

# 105730-MEC-14568CDEGnq-E-2004

## Cost Estimation & Engineering Team Leader

Holds a B. Sc. in Mechanical Engineering and has more than 13 years hands-on experience working in construction, design and cost estimation.

### PERSONAL DATA

Nationality : Egyptian  
Birth Date : 26/05/1979  
Gender : Male  
Marital Status : Married

### EDUCATION

: B. Sc. in Mechanical Engineering, Menoufia University, 2004

### LANGUAGES

Arabic : Native Language  
English : Fluent

### COMPUTER SKILLS

: Windows, MS Office, Internet

### TRAINING COURSES AND CERTIFICATIONS

: AutoCAD 2D & 3D Course.  
: Primavera Project Planner Course.  
: Cost Control & Budgeting Course.  
: PMP & OSHA & Revit MEP (currently).

### CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2015 till Jan. 2018  
**Employer** : Toledo Arabia LLC - A Membership of ACWA HOLDING & SAUDI TABREED, KSA  
**Projects** :

- AL-TAIF & AL-BAHA WATER TRANSMISSION & STRATEGIC STORAGE WATER SYSTEM (Contract EPC, Client: SWCC, Contract Value: US\$ 225 Million)
- TADAWUL TOWER MEP WORKS-KAFD Riyadh (Contract MEP Works, Client: Samsung, Tender Value: US\$ 179 Million)
- King Abdul Aziz University NORTHERN AREA District Cooling Plant 25000RT (Contract EPC, Client: K.A.U., Tender Value: SAR 336 Million)

- KHAFJI 38MW Photovoltaic Power Plant - EPC contract (Contract EPC, Client: K.A.C.S.T, Tender Value: SAR 210 Million)
- Tabuk Solar Plant 24MW (AC) (Contract PC, Client: M+W Group, Tender Value: SAR 189 Million)
- King Khalid international airport KKIA - District Cooling plant, LC1 / LC2 (Modification & VO) (Contract ME Works, Client: Tabreed & SNC Lavalin, Contract Value: SAR 186 Million)
- Jabal Omer Development District cooling plant 35000 RT-PH-I, II & III (Contract ME Works, Client: Tabreed & SNC Lavalin, Contract Value: SAR 110 Million)
- King Saud University Riyadh - Girls University Project Extension DCP 4000 RT (Contract EPC, Client: KSU, Tender Value: SAR 26 Million)
- King Abdul Aziz University CAPUS PROJECT EXTENSION THE CAPACITY OF CUP 1 - 8000 RT (Contract EPC, Client: KAU, Tender Value: SAR 99 Million)
- SEC Headquarters Riyadh MEP Works (Contract HVAC Works, Client: Shapoorji Pallonji Co., Tender Value: SAR 174 Million)
- LUSAIL DEVELOPMENT WEST-PHASE DISTRICT COOLING PLANT 90000 RT (Contract ME Works, Client: SNC Lavalin Gulf, Tender Value: SAR 143 Million)
- Jabal Omer Development District cooling plant 35000 RT-PH-I, II & III (Contract ME Works, Client: Tabreed & SNC Lavalin, Contract Value: SAR 110 Million)
- Medical Village DCP 15000RT with 1800 m3/day RO plant (Contract EPC, Client: Source Energy, Tender Value: SAR 101 Million)
- King Abdul Aziz University CAPUS PROJECT EXTENSION THE CAPACITY OF CUP 1 - 8000 RT (Contract EPC, Client: KAU, Tender Value: SAR 99 Million)
- P&C of Potable Water Mardumah Pump Station and WS.Storage Tank 100000M3- in Jubail (Contract PC, Client: RC, Tender Value: SAR 84 Million)
- Jabal Omer Development District cooling plant 12000 RT-PH-4 (Contract ME Works, Client: Tabreed & SNC Lavalin, Contract Value: SAR 36 Million)
- Uthmanlyah Khuff ARMCO Gas Wells Pipelines Contract 6600033951 & TIE-IN TO UTMN KGW (Contract Install Only, Client: Aramco, Contract Value: SAR 4.5 Million-Repeated Scope)

**Job title** : Cost Estimation & Engineering Team Leader

**Job Description** :

- Engineering Design & Preparation the Cost Breakdown Structure (CBS) and Finalized Budget with Manpower Histogram and Cost Benefit Analysis for Build-Own-Operate-Transfer (BOOT), Build-Operate-Transfer (BOT), Engineering-Procurement-Construction (EPC), Design and Build (D&B), or Construction Tenders.
- Evaluating,Verification, Validation and Modification to Optimizing the Add Value and Variation Order for Tendering & Ongoing Projects.
- Clients & Consultant: Aramco - RC - SEC - SWCC - Tabreed - SNC Lavalin - Samsung - Marafiq - Shapoorji Pallonji Co. - Al Toukhi Co. - M+W Group - Nikken Sekkel Ltd - DC PRO Engineering - AECOM - Saudi Bechtel - CH2M.

