

# COMPANY PROFILE

Mazoun Electro-Mechanical Company





***Shaik Yaqoob bin  
Hamad Al Harthy***

## **A Word from the Chairman**

Since our inception, Mazoun Electro-Mechanical Co. (MEMCO) has been driven to provide a professional engineering service for the water industry within the Sultanate of Oman. Our experience in electromechanical engineering has been varied and now encompasses: Water & Wastewater Treatment Stations, Desalination Plants, Instrumentation & Control Systems (SCADA), leak detection, and various industrial applications as a main EPC (Turnkey Basis) provider.

Our vision sets the next stage of the MEMCO's development and establishes the framework for the company's future outlining the key development stages, and also serving as a guide to measure performance excellence, whilst realizing desired business results and gaining a competitive advantage in the Omani Market.

The key to our present level of success is illustrated by our team's ability and commitment to provide an exceptional level of service to our clients and to maintain this ability will be one of the main the critical success factors in our company's philosophy.

Our Vision statement is "To expand our core business within the Sultanate of Oman and to become an active participant and leader in the development of the MEP industry in the Omani Market".

Our mission statement is "To identify business opportunities in a proactive manner, invest in these opportunities in a way that strengthens and complements MEMCO's position, and to deliver added value products & services through utilizing core competencies, knowledge and expertise".

## Our Core Values

Our management strongly believes that organizational efficacy is ultimately determined by the company's core values. MEMCO is driven by the value it creates for its people, clients, and the community. The following values are the anchor of our corporate culture and represent the fundamental tenets that guide corporate decisions, which determine how we will conduct our business

<b>Integrity</b>	<ul style="list-style-type: none"><li>▶ We believe that honesty and trust form the cornerstone of our business. Integrity is at the core of all business relationships and we demonstrate the highest standards of professional ethics in all aspects of our practice and interaction with our partners, clients, and the community.</li></ul>
<b>Customer Focus</b>	<ul style="list-style-type: none"><li>▶ We are committed to meet and exceed the expectations of both internal and external clients, as well as, striving to establish and maintain long-term relationships and alliances with them and to create a transparent atmosphere, in order to build trust and loyalty.</li></ul>
<b>Flexibility</b>	<ul style="list-style-type: none"><li>▶ We recognize that change is inevitable. Hence, we strive to adapt to changes occurring in the domestic, regional, and global Electromechanical Engineering markets</li></ul>
<b>Business Excellence</b>	<ul style="list-style-type: none"><li>▶ We are committed to deliver the highest quality products and services in Electromechanical Engineering through continuous improvement and implementation of leading practices, thereby maintaining outstanding performance; in order to gain competitive advantage in the Omani market.</li></ul>
<b>Personal Excellence</b>	<ul style="list-style-type: none"><li>▶ Our team members take full responsibility for their decisions and the consequences of their actions. In additions, our engineers are committed to the highest level of personal performance and continuous improvement.</li></ul>
<b>Teamwork</b>	<ul style="list-style-type: none"><li>▶ We recognize the fact that success is dependent upon the collective energy and intelligence of its employees and management. Therefore, we work diligently to foster a strong spirit of collegiality and teamwork by nurturing the spirit of mutual trust, integrity, openness, and respect among staff.</li></ul>
<b>Innovation</b>	<ul style="list-style-type: none"><li>▶ We encourage our team members to be creative in generating fresh and innovative ideas that enhance MAZOUN EST's ability to compete with other companies in the Gulf region generally and in Oman mainly.</li></ul>
<b>Profession alism</b>	<ul style="list-style-type: none"><li>▶ Our team strives to always be knowledgeable, accountable, and competent, in order to serve customers in a courteous and conscientious manner</li></ul>

## Range of Services

- ▶ All main pumps, firefighting, domestic, and submersible pumps.
- ▶ All related pipe work valves, instruments.
- ▶ Main Electrical Switchgears, MCC and control panels Medium Voltage MV, and Low voltage LV.
- ▶ Electrical operating traveling (EOT) and Monorail cranes.
- ▶ Surge protection system includes study, design , pressure vessels and all related pipe work and accessories
- ▶ Piping works and prepared card system vending machine in tanker filling station.
- ▶ All instrumentations Actuator Valve, Flow-meter, Pressure transmitter level indicator, water quality, etc.
- ▶ Fiber optic cable and related communication system
- ▶ Chlorination system
- ▶ PLC, DSC and SCADA work complete package.

