

Holds a B. Sc. in Mechanical Power Engineering and has over 10 years hands-on experience in Pumps stations, Water transmissions, wet utilities, infrastructure, Desalination, water and wastewater treatment field. Doing design, writing proposals, project Coordination, Quantity survey, Cost estimation and procurement for mechanical works.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/07/1988
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Tanta University, 2010
: Pre-Master Degree in Mechanical Power Engineering, Tanta University, 2015
: Register for MBA – International Business School of Scandinavia – from 2020 till now

LANGUAGES

Arabic : Native Language
English : Very Good
German : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD drawing 2D & 3D
: Ansys, Matlab

TRAINING COURSES AND CERTIFICATIONS

: PMP preparation at Brilliance business school.
: EVEN017 – Water treatment at AUC – ESS.
: EVEN018 – Waste Water treatment at AUC – ESS.
: EVEN014 – Environmental Impact Assessment at AUC – ESS.
: Pricing Strategies – El-Mentor.net - MOOC.
: Pricing Fundamental – El-Mentor.net - MOOC.
: Technical Sales – El-Mentor.net - MOOC.

- : KY Pipe workshop.
- : More MOOC's and webinars.
- : Hydraulic & pneumatic at EGYCET.
- : Turbo machinery at EGYCET.
- : Training in Misr Company for spinning and weaving in Mahalla Al-Kobra at many workshops and power station (2008).
- : Training in Talkha Power Station for combined cycle power generation plant operation (2009).
- : Fundamental of Refrigeration and Air conditioning course, Ministry of Industry (2010).
- : Thermal Power Stations, gas dynamics, gas turbines, industrial safety, hydraulics & pneumatics, fluid mechanics, hydraulic machines, electrical machines, etc.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2019 till now
- Employer** : SSEM, Riyadh - KSA
- Projects** :
- City ROSTP (Client: ARAMCO) (STP 40,000 m³/Day and RO 60,000 m³/Day, Phase I from III) – Part of design team
 - Energy Industrial City Feeder Water Transmission System (Client: SWCC) – Part of design team
 - Al-Qunfudah New City Feeder Water Transmission System (Client: SWCC) – Design Coordinator
 - Several projects with Municipalities and RC – Technical Support
- Job title** : Mechanical Engineer (Engineering)
- Job Description** :
- Lead design team for the project – reported to Technical Manager.
 - Review technical offers and follow up with vendors.
 - Review tender documents and send RFQs.
 - Coordinate with the consultant.
 - Preparing Guide drawings.
 - Preparing PID's.
 - Forecast and finding possibilities for C.R.
 - Deal with client.
 - Make site surveys and attend meeting with client.
 - Solve problems in the site during the project execution.
 - Follow up site activities.
 - Getting Approval for technical submittals for hydraulic studies & calculations, pumps, pipework, control valves.
 - Supervise, review, monitor and report on engineering and construction progress challenging us to achieve milestones.
 - Drive a positive integrated, multi-disciplinary team culture in support of the project's objectives.
 - Liaise with client, co-ordination with Governmental Organization and other Consultants/Contractors.
 - Procurement tracking.
 - Responsible for management of the review process of the design proposals, work program, material submittals, method statements, shop drawings, payments, variation orders and claims, etc.
 - Enforce internal Company processes and policies such as business and

- contracting rules.
- Engineering tracking.

Dates : From Aug. 2017 till May 2019

Employer : Giza Systems Electromechanical, New Cairo

Projects :

- Kalzam STP (20,000 m³/Day – Design and Build Project) – I was doing engineering for the project
- Nawasa, Al-Robaa and Shabrawish STP (10,000 m³/Day, 7,500 m³/Day and 5,000 m³/Day – Design and Build Tender) – I was doing proposal for this tender
- Shanshor Pump station (16,000 m³/Day - sewage pump station Tender) - I was doing proposal for this tender and we have got awarded for this project
- Shobra Babel STP (15,000 m³/Day – Tender) - I was doing proposal for this tender and we have got awarded for this project
- Al-Kusoor Pump stations (15,000 m³/Day + 10,000 m³/Day - sewage pump station Tender) - I was doing proposal for this tender and we have got awarded for this project
- Al-Rahawi Pump stations (pump stations tender) - I was doing proposal for this tender

Job title : Senior Mechanical Engineer (Proposal & Engineering)

Job Description :

- Review tender documents.
- Preparing RFQs.
- Preparing cost sheet and PL&L sheet.
- Send clarification to the client during bidding.
- Review technical offer from the vendors.
- Prepare guide drawings, PID's and coordinate with other disciplines.
- Preparing technical proposal.
- Solve problems in the site during the project execution.
- Follow up site activities.
- Procurement tracking.
- Engineering tracking.
- Attend meeting with clients.
- Make handing over after awarding to project team.

