

Bassem FARHATI

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Senior Electrical Engineer with over than 15 years in Oil & Gas, renewable energy, power plant, and Petrochemical Industries. Accomplished, proactive with significant experiences in electrical contracting including but not limited to installation, site supervision, manufacturing inspection and operation.

Skills

- Familiar with the International industry codes and standards related to intrinsically safe systems and electrical systems for Instrumentation and Atex regulations.
- Good Experience in solar (PV) and/or renewable Energy
- Manage and follow the design brief, detailed design development, coordination of installation works
- Responsible for work schedule and monitor the Progress and approve invoices for payment and reviewing variation orders if any.
- Conduct and witness inspections for electrical Equipments in Factories according to FAT procedure Project requirements, such as (ICSS IFAT, E-SADA IFAT, UCP of Process Skid, PSU, UPS, MV Load Banks, MV&LV Switchgears, Telecommunication Package…,etc).
- Monitor daily electrical activities and verifies compliance to project design, philosophy and Project requirements.
- Support execution team with planning and alignement of technical aspects of the project
- Review design change requestsor proposals in the event of deviations.
- Compile clarifications and requests to the client and share client feedback in terms of scope.
- Prepare the work breakdown structure (WBS) and work progress index.
- Review all deviations occurred by Vendors according to project specifications.
- Development of Sub-contractors limit scope of work (for both electrical and instrumentation works)
- Good practices and experiences in commissioning and operation.
- Performance of SAT with vendors for E&I systems and Equipments.
- Good experience in quality assurance and control.
- Good experience in commissioning and start-up phases

Computer Skills

- Microsoft environment (MS Project, MS Office, MS Excel)
- AutoCAD

Capabilities

- Optimistic and determined attitude
- Resistance to stress
- Flexible and good communication skills

Education

High degree in Electrical Engineering -2004

Training/Certificates

- Qualif. Atex level 3 - 2019 LCIE
- Metrology in instrumentation - 2012 STIR
- Industrial metrology and modern system of quality control - 2007 CETIME

Languages

- Arabic
- French
- English

Experiences

Aug.2020 Up Dec.2021

POSITION: Electrical Superintendent
COMPANY/LOCATION: EPPM/ Ras Tanoura -Al damem KSA
PROJECT NAME: JU'AYMAH TANK FARM JTF
PROJECT DESCRIPTION: Installation of new electrical substation which contains two power transformers,MV bus duct, MV switchgear, LV switchgear (MCC),VSD's and utilities distributions boards. In addition, cable tray installation, cable laying, earthing & lightning system, cathodic protection system for flowlines from tie-ins points to tank farms.
JOB DESCRIPTION:

- Coordinate and implement the Project Baseline schedule in conjunction with the Project Manager.
- Provide information as required to electrical supervisors, subcontractors, management support staff (including Purchasing) and vendors.
- Assist Project Manager with Project Closeout Schedule with Material take offs and Submittal Review.
- Provide Progress Report with Three-Week Look- Ahead Schedule to the Project Manager and field staff.
- Complete electrical package take-offs, prepare electrical estimates and determine project scope of work.

Oct.2015 to Aug.2020

POSITION: E&ICT Lead Package
COMPANY/LOCATION: Max Streicher/ Tataouine - TUNISIA
PROJECT NAME: NAWARA PROJECT
PROJECT DESCRIPTION: The Nawara field development will consist of eight wells, a gathering system and a Central Processing Facility (CPF), where the production stream from the various fields will be separated into condensate and dewpointed gas products for export. The condensate will be exported via the existing Trans Saharan Pipeline Company (TRAPSA) oil pipeline to the La Skhira oil terminal near Gabes. The gas will be exported to a tie-in point to the joint South Tunisian Gas Project (STGP) facilities from where it will be transported via a 320 km gas pipeline to Gabes. At Tataouine, en route to Gabes, the gas will be treated in a dedicated Liquefied Petroleum Gas (LPG) extraction facility to commercial specification required for end user consumption.
JOB DESCRIPTION:

- Performance of E&I Packages FAT's with vendors: ABB Italy for Power Distribution and ICSS, Eurocontrolli for Telecom systems, CEG for UPS and PV system,
  SAFCO for F&G system, SIEMENS for Power Generation.
- Preparing of E&I plans such as planning report, weekly report, Method statements, WBS, status index.
- Assistance during commissioning and start-up phases.
- Development of Sub-contractors limit scope of work (for both electrical and instrumentation works).
- Compile clarifications and requests to the client and share client feedback in terms of scope.
- Attendance of conference call and meeting with the client during EPCC phases.
- Preparation of project E&I Project execution plan.
- Update and the project planning in daily basis.
- Manage a weekly meeting with E&ICT subcontractors.
- Responsible for work schedule and monitor the Progress and approve invoices for payment and reviewing variation orders.
- Review all deviations occurred by Vendors according to project specification.

Aug.2014 to Sep.2015

POSITION: Electrical Supervisor
COMPANY/LOCATION: Lukoil/ Basra - IRAQ
PROJECT NAME: West Qurna II
PROJECT DESCRIPTION: The first phase development of the West Qurna-2 field included the installation of a central oil processing facility (CPF) with a capacity of 400,000bpd. The CPF produces oil from 48 development wells associated with five well pads.
The field infrastructure includes oil storage tanks with a total capacity of 198,000m³ at the Tuba Tank Farm, located 60km away from the Basra City. Other auxiliary infrastructure include a 126MW gas turbine power, 33kV/132kV gas-insulated switchgear, water treatment facility, fuel gas extraction system, drainage systems, a field camp, additional flow lines, and access roads.
JOB DESCRIPTION:

- Following all works related to electrical substations; switchgears installations, cables pulling & testing, wiring termination, MV hi-po testing, earthing& lightning systems around and the top of building, HVAC system, F&G system, lighting system.
- Supervising the installation of overhead lines between wellheads and CPF
- Supervising the installation of cathodic protection system all along flowlines and tank farms.
- Handle the tasks of preparing and updating all electrical issues especially on installation to the electrical site engineer.
- Punch list clearance.