## Partnership Agreements

During the course of last few years, MEMCO has managed to establish an excellent working partnership with worldwide leading companies such:

- ▶ Channel Partner with **Flowserve** providing a full range of water Pumps and mechanical seals.
- ▶ Channel Partner with **ABB** providing Instrumentation, Control Systems (SCADA), and VFDs Motor.
- ▶ Channel Partner with **BECKHOFF** a global provider of open automation systems based on advanced. PC Control technology.
- ▶ Channel Partner with **burkert** one of the world's leading manufacturers of measurement and control systems for liquids and gases.
- ▶ Channel Partner with **GPI** a globally respected brand for its high-quality fuel transfer pumps, fuel meters, flow meters and Industrial instrumentation for fluid transfer pump and liquid flow meter.
- ▶ Exclusive representative of **HMS** Networks is the leading independent supplier of solutions for industrial communication and IIoT with products offered under the Anybus®, IXXAT® and eWON® Intesis® brands.
- ▶ Alliance integration Partner of **Schneider** Electric Systems Integration Network to provide real-time automation hardware, software, and services in integrated solutions for homes, buildings, data centers, infrastructure and industries.
- ▶ Authorized distributor for **Wilo**, providing a range of pumps for water management applications (potable water and wastewater)



## Our Qualifications

MEMCO have been engaged in the construction of an additional tanker filling station in the Sharqiyah region. This five pump station ensures that water is transferred to across the numerous sub-areas within the wider districts. Also accredited with providing a water supply design to Al Qurayat, MEMCO played a major role as a consultant to the main contractor. Other commendable projects include the central desalination plant at Sur Water Scheme and the water conductivity and monitoring systems on the Barka Pumping Stations.

The following are sample of past experience in implementing and executing MEP projects across the Sultanate of Oman.

### Current Projects “On Going”

**Tender No:**

**T/2443908/2022**

**Client:** Nama Water Services).

**Contractor:** Mazoun Electromechanical Co. LLC

**Project Value:**

**210,387.901 OMR**

#### **CALL OFF CONTRACT FOR SUPPLY AND SERVICES FOR INSTRUMENTATION AND AUTOMATION ITEMS**

- ▶ Supply of Electromagnetic Flow Meters.
- ▶ Installation of the Flow Meters.
- ▶ Integration of Flow Meters to Existing PLCs & SCADA.
- ▶ Supply of suitable DI module to function as Pulse Counter Module for the existing PLCs.
- ▶ Supply of DI & AI modules for the existing PLCs.
- ▶ Supply and Commissioning Data Loggers.
- ▶ Supply and Commissioning of Mini PLC/RTU for multi-purpose & applications.
- ▶ 24V DC Power supply system, including battery.

**Tender No: 4/2022**

**Client:** Nama Water Services.

**Main Contractor:** Target LLC

**Sub-Contractor:** Mazoun Electromechanical Co. LLC

**Consultant:** International Consulting Engineering LLC

**Project Value:**

**101,805.730 OMR**

## **CONSTRUCTION OF WATER DISTR. NETWORK IN WADI ENDAM AL MUDAIBI WILLAYAT (Tender No: 4/2022)**

- ▶ We are responsible for upgrading of an existing Al-Habat Pump Station by replacing the existing pumps with 3 new pumps along with their electrical connections.
- ▶ To supply, installation and commissioning of 3 Booster Pumps inside the Booster pump station along with its ancillary components like, pipes, fittings, valves, dismantling joints, electrical cables, required instruments and SCADA works as it mentioned in the BOQ. To supply, install and commission Main LV Switchboard and 1 distribution board panels that are related to the Pump Station and for the outdoor lighting panel along with its cables that are mentioned in the BOQ. To provide a provision of a power supply with an outdoor tariff metering panel. To supply, install and commission an electromagnetic flowmeter on the discharge pipe of the Booster Pump Station and a Surge vessel with a capacity of 1m<sup>3</sup>.