Dates : From Mar. 2016 till Jul. 2017

Employer : Bamag MENA, Giza

Projects :

- Mansheit Al-Kanater WTP (40,000 m³/Day – Design and Build Project) – I was Engineering Manager for the project
- Al-Mahmoudia WTP (80,000 m³/Day – Design and Build Project) – I was Engineering Manager for the project
- Abu-Owaikal WTP (500,000 m³/Day – Design and Build Tender) – I have studied mechanical part of this tender
- Al-Mostakbal STP (60,000 m³/Day – Design and Build Tender) – I have studied mechanical part of this tender
- Technical Support for other projects

Job title : Senior Mechanical Engineer (Proposal & Engineering)

Job Description :

- Review tender documents.
- Preparing RFQs.
- Send clarification to the client during bidding.

- Review technical offer from the vendors.
- Prepare guide drawings, PID's and coordinate with other disciplines.
- Preparing technical proposal.
- Solve problems in the site during the project execution.
- Follow up site activities.
- Procurement tracking.
- Engineering tracking.
- Attend meeting with clients.
- Make handing over after awarding to project team.

Dates : From Aug. 2014 till Mar. 2016
Employer : A.A.W Consulting Engineers, Cairo
Projects :

- Al-Ain Strategic Reservoirs for Al-Ain Municipality – UAE – I was Mechanical Designer and Project Coordinator
- Military Industries Desalination Plant 10,000 m³/day – General Organization for Military Industries - I was Mechanical Designer and Project Coordinator
- Qassim Desalination Plant – 60,000 m³/day – I have participated in mechanical and process design - Qassim Municipality – KSA
- Some other projects in Egypt, KSA, UAE, Oman and Africa

Job title : Mechanical Design Engineer
Job Description :

- Design mechanical infrastructure projects.
- Preparing tender documents.
- Coordinating with other disciplines.
- Review technical proposals.
- Participate in value engineering for some projects.
- Base line studies.

Dates : From Oct. 2012 till Jul. 2014
Employer : Anisson Contracting – Riyadh, KSA
Projects :

- Buwaib 1 WTP (Saudi Arabia) (modifying 13 blocks from 3 stages to 2 stages)
- Buwaib 1 WTP (Saudi Arabia) (changing old membranes for 3 blocks and install new membranes)
- Buwaib 2 WTP (Saudi Arabia) (changing old membranes for 4 blocks and install new membranes)
- Al-Amaria WTP, 5000 Cubic meters per day: Design, procurement, install and commissioning

Job title : Project Engineer
Job Description :

- Responsible for planning, scheduling and tracking project time lines and milestones using appropriate tools.
- Responsible for making proposals.
- Responsible for procurement.
- Design, install and commissioning WTP.

Dates : From Mar. 2012 till Oct. 2012
Employer : Novacare – Cairo, Egypt
Project : Rehabilitation in Abu-Rawash (Egypt) wastewater treatment
Job title : Mechanical Engineer

Job Description :

- Responsible for making proposals.
- Responsible for procurement.
- Design, Install and commissioning WTP.

Dates : From Sep. 2010 till Feb. 2012 (part time)

Employer : Novacare – Cairo, Egypt

Job title : Mechanical Engineer

Field of experience :

- TECHNICAL SKILLS:
 - Writing Proposals.
 - Tendering.
 - Cost estimation.
 - P&L.
 - Proposals.
 - Coordination.
 - Design.
 - Site survey.
 - Solving problems.
 - Technical support.
 - Infrastructure.
 - Design review.
 - Transmission lines.
 - Environmental impact assessment.
 - Mechanical engineering.
 - Reports.
 - Process.
 - Sewage treatment.
 - Water treatment.
 - Water and wastewater.
 - Desalination.
 - Pump stations.
 - Aware about international standards.
- Familiar to the following Codes and Standards:
 - API.
 - ASME.
 - AWWA.
 - Egyptian Code.
 - DIN.
 - BIS.
 - ATV.