Aug.2013 to Jul 2014

POSITION: E&I Site Engineer
COMPANY/LOCATION: PIRECO/ Marsa Al brega - LIBYA
PROJECT NAME: SWEAT CONDENSATE STABILIZATION
PROJECT DESCRIPTION: EPC project consist on the installation of a new Sweet Condensate Stabilizer Unit in addition to the existing Gas Liquid Recovery Unit in Brega plant. In addition, installation of new electrical substation and control room.
JOB DESCRIPTION:

- Preparing of E&I plans such as planning report, weekly report, Method statements, WBS, status index.
- Reviews the construction plans, drawings and manages documentation.
- Attendance of conference call and meeting with the client and vendors.
- Supervision of E&I works such as; cable pulling, power distribution installation, wiring termination, Heat tracing, cathodic protection (sacrificial anodes) .
- Conduct a team of E&I Electricians.
- Supervise project execution, evaluate and monitor manpower productivity.
- Maintain the different phases of the project and evaluate all the technical problems and resolve them.
- Schedule the work in accordance to project timeline and deadlines.
- Update the project planning in daily basis.
- Performance of loop checks and functional tests.
- Performance of solo run test for electrical motors
- Assistance of SAT with vendors (ABB, Yokogawa, GE, …..,.)
- Punch list clearance

Sep.2010 to Jul 2013

POSITION: E&I Site Engineer
COMPANY/LOCATION: PIRECO JV TECHNIP/AL shkira - TUNISIA
PROJECT NAME: PHOSPHORIC ACID & SULFURIC UNIT
PROJECT DESCRIPTION: Construction of a Sulfuric Acid Plant: Turbo Generator , Hot Utilities, two electrical substations and control room.
JOB DESCRIPTION:

- Leading, motivating, monitoring and overseeing a team of electricians ensure they produce quality work.
- Providing technical guidance regarding the installation.

- Supervising and coordinating the work activities according to productivity and quality standards.
- Conduct walk downs with the client during construction completion work (CCW) and mechanical completion work (MCW) activities.
- Schedule the work activities of manpower, with due consideration of stock materials on hand, current and projected materials equipment and manpower availability.
- Ensure adequate supplies of materials are available to satisfy production planning program.
- Responsible for closely coordinating site activities including coordination with all other contractors to ensure activities and progress is not impeded.
- Supervise the testing and commissioning provided by record all the data and standard format.

Sep.2009 to Aug.2010

POSITION: E&I supervisor
COMPANY/LOCATION: PIRECO /Maamoura - TUNISIA
PROJECT NAME: MAAMOURA AND BARAKA FIELD DEVELOPMENT (Provision of onshore facilities and Services)
PROJECT DESCRIPTION: EPCC which consist the installation of :

- Treatment Plant (CPF) with receiving stations, Oil treatment and Stabilization train, Gas compression and treatment train, LPG treatment train, Storage and loading facilities, Metering Systems, Power supply, all associated Utilities, and all required safety, Control and Communication systems
- 2 pipeline 10" and 12" interconnecting the Tazarka landfall of the offshore sea lines to the Treatment Plant
- Truck loading facilities with metering system for LPG (BUTAPRO1), Stabilized Crude oil, Treated produced water

JOB DESCRIPTION

- Supervision of electrical and instrument activities with subcontractors..
- Manage project execution and monitor work progress in daily basis .
- Manage weekly meeting with subcontractors
- Approve invoices for payment and reviewing variation orders.
- Monitoring and checking all materials delivery at site, outstanding materials.
- Follow up of punch list clearance
- Assistance during commissioning and start-up.

Aug.2008 to Aug.2009

POSITION: E&I supervisor
COMPANY/LOCATION: PIRECO/ Sfax - TUNISIA
PROJECT NAME: HASDRUBAL GAS TERMINAL PROJECT
PROJECT DESCRIPTION: The hasdrubal terminal is an onshore processing facility which shall process the gas to meet required export .This station is powered by a power plant of 4xTurbines (4,6 MW), 4xPrower transformers (2xMT/BT and 2xBT/BT), electrical substation, control room, process skids and utilities.
JOB DESCRIPTION:

- Assign tasks and works according to project execution plan.
- Supervise, direct, support the electrical staff for the execution of E&I works in accordance to project specifications and plans .
- Ensure that materials and equipments are properly delivered before each new activity .
- Designing and implementing work schedules for the electrical staff.
- Inspecting and assessing the work done by the electrical staff.
- Maintaining a safe and clean work area.
- Assistance during commissioning phase

Sep.2007 to Sep.2008

POSITION: E&I Supervisor
COMPANY: PIRECO, Sbeitla - Tunisia
PROJECT NAME: Expansion of the Transtunisian Export Gas Pipeline "Gas Compressor Stations"

PROJECT DESCRIPTION: Installation of 3 gas compressors and tie-ins to existing transport lines with 7 buildings includes electrical substation and control room.

JOB DESCRIPTION:

- following the electrical activities of cables installation, CP system (sacrificial anodes), trace heating (fuel gas lines to turbo-compressors), switchgears installation, power transformers installation, earthing grid and grounding, lightning system, lighting system,..
- Assign job tasks and work as per electrical project schedules.
- Plan and prepare work and equipment usage schedules.
- Schedule, assign, plan and supervise field staff performance.
- Develop electrical material and labor forecasts.
- Train and inform employees about new work procedures.