

104682-MEC-45CGMnq-E-1986
Freelancer Estimator / Estimation Manager

Holds a B. Sc. in Mechanical Engineering and has about 36 years of experience in the international oil and gas industry performing Cost Estimation, Cost Control, Feasibility Studies, Tender Preparation, Technical & Commercial evaluation of bids, Assessment & Effective Negotiation of Claims / Adjustment Orders and initiation & maintenance of in-house Cost Databases for various types of Upstream / Downstream onshore and offshore oil and gas Mega Projects in Egypt, Libya, Syria, Sudan, Qatar, UAE, KSA, Yemen, Jordan, Iraq, Kuwait, Oman, Venezuela and Kazakhstan.

PERSONAL DATA

Nationality : Egyptian
Birth Year : 1963
Gender : Male
Residence : Currently Abu Dhabi, UAE

EDUCATION

: B. Sc. in Mechanical Engineering, Cairo University, 1986

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: Cost estimate packages: E\$pro, PRA, Maximo, Questimate, Questor, Comphare (for feasibility study)

TRAINING COURSES AND CERTIFICATIONS

: IPMS, Project Management for Capital Projects, Moscow School of Management, Dubai (2014).
: PREVENTIVE MAINTENANCE, SUGAR COMPANY, Egypt (Jun. 1989).
: PETROLEUM INDUSTRIES INTRODUCTION, GUPCO, Egypt (Dec. 1989).
: SAFETY & FIRST AID, GUPCO, Egypt (Jan. 1990).
: WELDING TECHNIQUES, HOCHEST, Egypt (Mar. 1991).
: PERFORMANCE MANAGEMENT, GUPCO, Egypt (Jun. 1992).
: PROJECT CONTROL TRAINING COURSES, ENPPI, Egypt (Apr. 1993).
: CONTRACT EXECUTION & ADMINISTRATION, ENPPI, Egypt (Apr. 2000).
: LUMP SUM CONTRACTING, CFPA, Holland (Dec. 1993).

- : LEADERSHIP & MANAGEMENT SKILLS, GERMAN ARAB CHAMBER, Egypt (Apr. 2005).
- : COMMUNICATION SKILLS, BRITISH COUNCIL, Egypt (May 2002).
- : SUCCESSFUL COST ESTIMATING, CALTECH, USA (Oct. 1997).
- : RISK MANAGEMENT, G. WASHINGTON UNV., USA (Nov. 1997).
- : UNIT PRICE ESTIMATING, R.S.MEANS, USA (Nov. 1997).
- : VALUE MANAGEMENT, SAVE, Egypt (Oct. 2004).
- : CLAIMS IN LOCAL & INTERNATIONAL CONTRACTS (FIDIC), CPAS, Egypt (Feb. 2003).
- : B.O.O.T & B.O.T CONTRACTS AND PROJECTS, TOTALITY, Egypt (Oct. 2001).
- : CAPITAL BUDGETING, INTERNATIONAL CENTER, Egypt (May 2007).
- : COMPHAR III FEASEBILITY STUDY, UNIDO, Egypt (Aug. 2003).
- : BUILDING TRUE SUCCESS, SCOPE, Egypt (Nov. 2005).
- : AN INTRUCTION TO LNG, BG EGYPT (Jul. 2003).
- : ON-JOB TRAINING AT BECHTEL OFFICE IN LONDON FOR ONE MONTH FOR BURULLUS, SCARAB/SAFFRON DEVELOPMENT PROJECT, WEST DELTA DEEP MARINE CONCESSION.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2019 till now
- Job title** : Freelancer Estimator
- Job Description** : Working as Freelancer Estimator for many clients in Iraq, UAE, Egypt and Libya, for the following ongoing projects:
- Estimation Manager for Harlow International Company for their project in Iraq (2800MW Al-Khairat Thermal Power Plant).
 - Cost Estimation Consultant for Red Sea Petrochemical Company in Egypt, the Project is the development of a crude to chemicals complex in the Suez Canal Corridor, to produce high quality petroleum and petrochemicals products. The design feed capacity of the Project is approximately 4MMTPA of crude.

