

**100480-MEC-18CDGYZm-E-1988**  
**Discipline Mechanical Construction Manager**

Holds a B. Sc. in Mechanical Engineering and has about 29 years hands-on experience working as Projects Manager, Sales Manager, Consultant Engineer supervising projects execution, Supply Chain Manager. Objective Business areas are Water & Wastewater Treatment Plants, Sewage Lifting Pumping Stations, Booster Pumping Stations, Irrigation Pumping Stations, construction of power generation plants piping and mechanical installations scope and construction of crude oil tanks.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 08/11/1965  
Gender : Male  
Marital Status : Married  
Residence : New Maadi, Cairo

## **EDUCATION**

: B. Sc. in Mechanical Engineering, Helwan University, 1988

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: Primavera  
: Spread Sheets, SAP, lotus notes  
: Water CAD v8i  
: Bentley HAMMER v8i

## **TRAINING COURSES AND CERTIFICATIONS**

: Project Management courses completed at the American University in Cairo (AUC), 1993.  
: Project planning and control techniques.  
: Management of project resources.  
: Feasibility studies and financing.  
: Project budgeting and financial control.  
: Project management information systems.  
: Internal auditing.  
: Introduction to environmental engineering.

- : Design principals of water and wastewater treatment plants.
- : Business ethics and code of conduct.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Nov. 2015 till now  
**Employer** : ELSWEEDY Electric Power Systems Projects (PSP)  
**Project** : Beni Suef Combined Cycle Power Plant 4800MW  
**Job title** : Discipline Mechanical Construction Manager  
**Job Description** : Leading Mechanical construction department for construction of all mechanical scope consisting of 8x400MW GTs, 8 x HRSG, 4x400MW STs and Balance of Plant components.

**Dates** : From Jul. 2014 till Oct. 2015  
**Employer** : KHOTOOT EL REIF for Contracting Services, OMAN  
**Projects** :

- TAQA booster pumping stations, pipe lines and surge protection equipment
- SALALAH treated effluent mains and SCADA system

**Job title** : Electromechanical Department Manager  
**Job Description** : Managing technical office and execution of electromechanical works scope for company's projects in water, wastewater and treated effluent fields.

**Dates** : From Sep. 2011 till Jul. 2014  
**Employer** : AAW & Partners Consulting Engineers, OMAN  
**Project** : SALALAH main Drinking water distribution system: Main pumping stations, Storage reservoirs, surge protection system, control valves, chlorination system, Diesel generators, DI pipelines, valves, dismantling joints  
**Job title** : Senior Mechanical Consultant Engineer  
**Job Description** :

- Review specification, contract documents and site works to advise the site of measures that can be taken or should be taken to ensure the smooth process of the works.
- To verify, the mechanical design drawings comply with contract specification and meet the required Codes and Standards.
- To verify the approved mechanical shop drawings, materials, method statements and other submittals comply with contract documents and meet the required Codes and Standards.
- Review all the test reports and supervising witness tests at manufacturer's premises related to mechanical works and advice accordingly.
- To visit the site periodically to verify and check on going works, quality, progress, problems or conflicts and adherence to contract documents.
- Reviewing testing and commissioning procedures and their records and advice accordingly.
- Follow up any NCR raised to determine the effectiveness of corrective action taken and eventually for closure if satisfied.

