessories
- ✓ Relationship Management
- ✓ Industrial, Oil, Water/Wastewater Electrical Discipline
- ✓ Strong Written and Oral Communication
- ✓ Management & Leadership Skills

### KEY QUALIFICATIONS

- ✎ Prepare electrical engineering designs, including layout, design schematics, calculations, and conceptual designs, utilizing standard methods and project principles. Disciplined leads, estimators, designers, engineers, and construction professionals to produce specifications, estimates and electrical design development.
- ✎ Evaluate, select, and apply engineering techniques, procedures, and criteria to design medium to large industrial projects.
- ✎ Formulate technical specifications and prepare interface points with construction partners. Schedule, review, and coordinate design efforts with other project personnel, performing bid evaluations of equipment and construction proposals and developing recommendations for contract award.
- ✎ Ensure the quality of design and estimating is delivered in a consistent manner with the Kiewit Standard Operating Procedures.
- ✎ Work independently on small projects, or as a part of a large multi-discipline team on larger projects, including working with both in-house inter-discipline engineers and construction partners to provide our clients the industry's best of both engineering and physical design.
- ✎ Analyze project specifications, drawings, and technical documents to formulate accurate and comprehensive cost estimates.
- ✎ Collaborate with engineering, procurement, and construction teams to gather necessary information and input for cost estimations.
- ✎ Review and analyze vendor and subcontractor quotations to ensure competitiveness and accuracy.
- ✎ Prepare and present cost estimates, proposals, and bid documents to clients.
- ✎ Support project managers during the negotiation and contract award process
- ✎ Experience with design/build and conceptual estimating from bridging documents.
- ✎ Experience with electrical equipment (Transformers, Switchgear, Cables, MCCs, Panelboards, Generators, UPS, DC Charger, Instrument) sizing and specification and expertise in mitigate Control and monitoring process and philosophy.
- ✎ Experience in carrying and developing calculations and studies such as: short circuit, load flow, motor starting, and grounding analysis and provide the requirements and inputs to use ETAP software analysis tools
- ✎ Provide technology solutions to streamline processes and use data to make informed business decisions.
- ✎ Ability to develop, modify and define the required control and monitoring devices according to process, Hazop (Hazard and operability study), cause and effect changes, P&ID and control philosophy.
- ✎ Experience and specialist in selection, installation, testing, commissioning, maintenance, troubleshooting & failure analysis of Electrical Submersible Pumps- Artificial Lift- ESP.
- ✎ Strong team player with excellent analytical, communication and problem-solving skills capable of working with minimum supervision and in multi-cultural environment.

### PROFESSIONAL EXPERIENCE

**Senior Engineer- Electrical** since Sep 2011  
**Metito Overseas Ltd. – UAE**

### *Projects Handled*

- ✎ Ruwais Complex Housing STP Phase III. Project Cost: AED 200 Million.  
Client: Abu Dhabi National Oil Co. (ADNOC), UAE.
- ✎ Rehabilitation of Abu Dhabi SPS Phase II. Project Cost: AED 65 Million.  
Client: Abu Dhabi Sewage Service Co. (ADSSC), UAE.
- ✎ Construction of an integrated sewage system for tariff and Bida Mutawa, Western region. Project Cost: AED 108 Million.  
Client: Abu Dhabi Sewage Service Co. (ADSSC), UAE.
- ✎ KPIZ-Industrial zone-STP. Project Cost: AED 110 Million.  
Client: Abu Dhabi ports Company. (AD Ports Group), UAE.
- ✎ Sharjah Treatment work phase 4 and 5. Project Cost: AED 215 Million.  
Client: Sharjah Government- DPW, UAE.
- ✎ Inlet Work for AL Filayah STP. Project Cost: AED 49 Million.  
Client: Ras Al Khaimah-RAKWA, UAE.
- ✎ Sewage System for DS197/1. Project Cost: AED119 Million.  
Client: Dubai Government -Dubai Municipality-DPD, UAE.

### *Job Profile*

- ✎ Analyze project specifications, drawings, and technical documents to formulate accurate and comprehensive cost estimates.
- ✎ Collaborate with engineering, procurement, and construction teams to gather necessary information and input for cost estimations.
- ✎ Review and analyze vendor and subcontractor quotations to ensure competitiveness and accuracy.
- ✎ Prepare and present cost estimates, proposals, and bid documents to clients.
- ✎ Support project managers during the negotiation and contract award process.
- ✎ Experience with design/build and conceptual estimating from bridging documents.
- ✎ Experience with electrical equipment (Transformers, Generator, Switchgear, Cables, MCCs, Panelboards, Generators, UPS, DC Charger, Instrument) sizing and specification and expertise in mitigate Control and monitoring process and philosophy.
- ✎ Prepare technically advanced and cost-effective electrical designs compatible with the overall design.
- ✎ Create and update the SLD, load schedule, Load flow, earthing, lightning, cable sizing, method statement, loop diagram, schematic/wiring diagram for lighting & Small Power, firefighting and alarm system, ELV, UPS, battery charger and equipment selection and I/O list.
- ✎ Comply with client specifications as well as internal and external technical, safety and quality standards.
- ✎ Participate in FAT, SAT and Installation and witness commissioning of the system and equipment.
- ✎ Deliver design including the all related drawings and equipment lists.
- ✎ Liaise with the process and projects engineers to obtain the input required and to ensure smooth implementation of the approved design.
- ✎ Prepare Instrumentation design including the hookup and the MEP coordination Drawings.
- ✎ Comply with all applicable legal and HSE requirements/procedures.
- ✎ Reviews the contract specifications, process design and client requirements and prepare technical documentation for approval by the client/consultant.