- Dates** : From Apr. 2015 till Dec. 2019
- Employer** : SNC LAVALIN - Abu Dhabi, UAE
- Projects** :
- Umm Shaif Long Term Development Plan 2, concept phase for ADNOC Offshore with Worley in Abu Dhabi
 - Upgrade of Offshore Facilities Firefighting System Feasibility / Conceptual study for KJO (2 new platforms & 14 platforms modification)
 - UMM AL DALKH Early Production Combined Concept and FEED Project for ADNOC Offshore
 - FEED Services of Umm Shaif Long Term Development Plan – Phase 1 for ADNOC Offshore
 - 5 Pump Stations and 1600 Km P/L in Iraq with total cost 8.5 Bln \$
 - CO2 Recovery and Injection from HABSHAN-4 Project for ADNOC Onshore
 - Basra - Najaf Pipeline Project for Harlow International (Iraq)
 - Iraq - Aqaba Pipeline Project for Mass International (Jordon)
 - Shell-PC Camp Expansion Project (UAE)

Job title : Estimation Manager

Job Description :

- Iraq Cross Country Pipeline
- Prepare cost estimate for many offshore and onshore Project in UAE
- Preparing all types of Cost Estimate.
- Participate in commercial evaluation for procurement and construction subcontractors.
- Participating in Estimate Peer review for company estimate in all Company Branches (UK and Qatar).
- Preparing Cost Estimate Format and Data Base in addition Preparing Cost Estimate Basis, methodology and Guidelines.
- Perform CAPEX as well as OPEX Economic analysis, IRR, NPV, calculations for the Projects.

Dates : From Nov. 2013 till Feb. 2015

Employer : LUKOIL - Dubai, UAE

Project : West Qurna-2, YAMAMA Project in Iraq Based in Dubai

Job title : Lead Cost Estimator

Job Description :

- Preparing all types of Cost Estimate.
- Participate in commercial evaluation for procurement and construction subcontractors in addition preparing of all change variations the project budget 12 billion U.S. \$.
- Prepare cost estimate for Nassiriya Refinery in Iraq (19 BIn USD).

Dates : From May 2011 till Nov. 2013

Employer : SHELL - Dubai, UAE

Project : Majnoon Field Development Project in Iraq

Job title : Senior Cost Consultant

Job Description :

- Prepare all types of Cost Estimate (during Identify, Assess, Select, Define and Execute Phases).
- Also preparing budget for all engineering, material and construction work.
- Participate in commercial evaluation for procurement and construction subcontractors in addition Cost Control and preparing of all change variations, the project budget 2.6 billion U.S. \$.
- Prepare more than 260 Cost Estimate (Small, Medium and Large estimate) for the Company.

Dates : From Dec. 2008 till Nov. 2010

Employer : ENI - Kazakhstan
KPO Company (joint venture between ENI (Italy), BG (UK), Chevron (USA) and Lukoil (Russia))

Job title : Cost Estimation Coordinator

Job Description :

- Preparing all classes of estimate as required by company stage gate process.
- Mentoring of Cost Estimation Specialist, Cost Estimation Technicians, Quantity Surveyors and other supporting roles in their development and training.
- Supervise and coordinate the developing and upgrading of Cost Estimation data-base/information system to ensure confidence whilst applying the procedures.

- Develop cost-estimating procedures to cope with company growth and international standards.
- Monitor and control all Project commitments, perform Value of Work Done (VOWD) calculations, cost phasing and follow up & evaluation of all call off for material and subcontractors.
- Participate on preparation of 5 years company work plan.

Dates : From Mar. 1993 till Dec. 2008

Employer : ENPPI, Egypt

- Projects** :
- Offshore Projects:
 - UMM AL DALKH Early Production Combined Concept and FEED Project for ADNOC.
 - FEED Services of Umm Shaif Long Term Development Plan – Phase 1 for ADNOC Offshore.
 - Khafji Field Development for Aramco Saudia.
 - Hilal Platform Project (GUPCO).
 - Amer 8 Platform Development Project and the related Offshore & Onshore Facilities (GPC).
 - PTB, East Delta Gas Field Development.
 - Rehabilitation Project for 25 Platforms (Gupco).
 - N Burullus, WDDM – Phase VII Main Compression Project (Burullus) PC, Hydro cracking Complex.
 - North Idku Development Project.
 - (SUCO) PTB, Gemsa Gas Field Development.
 - Onshore Projects:
 - APRC, Gas Oil Dewaxing.
 - EPC, Utilities & Offsite Facilities for Petrochemical Complex.
 - EGPC, Tobrouk-Alexandria Crude Oil P/L Route Survey & Techno-economic Study.
 - PTB, Ras Fanar Incremental Development.
 - ASORC, Assiut Refinery Debottlenecking Study.
 - TPB, West Qaroun Field (Estimation).
 - CORC, Light Naphtha Isomerization (Estimation).
 - ADCO, 16" Fire Water Line Replacement at Jabal Dhannah, Abu Dhabi.
 - Bapetco, Obayied/Ameriya Pipeline.
 - AGIBA, Meleiha Evacuation Facilities Upgrade.
 - SIDPEC, Utilities & Offsite Facilities.
 - Furat, Saban/Jarnoff Expansion Project in Syria.
- Job Description** :
- Cost Estimation Department Manager (from Jan. 2007 till Dec. 2008):
 - Responsible on all cost estimate and cost studies in company by developed multi-discipline conceptual and definitive estimates for oil and gas projects including all cost aspects of engineering, material / equipment and construction.
 - Preparing all techno-economic studies and feasibility studies for oil and gas projects.
 - Cost Estimation Section Head (from Jan. 2002 till Dec. 2006).
 - Senior Cost Estimation & Control Engineer (from Mar. 1993 till Dec. 2001).