**Dates** : From Aug. 2010 till Sep. 2011  
**Employer** : Axes for Engineering and Construction

- Projects** : • Preparing technical and commercial quotation for desalination plant in KSA  
• Preparing technical and commercial quotation for industrial wastewater treatment plant in EGYPT
- Job title** : General Manager
- Job Description** : Managing establishment of private business in the field of engineering and construction for water and power generation projects.
- Dates** : From May 2009 till Aug. 2010
- Employer** : MEGA for construction industries
- Projects** : • Sidi Krir 2x750MW Power Plant  
• El-Tebbin 2x350MW Power Plant
- Job title** : Mechanical Projects Manager
- Job Description** : Managing Power Generation Projects at Sidi Krir 2x750MW Power Plant and El-Tebbin 2x350MW Power Plant, mechanical installation and piping scope for balance of plant and critical piping works.
- Dates** : From Apr. 2008 till May 2009
- Employer** : ABB Power Systems & Automation Technology (ABB EGYPT)
- Job title** : Senior Mechanical Engineer for supply chain management DIV
- Job Description** : • Studying purchase requisitions and follow all the standard procedures through the system for optimizing the commodity supply with the best delivery conditions. Procedure is followed on SAP system from receiving requisitions, issuing the order, arrangement of payments, getting approvals, monitoring the order phases up to delivery and closing the order.  
• Arrangement of freight, insurance and customs declaration for foreign supplies are also supervised.
- Dates** : From Jun. 2005 till Apr. 2008
- Employer** : ABB Power Systems & Automation Technology (ABB EGYPT)
- Job title** : Sales Department Manager
- Job Description** : • Initiation of business plan defining business unit strength resources, opportunities available in market, weakness points that may affect business vision and expected threats.  
• Selection of opportunities that met company's strategy.  
• Implementation of risk review procedures with different company's management levels.  
• Supervising and monitoring bidding procedure for selected opportunities.  
• Projects:  
- Supervising prequalification procedure to get ABB a qualified bidder for SCADA system tenders that will be issued by potable water organization for monitoring and data acquisition of water networks in different governorates in Egypt (from Jan. till Apr. 2008).  
- Supervising prequalification procedure to get ABB a qualified bidder for leak detection system tender that will be issued by potable water organization (from Jan. till Apr. 2008).  
- Quoting and contracting the automation system for filter gallery in SUEZ water treatment plant. Contract value is approx. EURO

400000. Contract scope was including supply and supervision on erection of electrically actuated butterfly valves, flange coupling adapters, penstocks, filter control disks, differential pressure transmitter, PLC modules, SCADA system, cables and earthing materials (from Jun. till Dec. 2007).

- Quoting and contracting the automation system for filter gallery in PORT SAID water treatment plant. Contract value is approx. EURO 300000. Contract scope is including supply and supervision on erection of electrically actuated butterfly valves, flange coupling adapters, penstocks, filter control disks, differential pressure transmitter, PLC modules, SCADA system, cables and earthing materials (from Jan. till Jun. 2007).
- Quoting and contracting for supply and erection of irrigation pumping station serving the green areas in SMART Village. Contract value is reached EGP 4000000, contract scope is comprises the supply and erection for deep well pumps with its st. st. headers, control valves, electrically actuated overhead crane, bladder vessel water hammer protection system, horizontal split case pumps, gate and none return valves, redundant PLC system, LV switchgears, control panels, cables (from Jun. 2005 till Dec. 2006).

**Dates** : From Jun. 2001 till Jun. 2005  
**Employer** : ABB Power Systems & Automation Technology (ABB EGYPT)  
**Job title** : Projects Dept. Manager  
**Job Description** : 

- Planned, coordinated, supervised and monitored more than 7 projects for sewage pumping stations in Cairo-Helwan (pumping stations 1, 2, 3, 4), Qena – NAGA HAMMADY (pumping stations 1, 2, 3, 4), KAHR EL-SHEIKH - SIDI SALEM - EL KASSABI booster pumping station, SINI – EL SHEIKH GABER INTAK NO. 18, 19, BENI SUEF - AHNASYA pumping stations NO. 2, 3, ASSIUT – ABO TESHT pumping station, ABO TEEG oxidation lagoons.
- Managed pumping stations projects that included supply and erection, commissioning and start-up of different types of pumps (screw P.S. - cardan shaft vertical pumps - close coupled pumps - oxidation lagoon), diesel generators, gate and non return valves, ductile and cast iron pipes overhead travelling cranes, LV switchboards, cables and auxiliaries like ventilation equipment, lighting equipment, work-shop equipment.
- Managed a budget of L.E. 40 Million.
- Managed the technical aspects of the different design packages.
- Managed the revision of the monthly invoices from the contractors.
- Managed the updating of the schedule according to the actual performance.