- Dates** : From Oct. 2012 till Aug. 2015
- Employer** : Al-Jazea Contraction & Trading Co. - The Mother Company of Al-Jazea Group, KSA
- Projects** :
- Al Kharj Water Transmission Pipeline (Contract: EPC, Client: MOW Riyadh region, Tender Value: US\$ 235 Million)
  - Dorma, Mazahiya & Qurayyah Water Transmission Pipeline (Contract: EPC, Client: MOW Riyadh region, Tender Value: US\$ 182 Million)
  - Al Qasem Sewagewater Treatment The Seven Plant 200 000 m3/day (Contract: EPC, Client: MOW Qasem region, Tender Value: SAR 480 Million)
  - Tabuk Sewagewater Treatment Plant 90 000m3/day (Contract: EPC, Client: MOW Tabuk region, Tender Value: SAR 330 Million)
  - Fifa Water Piping Networks With Storage Tanks and LPS (Contract: EPC, Client: MOW Jazzan region, Contract Value: SAR 280 Million)
  - Hafr El-Baten Sewagewater Treatment Plant 350 000 m3/day (C-Tech & Carrousel System) (Contract: EPC, Client: MOW Hafer El Baten region, Tender Value: SAR 252 Million)
  - Sabia Sewage Treatment Plant 44000 m3/day with LPS and gravity pipeline (Contract: EPC, Client: MOW Jazzan region, Contract Value: SAR 158 Million)
  - Beash Sewage Treatment Plant 16000 m3/day (Contract: EPC, Client: MOW Jazzan region, Tender Value: SAR 123 Million)
  - Water Transmission Pipeline from SWCC Shuqaiq PH.II to Jazzan Region (Contract: EPC, Client: MOW Jazzan region, Contract Value: SAR 95 Million)
  - Madinah Industrial Project PH.I & II (Contract: EPC, Client: Modon, Contract Value: SAR 85 Million)
  - EPC of Sewage treatment plant PH.I - RAS ALKHIR IND.City, Contract NO.122-Co 1R (Contract: EPC, Client: RC-Jubail, Contract Value: SAR 72 Million)
  - Al-Eidabi & Bani Malik (Daier) Water deep Wells and Water Pipeline (Contract: EPC, Client: MOW Jazzan region, Contract Value: SAR 65 Million)
  - Abo Arish Wastewater Treatment Plant 30000m3/day (Contract: EPC, Client: MOW Jazzan region, Tender Value: SAR 65 Million)
  - Almagma RO water plant 16000 m3/day (Contract: EPC, Client: MOW Riyadh region, Contract Value: SAR 64 Million)
  - Al Materi Water Strategic Storage Tanks 4 Nos. WS.Tanks 40 000m3 (Contract: EPC, Client: MOW Jazzan region, Contract Value: SAR 59 Million)
  - Al-Darb Water Piping Networks with LPS (Contract: EPC, Client: MOW Jazzan region, Contract Value: SAR 42 Million)
- Job title** : Senior Office Engineer & Cost Estimation
- Job Description** :
- Provide assistance & support to project manager and supervise office engineering construction.
  - Perform inspection and prepare documents for entire contract work projects.
  - Ensure all contract works in compliance with contract documents.
  - Reviewing and approved project design, shop drawing, material submittal and prepare approve Supplies Request, Issue RFQ's, Complete quote evaluation process, Place Purchase Order or sign

Contract with supplier.

- Clients & Consultant: RC - MODON - MOW - NWC - MARAFIQ - MOH - Saudi Bechtel - Saudconsult - CH2M - mtmm.