Dates : From 1989 till 1993

Employer : GUPCO (Oil Production Company), Egypt

Job title : Mechanical Construction Engineer

Job Description :

- Four years of experience in Construction Field Supervision of a turnkey project consisting of pipeline coating, welding, laying, tie-ins and testing.
- Activities also included topside facilities installation/relocation including all associated piping, hot tapping, testing and coating up to commissioning for onshore and offshore projects.

Dates : From 1987 till 1989

Employer : Chemical Factory at the Sugar Company, Egypt

Job title : Project Engineer Supervisor

Job Description : Responsible for fabrication, quality control and testing for Annealing and Strification Unit.

Projects:

- KHAFJI FIELD DEVELOPMENT OFFSHORE PROJCT FOR ARAMCO SAUDIA (600 Million \$):
 - The project objective is the Installation of 6 new platforms, modifications of 5 existing platforms, new sub-sea P/L's - total length 110 km sizes 28" / 36" / 42" and laying of 32 km subsea cables.
 - ENPPI SCOPE: EPC LSTK, Engineering, Material Supply, onshore Structure fabrication, offshore laying Installation, Overall Management, Construction Supervision, Commissioning and Start-up.
 - RESPONSIBILITY: Overall cost Estimation & Control of the project.
- GUPCO REHABILITATION OFFSHORE PROJECT IN RED SEA (1.3 Billion \$):
 - Rehabilitation of GUPCO offshore facilities includes,9 complexes .69 satellites platforms, and 1600 km of subsea pipelines in addition to onshore facilities Ras Shukhier / Dahshour / Western Desert including associated pipelines.
 - ENPPI SCOPE: Basic & Detailed Engineering, Procurement Services, Construction, Commissioning and start-up and overall management.
 - RESPONSIBILITY: Overall cost Estimation & Control of the project.
- NOC/EGPC, TOBROUK-ALEXANDRIA CRUDE OIL P/L ROUTE SURVEY & TECHNOECONOMIC STUDY:
 - Installation of crude oil pipeline between Tobrouk and Alexandria to transport about 150,000 BBL/Day (approximately 600 km length).
 - ENPPI SCOPE: Mine clearing, route survey and techno economic study.
 - RESPONSIBILITY: Perform the cost analysis studies and calculations performed to estimate the Total Installed Cost of the optimum pipeline sizes of the crude trunk pipeline and its facilities to transport the crude oil from Tobrouk to Sidi Krir, as well as evaluating the economics of transporting crude via the selected pipeline size for each capacity.
- APRC, GAS OIL DEWAXING:
 - ENPPI SCOPE: Basic & Detailed Engineering and Procurement Services.
 - RESPONSIBILITY: Perform cost studies during Basic Engineering and "TIC" estimate at the end of this phase. Perform Cost Control during Detailed Engineering and Procurement Service phases.

