

Holds a B. Sc. in Mechanical Engineering and has more than 13 years of experience in the field of electromechanical construction works of water and waste water projects as Site Engineer and Project(s) Manager. Has good knowledge in Mechanical maintenance and excellent knowledge in installation of infrastructure projects.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Engineering, Helwan University, 2006
: Ismael El-Kabany Secondary School

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: Solid Works up to 2006
: AutoCAD up to 2017

TRAINING COURSES AND CERTIFICATIONS

: Currently attending Master of Business Administration in Engineering Management for Engineers in the Brooklyn Business School.
: Total Quality Management & Lean Six Sigma Green Belt Scholarship in the Brooklyn Business School.
: Project Management professional Exam preparation course in the Arab Contractors Institute of Construction Engineering and Management Technology (45 hours).
: A training course in OSHA construction in the Arab Contractors Institute of Construction Engineering and Management Technology.
: A training course in Primary and secondary treatment technologies in WWT in National Institution for potable water and waste water.

- : A training course in Modern Trends in WWT Technologies in the Arab Contractors Institute of Construction Engineering and Management Technology.
- : Summer training (During Post Graduates) in Arab Contractors of Egypt.
- : Summer training (During Post Graduates) in Military Forces Production Factory (99).
- : Electro-pneumatic & PLC course in Faculty of Engineering.
- : American Language Course in Military Forces Institute (level 5 & 6 up to level 10).
- : HVAC, firefighting and sanitary works in Egyptian Engineers Syndicate (2007).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2007 till now
- Employer** : THE ARAB CONTRACTORS (OSMAN AHMED OSMAN & CO.)
- Job Description** :
- QA/QC Manager of the Electromechanical Projects Division (from Jul. 2019 till now): Responsible for Quality Assurance Systems and Quality Control for Projects / Workshops / Departments works and Activities.
 - Working as Senior Mechanical Engineer (Projects Manager of QALUBEYA AND MENOUFIA) (from Oct. 2016 till now) of Electromechanical Works for water and waste water Projects at:
 - ABU RAWASH WWTP re-habitation of the existing plant (Operation and maintenance).
 - SHOUBRA SHEHAB WWT Projects.
 - Rehabilitation of Menouf WWTP at Menoufia.
 - EL HAMOUL potable water purification plant.
 - QALUOB VILLAGES WW pumping stations.
 - 240 poor villages' potable water plants in Qlubyeya and Menoufia (12 Plants).
 - Job Responsibilities:
 - ❖ Participating in Projects preliminary studies (Technical - Financial) and collect project requirements.
 - ❖ Participate in and prepare the overall project management cycle from initiation process - planning process - executing process - monitoring and controlling process - closing process).
 - ❖ Create the work breakdown structure and analyze the work packages into activities.
 - ❖ Scheduling and cost estimating to overall project activities within budget.
 - ❖ Supervision on Production, follow-up and hand over of Steel Works Necessary for water and Waste Water Plants Such As (Pipes and Fittings, Over Head Cranes, Steel Stairs, ladders, walkways, Primary and secondary and Final Settling tanks steel Structures, Grit-grease Removal Chambers Steel Structure and Water Hammer Vessels...etc.
 - ❖ Site mobilization and preparation, Resources requirement plan for project execution according to Schedule and cash flow.
 - ❖ The receipt and inspection of the above mentioned unit's

- ❖ equipment's.
- ❖ Following up and participating in evaluations of tenders for supplied equipment's.
- ❖ Design Review and shop drawing preparation in co-ordination with civil works and participating in civil guide drawings preparation.
- ❖ Preparing site and coordinate with other activities for installations according to specs, design and shop drawing.
- ❖ Preparing BOQ and purchase order for all needed equipment and accessories.
- ❖ The execution of all necessary field changes under supervision of Owner's Engineer.
- ❖ The execution of site tests, start-up, commissioning and handover of all installed equipment's including all connecting pipe lines.
- ❖ The preparations of BOQs and cost estimate and breakdown for all executed activities and have it approved from the owner's Engineer.
- ❖ Hand over all project deliverables to the owner /client engineer and end user in accordance with project requirements, scheduling and within budget.
- ❖ The preparation of all financial evaluation of all executed electromechanical works and have it approved from the owner Engineer till cash flow in.
- Extra Works Done:
 - ❖ The preparation of the safety and QA/QC plan complete for a project.
 - ❖ The participation in training of all new labors/Engineers.
- Working as Senior Mechanical Engineer (Projects Manager) (from Sep. 2013 till Oct. 2016) of Electromechanical Works for water and waste water Projects at::
 - ABU RAWASH WWTP re-habitation of the existing plant (continued).
 - SHOUBRA SHEHAB WWT Projects.
 - Rehabilitation of Menoufia WWTP at Menoufia.
- Working as Senior Mechanical Engineer (Project Manager) (from Jul. 2010 till Sep. 2013) in Electromechanical Works for water and waste water Projects at: ABU RAWASH WWTP re-habitation of the existing plant.
- Site Mechanical Engineer (from Jul. 2007 till Jun. 2010) in Electromechanical projects division for water, waste water & factories: In ABU RAWASH new WWTP Extension (800000 m3/day). Responsible of all mechanical installation works including (main pumping station, mechanical screens, grit and grease removal units, Primary sedimentation tanks, and primary sludge pumping stations...etc.).

Dates : From Sep. 2006 till Jun. 2007

Employer : Design and Project Management Engineering Company (DPME), Cairo

Job Description : • Preparing technical and financial offers for company services such as Design, Supervision on installation, Technical Support...etc.

• Preparing contracts for above mentioned services after offer approval

from client. Contract administration and follow up in co- ordination with other departments in company.

Further experiences : Part Time Work:

Preparing the technical Report of all Works necessary for the Rehabilitation and Operation and maintenance works, Evaluation of the current status of the works, tender documents, specifications and BOQs for Future Consult Consultants and Engineers including the following:

- El-Obour City Water Treatment Plant (5 Phases – 1000000 m³/day).
- El-Obour potable water Pumping Stations (5 Stations) including intake of Raw Water from the River Nile.
- El-Obour Waste water pumping Stations (4 pumping stations).