**Tender No: 3/2022**

**Client:** Nama Water Services.

**Main Contractor:** Target LLC

**Sub-Contractor:** Mazoun Electromechanical Co. LLC

**Consultant:** International Consulting Engineering LLC

**Project Value:**

**103,212.200 OMR**

## **CONSTRUCTION OF WATER DISTRIBUTION NETWORKS IN AL ALOO IN YANQUL WILAYAT**

- ▶ We are responsible for supplying, installation and commissioning of 3 Booster Pumps inside the Booster Pump station along with its ancillary components like, pipes, fittings, valves, dismantling joints, electrical cables, required instruments and SCADA works and Firefighting detection system, as it mentioned in the BOQ.
- ▶ To supply, install and commission Main LV Switchboard and 2 distribution board panels that are related to the Pump Station and for the outdoor lighting panel along with its cables that are mentioned in the BOQ. To provide a provision of a power supply with an outdoor tariff metering panel. To supply, install and commission an electromagnetic flowmeter on the discharge pipe of the Booster Pump Station and a Surge vessel with a capacity of 5m<sup>3</sup>.

***Tender No: 12/2021***

***Client: Nama Water Services***

***Contractor: Mazoun Electromechanical Co. LLC***

***Project Value:***

***782,424.257 OMR***

## **SHORT TERM UPGRADING OF PUMP STATION IN BARKA (SOMHAN & HUFRI PUMP STATION) IN SOUTH AL BATINAH GOVERNORATE**

Improve existing Somahn & Hafri Pump Stations in Willayat Barka in Bathina South Governorate to secure water distribution on existing potable water networks.

Execution of works shall include but not limited to the construction (Supply, Installation & Commissioning) of the following:

Scope of Work of Part (A) for New Somhan Pump Station

- ▶ Supply and install of standby generator with electrical power supply of 415v, three phase with capacity of 750KW for the new pumps
- ▶ Auto change over throughout Automatic Transfer Switch (ATS) system
- ▶ Cabling, cable trays and earthing to accommodate 3 pumps sets
- ▶ Relay setting calculations and MV/LV protection settings, energizing, commissioning and testing of pump station as per DCRP regulations.
- ▶ Modifying the MCC panels to accommodate the new pump sets with all the electrical accessories ( circuit breakers, controls and motor drives)
- ▶ All control and alarm signals will be integrating with the existing SCADA system

New Somhan Pump Station is divided into two distribution lines:

Part 1: The existing distribution will pump to New Rumais ET & Al-Fulij ET.

Part 2: The new distribution line will be constructed to provide supply for Haram ET & Rumais ET

Part 1:

- ▶ Supply and Install 1 pump and motor with Head: 100m and flow: 360 m3/h with VFD
- ▶ Pumping system in New Somhan Gr 1 will work as 2 duty pumps and 1 standby.
- ▶ The scope of works will be adding additional pump and motor to the existing system
- ▶ Design, supply and install of suction & delivery spools, valves, instruments and pipework to accommodate the new pump set



- ▶ Surge analysis by studying the pressure transients caused by a change in the piping due to the new pumps.
- ▶ Upgradation and enhancing of switch gear to withstand the new electrical capacity with necessary cabling

Part 2:

- ▶ Supply and Install 2 pump and motor with Head: 142m and flow: 750 m<sup>3</sup>/h with VFD
- ▶ Pumping system in New Somhan Gr 2 will work as 2 duty pumps and Old Somhan Station will act as a stand by station for the mentioned pumps.  
The scope of works will be adding additional 2 pumps and motor to the existing plinth while introducing a new distribution pipework to the station
- ▶ Design, supply and install of suction & delivery spools, valves, instruments and pipework to accommodate the new pump sets
- ▶ Civil work will be required to do concrete coring in New Somhan Pump Station to allow the new discharge header to pass to the designated tapping point of the existing distribution line.
- ▶ Construction of Isolation Valve chamber before the tapping point
- ▶ Surge analysis by studying the pressure transients caused by a change in the piping due to the new pumps.
- ▶ Upgradation and enhancing of switch gear to withstand the new electrical capacity with necessary cabling.

Scope of Work for Part (B) for Al-Hafri Pump Station

- ▶ Supply and Install two new pump sets with Head: 140m and Flow: 500 m<sup>3</sup>/h with soft starter drives
- ▶ Pumping system will contain 3 pumps in total, working on 2 duty pumps and 1 standby.
- ▶ The two new pumps will replace the existing 2 pumps and act in duty condition while the existing remaining pump will be on standby.
- ▶ Design, supply and install suction & discharge spools such as Valves, Instrument and pipework to accommodate the new pump set
- ▶ Surge analysis by studying the pressure transients caused by a change in the piping due to the new pumps.
- ▶ Upgradation and enhancing of switch gear to withstand the new electrical capacity
- ▶ Reviewing the power supply of the pump station and check if it is necessary to be upgraded up to 1000Kva