**Dates** : From Sep. 1998 till May 2001  
**Employer** : EL-ALLAMEYA for Engineering works  
**Job title** : Executive Projects Manager  
**Job Description** : 

- Planned, coordinated, supervised and managed execution team for sewage pumping stations in SHARKEIA-ELTAL EL KEBEER (pumping stations 1, 2), Qalyobia – MEET KENAN (pumping stations 1, 2),

EL-MENOFIA - GANZOOR (1, 2), MANSOURA – EL MASARA sewage pumping station, KAHR EL SHEIKH – KELLEIN pumping station 1, 2 and others.

- Participated in tendering, pricing, for sewage water treatment plants and oxidation lagoons.
- Estimating the cost, bidding and execution for a project for erection of a HYDROGEN plant supplied from a Canadian Co. to air liquid company and erected on their site at 10<sup>th</sup> of Ramadan City. Scope was included welder qualification, NDT and radiographic inspection for welded seams.
- Carrying out procurement activities required for projects materials.
- Design, fabrication and erection of manual screens for EL-GABAL EL-ASFAR project.

**Dates** : From Sep. 1992 till Sep.1998  
**Employer** : PORT SAID Engineering Works  
**Job title** : Executive Projects Manager  
**Job Description** :

- Estimating the cost, bidding for sewage water treatment plants.
- Planned, coordinated, supervised and managed execution team for SHOUBRA EL-KHEIMA sewage water treatment plant second stage contract value was L.E 65 Millions. Plant capacity was 600000 m3/day project scope comprises supply and supervision on erection for final settling tanks rotating bridges, surface aerators, penstocks, telescopic valves, quick opening valves (dislodging equipment), ALMG3 actuated weirs, measuring equipment, V-notched weirs, return sludge pumps (screw pumps), excess sludge pumps, chlorination equipment, gantry cranes and laboratory furniture and instrumentation.
- Supervising local manufacturing of penstocks, rotating bridges, surface aerators at company's workshops.
- Planned, coordinated, supervised and managed execution team for Assiut sewage water treatment plant. Contract value was L.E. 23 Millions. Plant capacity was 22000 m3/day.
- Carrying out procurement activities required for projects materials and equipment from local and foreign suppliers.

**Dates** : From Jan. 1989 till Sep. 1992  
**Employer** : GUPCO Co.  
**Job title** : Contracts Engineer  
**Job Description** :

- Managed site activities for construction and maintenance of crude oil tanks and other steel structure works in RAS SHOKEIR area for GUPCO co.
- Carrying out technical office works for as built drawings preparation and approvals.
- Preparing documentation for welding procedures design and welder qualification according to API 650 and ASME IX codes.
- Design calculations of tank shells according to API 650.
- Supervising sand blasting and painting activities for storage tanks.
- Reviewing contracts technical obligations and preparing evaluations for site consumables and equipments.
- Coordinating site activities with client and third parties.

### **Experience as Short-term Consultant:**

Consultant for EGYPTROL (Jun. 2008) for the following activities:

- Design of 11 atm. pressure, fixed roof finished product and intermediate waxy product tanks using "one foot" method based on API 650 code. Nominal tank capacity is 67500 BBLS, Tank diameter of approx. 27.7 m and height of 17.6 m. Project name is BAHRAIN LUBE BASE OIL PROJECT, Consultant was SAMSUNG ENGINEERING, Client BPC and Neste Oil OYJ, Plant location Bahrain Refinery in the Kingdom of Bahrain.
- Preparing of material list according to design and tender documents.
- Design of different welding procedure and welder qualification procedures according to ASME IX code.
- Evaluating the required human and equipment project resources.

### **Further Skills:**

- Strong background in projects budgeting and financial control for electromechanical projects in water, petroleum and power generation plants.
- Strong background in contracts execution, management and financial control.