- Dates** : From Jul. 2009 till Sep. 2012
- Employer** : ELCONCORDE SAUDI CONSTRUCTION - A Membership of ELCONCORDE GROUP, KSA
- Projects** :
- Madinah Sludge Treatment Plant - Thermal Dryers:
    - Location: Madinah Al Monawarah.
    - Client: MOW - Madinah Region.
    - Contract: EPC.
    - Contract value: SAR 53 Million.
    - Designer: WATERLEAU-Pelgium.
  - Al-Namas Sewage Treatment Plant - Secondary Treatment:
    - Location: Asir Region - Southwest Saudi Arabia.
    - Client: MOW - Asir Region.
    - Contract: EPC.
    - Contract value: SAR 23 Million.
    - Designer: In House.
- Job title** : Construction Manager
- Job Description** :
- Working closely with all engineers and project Crew to go over plans and blueprints.
  - Prepare and negotiate cost estimates, budgets, and work timetables.
  - Select appropriate construction methods and strategies.
  - Interpret and explain contracts and technical information to workers and other professionals.
  - Report on work progress and budget matters to clients.
  - Collaborate with architects, engineers, and other construction and building specialists.
  - Instruct and supervise construction personnel and activities on-site.
  - Respond to work delays and other problems and emergencies.
  - Select, hire, and instruct labourers and subcontractors.
  - Comply with legal requirements, building and safety codes, and other regulations.
  - Clients & Consultant: Ministry of Environment Water & Agriculture - Madinah Al Monawarah.

- Dates** : From Jan. 2006 till May 2009
- Employer** : Horse Engineering Works Alex. Water Technology
- Projects** :
- Maadi Water Treatment Plant 400 000 m3/day (Contract: EPC, Client: ECC, Contract Value: EGP 85 Million)
  - Waste Water Treatment Plant New Cairo 100000 m3/day (Contract: EPC, Client: CAPWA, Contract Value: EGP 27 Million)
  - Waste Water Treatment Plant New Salhia City - Ph.I - 13500 m3/day (Contract: EPC, Client: ECC, Contract Value: EGP 29 Million)
  - Waste Water Treatments Extension Plant Sakha Khafir Elshikh (14000 - 109 000m3/day) (Contract: EPC, Client: CAPWA, Contract Value: EGP 27 Million)
  - Water Treatments Extension Plant Kafr El-Zayat 100-400 L/S (Contract:

- EPC, Client: GAOW - Ghabia Region, Contract Value: EGP 14 Million)
- Water Treatments Plant Badr City 800 l/s (Contract: EPC, Client: ACC, Contract Value: EGP 35 Million)
- Sewage Water Lifting Station, El-Mamoura Alex. 10 LPS (Contract: EPC, Client: GAOW - Alex. Region, Contract Value: EGP 90 Million)
- Sewage Water lifting Station. And Irrigating Piping System 1400mm in El-Shek Zayed City (Contract: EPC, Client: GAOW, Contract Value: EGP 30 Million)
- The monastery of St. Catherine Water Treatment Plant (Contract: EPC, Client: USAID, Contract Value: Open Budget)
- Shebin El Qanater Water Treatment Plant 1000 L/s (Contract: EPC, Client: ACC, Contract Value: EGP 33 Million)
- Al-Alamein Matrouh Governorate Water Treatment Plant 180 000m<sup>3</sup>/day (Contract: EPC, Client: ACC, Contract Value: EGP 33 Million)
- Other more than 20 Nos of LPS between Submersible, end suction, in-line, double suction, vertical & horizontal multistage, Self-priming and Axial-flow pumps.

**Job title** : Mechanical Design Engineer in Technical Head Office - Cairo

**Job Description** : 

- Preparing Details Design, shop drawing, TOM and As build drawing for water & waste water treatment plant, follow up the progress activity site execution and technical support.
- Clients & Consultant: Executive Authority for Drinking Water and Sanitation (CAPW), Egypt / U.S. Agency for International Development (USAID), General Authority for Drinking Water & Sewage (GAOW), The Arab Contractors (Osman Ahmed Osman & Co.), Egyptian Contracting Company Mukhtar Ibrahim.

**Dates** : From Sep. 2004 till Dec. 2005

**Employer** : Egyptian Contracting Company Mukhtar Ibrahim

**Project** : Waste Water Treatments Plant Kafr El-Zayat 90000 m<sup>3</sup>/day, Gharbia

**Job title** : Site Engineer

**Field of experience** : 

- More than 13 years experience in construction of industrial project in the field of:
  - District Cooling Plants (Chiller - Cooling Tower - Pump - ETS - EMS - BMS - TES - DCP - DPN).
  - Water Transmission Lines & Strategic Storage (CS, SS, GRP, RTR, HDPE, PVC Pipe, CS, GLS, GRB Tanks).
  - Sewage Water Treatment Plants (MBR - SBR - Extended Aeration - C-Tech - Carousel System...etc.).
  - Water Treatment & Desalination Plants (Gravity Rapid Sand Filter, Pressure Filter, RO Plants).
- Participating in constructed of more than 3 mega scale projects & more than 5 large scale projects with national and international EPC companies in the position of Design, Construction and Cost Estimation Engineer in Saudi Arabia and Egypt.