- ▶ Instruments and pumps will be connected to SCADA system by integrating the existing Somhan system and Central Control Room (CCR)

**Tender No: 17/2022**

**Client: Majis Industrial Services**

**Contractor: Mazoun Electromechanical Co. LLC**

**Project Value:  
485,794.440 OMR**

### **SUPPLY AND INSTALLATION OF ONE COMMON COOLING WATER PUMP AND MOTOR SET AT MAJIS'S COMMON COOLING WATER SYSTEM FACILITY (17/2022)**

- ▶ Supply and install one self-lubricated CCWS pump with its motor, according to the specifications
- ▶ Integrating pump instrument signals in the existing CCWS SCADA system for control and monitoring
- ▶ Creating assets tags and maintenance plans as per Majis's Central Maintenance Management systems (CMMS)

**Contract No: 93/2018**

**Client: OWWSC/Diam**

**Contractor: China Geo-Engineering Corporation International Ltd. (CGCINT)**

**Sub-Contractor: Mazoun Electromechanical Co. L.L.C**

**Consultant: Khatib & Alami and Partners Consulting Architects & Engineers**

**Project Value:  
2,418,303.278 OMR**

### **REINFORCEMENT OF AL SHARQIYAH WATER TRANSMISSION SYSTEM.**

- ▶ The project objective is to supply the governorate of Al Sharqiyah North with potable water till 2040.
  - Source of Water for the Proposed System: New IWP Asilah Desalination Plant
  - Source of Water for the Existing System: IWP Sur Desalination Plant
  - The new proposed Water Supply System consists of a series of new pipelines, reservoirs and pumping stations starting from new desalination plant at Asilah IWP (under-construction by ADC) and parallel to the existing system (supplied from Sur desalination plant) until Mudaybi area.
  - This newly proposed system is essential to meet the population growth of downstream areas and the correspondingly increasing demands.
  - The completion of this project will increase the security of supply facing any interruption due to shortage or old system failure.
  - The complete operation of this project will minimize the reliance on ground water from well fields (namely at Jaalan and Al Kamil), currently being the main source of water along with the existing

desalination plant at Sur, and keep them for emergency use only

- ▶ Supply and Fittings of the Following:
  - CS Pipes & Fittings
  - Control mentoring system CMS

**Contract No: 14/2022**

**Client: HIEICO**

**Contractor: Mazoun  
Electromechanical Co.  
L.L.C**

**Project Value:**

**91,072.890 OMR**

## **FLUSHING AND DISINFECTION OF TRASMISSION PIPELINES**

**Tender No: 48/2017**

**Client: Public Authority  
for Water**

**Contractor: Mazoun  
Electromechanical Co.  
L.L.C**

**Project Value:**

**1,440,350.921 OMR**

## **FRAMA WORK CONSTRACT FOR IMPLEMENTATION OF INSTRUMENTATION AUTOMATION AND SCADA INSTTEGRATION JOBS**

Engineering, Procurement, Installation and commissioning of Control Panels and all associated programming works for 160 location including the following:

- ▶ Redundant PLC architecture, have been considered for Pump Stations (including Booster Pump Stations)
- ▶ Standalone PLC architecture, have been considered for the stations : Reservoirs | FSs
- ▶ Remote I/O architecture, have been considered on demand. The new PLCs will be integrated with NCC national SCADA and RCC regional SCADA, all signals will be available in SCADA.
- ▶ Put control philosophy for the project and test all hard ware signals to control panel and commissioning of Flow Control Valves and Motor Operated Valves with complete coordination supervision.
- ▶ Programming and commissioning all Communication works

- ▶ Engineering, Supply and, install, test Fiber optic patch panels.

***Tender No: 44/2020***

***Client: Public Authority  
for Water***

***Contractor: JV Flown  
Modern Enterprise Co.  
(FME) & Contractor:  
Mazoun  
Electromechanical Co.  
L.L.C***

***Project Value:  
11,267,887.000 OMR***

**OPERATION AND MAINTENANCE OF PUMPING  
STATIONS, RESERVOIRS AND ASSOCIATED  
SYSTEMS AND BUILDINGS AT DAKHLIYAH,  
BATINAH SOUTH, BATINAH NORTH AND  
BURAIMI GOVERNORATES**

- ▶ The purpose of the contract is to engage a qualified Contractor having expertise in the operation and maintenance of water systems and electromechanical equipment of similar nature for Operation and Maintenance of Pumping Stations, Reservoirs and associated systems and buildings for Public Authority for Water period of five (5) years
- ▶ Joint Venture Agreement between The Flown Modern Enterprises L.L.C. & Mazoun Electro-mechanical Co L.L.C.
- ▶ The Cooperation Agreement covers construction, operation & maintenance. financing and management of the project provided by the Flown L.L.C and consultancy, technical support of the project provided by Mazoun L.L.C.

