

## **Awad Ragab Awad Elsheik**

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### Career:

**Key Qualifications:** 19years' Experience(5years KSA.&14years EGYPT ), professional experience as an implementation Engineer, technical office Engineer, tender Engineer, procurement Engineer, construction manager & project manager in different fields of infrastructure projects for all electromechanical components (pumps, all types of valves, all types of pipes, cranes, blowers, electric mixers, fittings, penstocks, screens, bridges, reservoirs, air injection systems, filtration systems, fire hydrants,etc.) for potable water purification plants WTP, sanitary water treatment plants STP, pumping stations PS, lifting stations LS, reservoirs, potable water networks, waste water networks, storm water networks, irrigation networks, fire fitting networks and plumbing works for buildings projects also work as electromechanics work head section for national project (reclamation of 375000 acres in Toshka zone O1 31 pumping stations &268 km. irrigation networks).

### Personal Information:

Date of birth: 9-April-1984

Nationality: Egyptian

Religion: Muslim

Marital status: Married

### Education:

Faculty of Engineering- Alexandria University-Egypt

B. sc.in Mechanical engineering department. (May2006)

Overall grade: good (72%)

Graduation project: refrigeration& air conditioning

Graduation project grade: Excellent

### Work experience:

**Senior mechanical Tendering and Procurement Engineer in Mohammad Al Ali Alsewilam Company**

**(Masco Group)**

**2024 up till now**

Make the price analysis and material break down for all mechanical items for infrastructure projects, STP, WTP, L.S., P.S And contact with supplier to get material quotations and estimate unit cost for labors and equipment's and

revise technical offers for all mechanical items to be complied with technical specifications after that negotiate the suppliers to get best price then make P.O. and follow up the supplying and implementation in the site.

❖ **Senior Electro mechanic technical office Engineer (SUMMIT Company)**

❖ **Electro mechanic technical office manager (SUMMIT Company)**

❖ **Electromechanics manager for reclamation of 375000 acres in Toshka zone O1 (SUMMIT Company)**

**Job duties:**

Make the material take off and material requests for electromechanical items with all specifications then get quotations and contact with suppliers to negotiate about prices and time for supplying then make P.O. and follow up supplying of materials.

Make Bill of quantities of electromechanical items for all company projects (STP, WTP, PS, LS & NETWORKS) with Armed force Engineering Authority and discuss all prices with technical office of Armed force Engineering Authority.

Make all duties of technical office Engineer, tender Engineer, procurement Engineer, construction manager for Toshka project (28 pumping stations & 150 km. irrigation networks) and coordinate between Armed force Engineering Authority, company, subcontractors & material suppliers to finish this national project and find the solutions for all problems then follow up execution rates in site with company staff, procurements situation, prepare bill of quantities for electro mechanical items and put the electro mechanicals items prices in a bill of quantities then discuss these prices with technical office of Armed force Engineering Authority (water department).

Negotiation with suppliers and subcontractors to get the less price in the best time and solve all problems.

❖ **Project manager global Red Sea for contracting**

**Project:**

- Implementation of potable water network 61.5 K.m, Sanitary water network 12 k.m, forced main line 7.2 k.m & main lifting station with Armed force Engineering Authority

❖ **Senior mechanical engineer in ELSALAM for Contracting Company**

**Projects:**

- Implementation of gravity waste water network for 3 zones in Tanta city and construction of lifting station of moror Salem (civil & electromechanical work).
- Implementation of forced waste water pipe line for 2 main lifting stations and rehabilitation of Botros & Al-Omary lifting stations in Tanta city.

**Job duties:**

Make the material take off and material requests with all specifications and contact with suppliers.

Study all tender projects and put the prices for mechanical items and contact with suppliers to get quotations.

Follow up all mechanical activity in all projects and technical office.

Make the shop drawings for mechanical works.

Implementation of all electromechanical work (submersible pumps, vertical pumps, ductile fittings, diesel engines, transformers, MDB, measurement instrumentation, valves, water hammer system & Cranes).

❖ **Lead mechanical engineer in Abdul Ali Alajmi for Contracting Company (4years)**

**Projects:**

**Nawan housing project. (18 months)**

**Job duties:**

Implementation of all plumbing work for 115 villas with ministry of housing (MOH)

Implementation of potable water network (HDPE), waste water network (UPVC pipes),

Storm water network (GRP), all valves, fittings (UPVC, DCI, GRP&HDPE) and fire hydrants as per MOH specifications.

**Medium industries area development P9 in Gazan city for primary and downstream industries (30 months).**

**Job duties:**

Prepare the shop drawing for all mechanical works for infrastructure networks (profiles, manholes' connection details, valve chambers details, buried valves, fire hydrants, storm water outfall, catch basins (gullies), and house connections with manholes or with main lines) then check clashing between networks then get the solutions to avoid clashing.

Prepare the technical submittals for all materials (pipes, valves, dismantling joints, DCI fittings, universal couplings, stepped couplings, flange adaptors, UPVC fittings, flap valves, manholes & gullies DCI cover, GRP fittings & manholes) after check **ARAMCO 9COM number**, then submit to consultant to get approval.

Make the material request for all materials& lamination materials as per **ARAMCO & Royal commission** specifications.

Study the interface issue between the all networks in project and other projects.

Implementation all works starting by excavation up to the bottom of trench then put the sand bedding and make compaction then laying pipes and check levels and straightness of pipes then start back filling layers up to finishing level and make compaction for each layer then make all tests for potable water network (UPVC), waste water network (UPVC),Storm water network (GRP), all buried valves, fire hydrants, all fittings, GRP manholes and valve chambers as per **ARAMCO & Royal commission**.

Make lamination and epoxy grout between pipes and manholes.

Study all tender projects and put the prices for mechanical items and contact with suppliers to get quotations with main office

**Job title**

❖ **Site engineer in AL-NASR for Utilities& Erections Company (3 years)**

❖ **Construction manager in AL-NASR for Utilities& Erections Company (4 years)**

❖ **Project manager in AL-NASR for Utilities& Erections Company (3 years)**

**Projects:**

- Implementation of 13 steel compact units for potable water purification plants (100m<sup>3</sup>/hr.)

- Implementation of 3 concrete potable water purification plants (120 L/S,160 L/S & 240 L/S)
- Implementation of 2 concrete potable water purification plants (600 L/S)
- Implementation of 3 Sanitary water treatment plants (30000 m3/day)
- Maintenance and renew of 1 Sanitary water treatment plant (120000m3/day)
- Implementation of waste water network and lifting station for 3 cities
- Implementation of potable water network and pumping station for 1 city

**Job duties:**

Installation of all pumps (horizontal, vertical& submersible), all types of valves, all types of pipes, cranes, blowers, electric mixers, fittings, penstocks, screens, bridges, reservoirs, injection systems, filtration systems and all mechanical works related to waste water and potable water.

Installation of network pipes for waste water and potable water networks.

Make the material take off and material requests with all specifications and contact with suppliers.

Make the subcontractors' invoices and clients invoices.

Hand over projects to the clients.

Operation and maintenance the plants in Guarantee period.

Prepare the shop drawings for all Electromechanical items

**Languages:**

- Arabic: Native language
- English: very good

**Certificates:**

- Training certificates from nation corporation for potable and sewage water

**Computer skills:**

- Microsoft office: good