- NGL PROJECT AT PORT SAID:
 - Installation of processing facilities for 1100 MMSCFD feed of natural gases produced from El-Gamil & HA'PY fields to produce propane, LPG, and condensates (dehydration package: 1100 MMSCFD molecular sieve one train).
 - ENPPI SCOPE: EPCM: Basic Engineering Review, Detailed Engineering and Procurement, Construction, Commissioning & Start-up Assistance and Overall Project Management.
 - RESPONSIBILITY: Prepare cost studies, preliminary cost estimate and detailed cost estimate as well as overall cost control of the project.
- PDVSA NGL PLANT (2006) (Venezuela):
 - New NGL Extraction Plant (4th Train) in San Joaquin) – Processing Capacity 1000 MMSCFD of NG – Producing 52,500 BPD of C3.
 - ENPPI SCOPE: Basic Engineering & Procurement Services.
 - RESPONSIBILITY: Prepare Cost Estimate for the project after completing the basic engineer with +/- 15% accuracy, Perform cost estimate for all Material requisition.
- Damietta LNG Project (2002-2005):
 - The Project aims to install LNG plant at Damietta with production of 4.7 MMTY of LNG.
 - ENPPI SCOPE: Lump-sum for engineering services, reimbursable for procurement services & construction supervision.
 - RESPONSIBILITY: Perform "TIC" estimate, cost studies during project executions.
- Egyptian LNG Project (2002-2005):
 - The 1st LNG project in Egypt, two trains LNG plant with a capacity of 3.6 MMTY LNG productions each, located In Idku, Beheira - Northern Coast of Egypt.
 - ENPPI SCOPE: Detailed engineering for: Inlet treating unit, buildings for power generation, LNG storage, flares, marine facilities & utilities.
 - RESPONSIBILITY: Perform "TIC" estimate, cost studies during project executions.
- FURAT, SABAN/JARNOF EXPANSION PROJECT:
 - ENPPI SCOPE: EPC, Lump sum Turnkey Contract.
 - RESPONSIBILITY: Perform "TIC" estimate for P/L, piping bulk, L&R and corrosion material & construction work as well as cost control for the above items.
- FURAT, ENGINEERING, PROCUREMENT SERVICES AND CONSTRUCTION SUPPORT SERVICES AT SYRIA:
 - ENPPI SCOPE: EPC, Lump sum Turnkey Contract.
 - RESPONSIBILITY: Perform "TIC" of the project, working as project engineer in Syria.
- SGC, ARAB GAS PIPELINE PHASE I, II and III (TRANS SYRIA) EPC (1.2 billion \$):
 - CLIENT: Syrian Gas Company (SGC).
 - ENPPI SCOPE: EPC LSTK for Arab Gas Pipeline (Phases I - II - III) from Egypt / Jordanian borders to Europe and also the prospected increase in demands of Syria, Jordan, Turkey and Lebanon (including offshore portion).
 - RESPONSIBILITY:

- Preparation of total installed Cost (TIC) including capital and operating expenditures.
- Preparation of Economic Indicators.
- Cost estimation for transportation Tariff.
- Prepare and issue the Techno-economic study.
- Cost control activity during installation the project.
- BURULLUS, SCARAB/SAFFRON DEVELOPMENT PROJECT, WEST DELTA DEEP MARINE CONCESSION:
 - CLIENT: Burullus Gas Company.
 - ENPPI SCOPE: Subcontractor to Bechtel Co. for the onshore portion. Also, participating with Bechtel in the Feed phase, Detailed Engineering, Procurement Services and Construction Supervision.
 - RESPONSIBILITY:
 - Project Cost Engineer for all project phases (Feed, Detailed Engineering, Procurement and Construction Supervision).
 - Monitoring and controlling the project budget.
 - Issue monthly cost report.
 - Prepare and issue Change Proposals/Orders.
- FEASIBILITY DTUDY FOR SAW PIPE MILL IN EGYPT:
 - CLIENT: EGPC and Kharafi Group.
 - ENPPI SCOPE: Feasibility study for 16 – 64-inch SAW pipe mill at Port Said free zone in Egypt.
 - RESPONSIBILITY:
 - Preparation of Total Installed Cost (TIC) including capital and operating expenditures.
 - Preparation of Feasibility Study and Economic Indicators.

- Field of experience :**
- SPECIALITIES:
 - Understanding the international / local market price changes which will lead to assign appropriate budget for the project, effectively control / forecast of project costs and finally achieving Project Cost Savings.
 - DUTIES & RESPONSIBILITIES:
 - Cost Estimation:
 - Preparation of different types of cost estimates for both released & proposed EPC Turn key Lump-sum projects (During FEED, Basic and Detailed engineering phases of the Project).
 - Prepare and issue all Tenders from company to Clients (Managing estimation of onshore, offshore, EPIC/multidiscipline construction projects from enquiry stage to contract realization). Support the project management throughout the different phases of the project.
 - Preparation of the Estimate Execution Plan, estimate basis, estimate allowances and factors.
 - Preparing Estimates for various types of projects (Oil & Gas, Infrastructure, Pipelines, Petrochemical) onshore & offshore.
 - Direct and control the functional reporting duties of all Cost Estimation engineers to ensure the compatibility with the approval procedures.
 - Responsible for training and upgrading the Cost Estimation engineers through programs / seminars and/or conferences on the up-to-date methods and techniques in their field of control.
 - Define guidelines and support the Cost Estimators to apply the

- procedures and to carry out their duties effectively.
- Manage Estimating Data by collecting actual cost performance. Condition and normalize data for future use, by developing metrics and benchmarking information.
 - Support the project management throughout the different phases of the project.
 - Develop Cost Estimating procedures to cope with company growth up to the international standards.
 - Implement and maintain Cost Estimating procedures on company projects.
 - Supervise and coordinate the work assignment of Cost Estimators and ensure their adequate representation at projects.
 - Perform CAPEX as well as OPEX economic analysis, IRR, NPV, calculations.
 - Carry out cost studies to support the project team decisions in the technical and the contractual matters.