

EMADELDIN ELMAHDY

Phone: +20 1224444133

Email: emadeldin.elmahdy@yahoo.com

Address: P.O 21614 - Alexandria, EGYPT

Summary

Over 26 years' experience in mechanical engineering focused primarily on Piping @ various industrial sectors (Energy / Oil and Gas) for large and complex projects and EPC Contracts, supporting the project stages (Engineering, construction, pre-commissioning and start-up) thorough knowledge of the field and engineering activities.

Projects Experience

➤ TECHINT Engineering & Construction

- *June 2018 – May 2021* **Site Technical Office Manager**
Mechanical Equipment / Pipe Installation
South Helwan Super Critical Power Plant 3 X 650 MW
- *May 2016 – May 2018* **Field Engineering Coordinator**
Mechanical Equipment / Pipe Installation
AL SHABAB II EPC Brown Field Project
- *Jan 2012 – April 2016* **Site Technical Office Manager**
Mechanical Equipment / Pipe Installation
EI AIN ELSOKHNA 2X650 MW Gas/Oil Fired Supercritical Project
- *Oct 2009 – Dec 2011* **Lead Mechanical Piping Engineer**
3.600 MTPD Methanol Plant – E-METHANEX

➤ TECHINT CIMIMONTUBI

- *Nov 2007 – Sep 2009* **Senior Mechanical Piping Engineer**
CTG & Auxiliaries
EI KURIEMAT III 750 MW Combined Cycle Power Plant
- *May 2005 – Oct 2007* **Mechanical Piping Engineer**
CTG & Auxiliaries
Cairo North II 750 MW Combined Cycle Power Plant
- *Oct 2000 – Apr 2005* **Mechanical Piping Engineer**
Mechanical Equipment / Pipe Installation
SIDI KRIR 2 X 320 MW Gas/Oil Fired Thermal Power Plant
- *Aug 1997 – Sep 2000* **Mechanical Piping Engineer**
Steam Generator & Auxiliaries
SIDI KRIR 2 X 320 MW Gas/Oil Fired Thermal Power Plant

➤ **CUBIERTAS De construcciones**

- *Mar 1996 – July 1997* **Executive Supervisor**
2 X 320 MW Gas/Oil Fired Power Plant

Experience Details

➤ **Technical Office Manager / Field Engineering Coordinator**

- Lead and coordinate the site technical office team to support the project stages (Engineering, construction, pre-commissioning and start-up).
- Ensuring accuracy of information and integrity in compliance with the contract codes, standards.
- Review the contract Specifications to ensure the project completion in accordance to the contract.
- Establish and implement work schedule and budget in order to meet project schedule.
- Interface with client and sub-contractors for all engineering tasks.
- Review the drawings comments from client to handover to fabrication and construction.
- Review and approve of the supplier's / vendors / sub-contractor's drawings, clarifications, progress, invoices and claim.
- Review and evaluate the change notices and back charges with client and sub-contractors.
- Review and approval of field changes and non-conformance.
- Review, follow and prepare all site technical queries such as RFI, FCR and clarification.
- Review contract prices and schedule with the project budget and schedule.
- Preparation of technical office regular progress reports.
- Overseeing the project materials delivery.
- Follow and prepare the quantities survey.
- Follow, control and Approve the field material request.
- Review and prepare the quantities final reconciliation.
- Review and coordinate the final AS BUILT drawings.
- Support procurement with all necessary technical inputs.
- Review and approve the materials for the purchasing.
- Follow and coordinate the drawings cycle process (submission, and approval and as built with client, sub-contractors and vendors).
- Review tenders and proposals.

➤ **Mechanical Piping Engineer**

- Preparation of all piping engineering deliverable and detailed shop drawings.
- Coordination with other disciplines during the engineering, construction, pre-commissioning and start-up.
- Interface with client and sub-contractors for all activities related to the piping work.

- Review P&IDs, line list, piping material classes and piping specification.
- Solve and follow all construction technical queries such as clashes, modification and interfaces.
- Prepare and review of the Piping Engineering scope, Man-hours estimation and progress.
- Prepare and review the materials take off (MTO) from the detailed drawings.
- Review and evaluate the change notices and back charges with client and sub-contractors.
- Review, follow and prepare all site technical queries such as RFI, FCR and clarification.
- Review the drawings comments from client to handover to fabrication and construction.
- Technical support for the piping fabrication and erection work.
- Prepare, follow and control the piping spooling and welding map for fabrication.
- Provide and support the procurement to define the technical information in compliance with contract specifications and data sheets.
- Prepare the master test packages P&IDs.
- Prepare, follow and control all piping test packages.
- Prepare site markup modification and AS BUILT drawings.

Skills

AutoCAD
 MS Office (Word, Excel, Access, Power Point)
 Micro Station
 Adobe Photoshop
 Outlook

Languages

Arabic : Native
 English : Fluent

Education

1994 Technical Diploma in construction
 Industrial Technical Institute, Alexandria 1994

1992 High School certificate - Mathematics Section
 Mubarak High School

Personal Data

Profile : Male, 47 - Married
 Nationality : Egyptian
 Address : Miami, Alexandria – Egypt

EMAD ELMAHDY