### **Site Operation Supervisor Al-Khorayef WSP – Sudan**

Apr 2010 – Apr 2011

### *Projects Handled*

- ✎ Operation and maintenance the ESP oil wells at HEGLIG field. Project Cost: USD 76 Million.  
Client: Great Nile Oil production Co. (GNPOC), Sudan.

### *Job Profile*

- ✎ Participate in development and lead the execution of the ESP services growth strategy for the geo-market taking into consideration the financials and operational excellence.
- ✎ Build strong long-term relationships with customers within the region
- ✎ Lead complete field resource management efforts.
- ✎ Responsible for overall operation and maintenance management of services shops and facilities in the region.
- ✎ Ensure compliance of local and Customer EHS requirements.
- ✎ Lead and support all services operational processes & initiatives.
- ✎ Work closely with region Project Leaders to ensure appropriate coverage and capture of opportunities to achieve the services orders plan for the region.
- ✎ Provide the operational leadership needed to drive profitable service growth.
- ✎ Responsible for overall business management duties for assigned Field Service Engineers and shop personnel.
- ✎ Manage cost control, quality, and operations-oriented customer communications.
- ✎ Plan, communicate, schedule, and monitor, events and equipment to meet or exceed the requirements of projects with respect to cost, project profitability, overall margin management, timeline, quality, environmental / safety, legal, and other aspects.
- ✎ Ensure that operation functions work at optimal efficiency, including personnel scheduling, monitoring, and reporting of variances, and conduct formal project analysis at completion with a final project summary report.

*Projects Handled*

- ✍ Operation and maintenance the ESP oil wells at Wafra field of Joint operation. *Project Cost: USD 176 Million.*  
*Client: Wafra Joint Operation (Saudi Chevron, KOC), Kuwait.*

*Job Profile*

- ✍ Checks system design for adequate capacity and head lift, correct cable size and sufficient casing clearance, adequate surface KVA and correct size motor controller.
- ✍ Inspects and assembling all types of ESP brand submersible equipment.
- ✍ Supervises and assist with the installation of the down-hole string, and provide guidance during wellhead assembly.
- ✍ Set up surface equipment and insure system safety devices are installed and functioning. Set operating parameters on surface controller.
- ✍ Diagnose problems and recommend or implement appropriate solutions for surface problems including electrical problems, sand production, gas-locking pumps and insufficient fluid production.
- ✍ Perform more specialized electrical work including basic repair work on variable speed drives, trouble shooting down hole pressure systems, converting switchboard wiring from one type of motor controller to another; and installing voltage analyzing equipment.
- ✍ Record checks on installed units at the well site, check amperage and pump performance.
- ✍ Provide customer with written reports, and involve in paperwork for invoicing, equipment identification and tracking, and inventory control.
- ✍ Provide Field Operations Manager with commissioning reports and lessons learned during trouble-shooting.
- ✍ Conduct failure analysis and provide recommendations for the ESP system improvement to increase the well run life and production continuity.

## PREVIOUS EXPERIENCE

Jun'04 – Dec'05      **Self Employed**

- ✍ Provided technical services to architecture offices and civil contractors to review and submit the building drawing (Electrical lighting/earthing/ fire alarm...etc.) and followed up with the Syndicate of Engineers and municipality for approval.
- ✍ Reviewed the proposed drawing as per the standards and as per the specifications.

May'03 – Jun'04      **Trainee Engineer**  
**Jordan Telecom - Jordan**

- ✍ Worked on installation of the ADSL, Leased lines.

## EDUCATION & PROFESSIONAL DEVELOPMENT

- ✍ **Bachelor Degree in Electrical Engineering** with specialization in (Power/Control & Machines), Faculty of Engineering, Babil's University-Iraq, Nov 2002.

***Trainings & Certificates***

- ✍ On job training – as ESP Field service engineer.
- ✍ BOSIET training certificate from SMTC/EIMA centre, valid up to Jan 2018.

## PERSONAL DETAILS

- ✍ **Date of Birth:** January 01, 1978.
- ✍ **Langugaes Known:** Arabic & English.
- ✍ **Nationality:** Jordanian.
- ✍ **Marital Status:** Married.
- ✍ **Passport Details:** No. K959035, valid till Jul 2015.