## **Completed Projects:**

**Contract No:**  
**2000536/2018**

**Client:** *Haya Water Oman*

**Contractor:** *Hassan Alam  
for OWWSC/Haya*

**Sub-Contractor:** *Mazoun  
Electromechanical Co.  
L.L.C*

**Project Value:**  
**1,519,435.360 OMR**

### **CONSTRUCTION OF SEWER AND TREATED EFFLUENT (TE) CONNECTIONS TO ROYAL PROPERTIES (RCA/RE/RGO) AND AIRPORT HEIGHT PROPERTIES**

The main purpose of this project is to construct House connection, Sewer, Treated Effluent network for Airport Heights & Royal Estates for individual customers within the project area

- ▶ Supply, Install and Testing TE Pipe Lines (PN16), valve chambers and customer connections including required civil, mechanical, electrical, instrumentation, control works, accessories, and ancillaries for completion the work as per drawings, standards and specifications.
- ▶ Supply, Installation & Commissioning of the Following:
  - Gravity sewer network/s.
  - Gravity sewer manholes.
  - House connection and rider sewers.
  - Property & Discharge Chambers.
  - Treated Effluent (TE) network for:
    - Isolation Valve chambers.
    - Air Valve chambers.
    - Washout Valve chambers.
    - Customer chamber.
    - All related ICA works for TE customer chambers.

***Tender No: 55/2018***

***Client: Public Authority  
for Water***

***Contractor: Metito  
Overseas Limited***

***Sub-Contractor: Mazoun  
Electromechanical Co.  
L.L.C***

***Project Value:  
900,000.000 OMR***

## **REINFORCEMENT OF BATINAH WATER TRANSMISSION PIPELINE (RBWTP 55/2018)**

- ▶ Phase- I upgrade of the transmission main connecting North and South Batinah has been planned
- ▶ Phase- II which is to ensure that the entire Barka - Sohar system is capable of meeting the normal operation demands, surplus water transfer from one plant to connected areas of other plant and emergency transfer of water.
- ▶ Supply of ABB flow meter for construction works for water transmission system from Sohar to Dhahirah governorate

***Tender No: 06/2017***

***Client: Public Authority  
for Water***

***Contractor: Metito  
Overseas Limited***

***Sub-Contractor: Mazoun  
Electromechanical Co.  
L.L.C***

***Project Value:  
615,000.000 OMR***

## **INSTALLATION, COMMISSIONING AND TRIAL OPERATION FOR ELECTROMECHANICAL ITEMS FOR SOHAR DHAHIRAH**

- ▶ Installation, commissioning and trial operation for the electro-mechanical work items in 4 new pumps stations and also install, commissioning and trial operation of Mechanical Works of Electro-Chlorination system IR Sohar and Ibri city 2 full unit.
- ▶ Installation of surge system (Surge Vessels, Vented Surge Vessels , compressors, control panel, etc....) with piping, valves, instruments & all accessories for 04 new Pump Stations as follows.
- ▶ Installation, commissioning and trial operation for Electrical &Mechanicals Works at Dank & Dhahirah IR.
- ▶ Installation of Instruments items in all pump stations shall be included on MOV 's scope of works.
- ▶ Trial operation for 3 months till get the handing over certificate & PAC successfully.

**Tender No: 24/2017**

**Client: Al Nahdha Al  
Omaniah Co. LLC**

**Contractor: Mazoun  
Electromechanical Co.  
L.L.C**

**Project Value:**

**100,000.000 OMR**

## **CONSTRUCTION OF FRONTIER CAMPS: AIN AL HILWA/AL SAFA**

- ▶ Design & Supply of 2 no. of sewage treatment plant to achieve ultimate treatment capacity of 18 m3/day/each of domestic sewage.
- ▶ Supply of all Interconnection pipes, valves & fittings.
- ▶ Supervision for installation and commissioning.

**Tender No: 81/2017**

**Client: Public Authority  
for Water**

**Contractor: Societe  
Egyptian D'Entrprises**

**Sub-Contractor: Mazoun  
Electromechanical Co.  
L.L.C**

**Project Value:**

**3,619,845.641 OMR**

## **REINFORCEMENT OF THE EXISTING AD DAKHILIYAH WATER TRANSMISSION SYSTEM PHASE 1 – SHORT TERM WORKS**

- ▶ The aim of this project is to improve existing potable water to supply to Governorate of Ad Dakhiliyah by improving/reinforcing the existing pump stations as MPS, BPS1, BPS2 and BPS3.
- ▶ MEMCO Scope is Design, Supply, Installation, Completion, Testing and Commissioning. As well as Start-Up and Training of PAW team for Electro-mechanical, Chlorination, SCADA and Instrumentations Works.

And the planned improvements will comprise, but not limited to the following works:

- ▶ Reinforcements of the existing pump stations including Main Pump Station (MPS), Booster Pump Station 1 (BPS1), Booster Pump Station 2 (BPS2) and Booster Pump Station 3 (BPS3).
- ▶ Replacement of the existing chlorination systems within the pump stations with the new electro-chlorination systems.

**Tender No: 29/2019**

**Client: Public Authority  
for Water**

**Contractor: Mazoun  
Electromechanical Co.  
L.L.C**

**Project Value:**

**59,832.900 OMR**

## **SUPPLY OF OF ETECTRICAL SPARES FOR AL DHAHIRAH GOVERNORATE**

- ▶ Switchgear low voltage Maintenance
- ▶ Switchgear medium voltage Maintenance
- ▶ protection relay of switchgear medium voltage /Replacement with programing
- ▶ Rewinding Motor.
- ▶ Supply Low voltage Spare parts.

***Tender No: 61/2014***

***Client: Public Authority  
for Electricity & Water***

***Contractor: Mazoun  
Establishment for  
General Trading &  
Contracting***

***Project Value:  
499,800.000 OMR***

## **COUNTRYWIDE DATA MONITORING/HISTORIAN SYSTEM, DESIGN AND WORKS AT COUNTRY CONTROL ROOM IN MUSCAT GOVERNORATE**

7 GEOGRAPHICAL AREAS INTEGRATED TO THE  
NATIONAL CONTROL CENTRE

- Adh Dakhliyah
  - AI Wusta
  - AI Buraymi, North Batinah
  - Ash Sharqiyah
  - Ad Dhahirah
  - Al Khoud, South Batina
  - Muscat
- 
- ▶ Highly Available (redundant) OSIsoft PI historian implementation for data management and online historization
  - ▶ Web server implementation (PI Vision) allowing organization wide access to real time and historical operations and analytical data
  - ▶ Redundant regional OSIsoft PI Collectors and iFix SCADA in each region
  - ▶ Thin and thick client implementation for data monitoring through KPI utilization, reporting and visualization
  - ▶ Cyber security compliant architecture with automated backups and industry standard best practices

***Tender No: 30/2018***

***Client: Public Authority  
for Water***

***Contractor: Mazoun  
Electromechanical Co.  
L.L.C***

***Project Value:  
241,068.000 OMR***

## **CAPACITY ENHANCEMENT IN BARKHA PUMPING STATION**

- ▶ Supply and installation of pumps to strengthen the pumping capacity of the main pumping station in Baraka



**Tender No: 64/2016**

**Client: Al Aman  
Technical Enterprises**

**Contractor: Mazoun  
Electromechanical Co.  
L.L.C**

**Project Value:  
121,880.000 OMR**

## **FRAMEWORK CONTRACT FOR THE IMPLEMENTATION OF DISTRICT METERING POINTS**

- ▶ Supply and install all the required devices and services as per the BoQ including:
  - Battery Operated Electro-mechanical Flow Meters
  - Pressure transmitters
  - Data logger as per the design
  - Communication devices if required as per the design
- ▶ Establish the communication to the National SCADA Control Centre
- ▶ Establish the communication to the National SCADA Control Centre
- ▶ Required engineering and configuration works in the existing SCADA system for the new DMPs
- ▶ Complete integration of the DMP to the existing SCADA
- ▶ Testing and commissioning for each new DMP.
- ▶ The following data shall be available as a minimum measuring parameters:
  - Instantaneous Flow Rate in m3/Hour
  - Instantaneous Water Pressure in Bar
  - Total Flow Value in m3' (configurable to Forward, reverse or/and bidirectional net flow).
- ▶ All the equipment, instruments, hardware, software etc.

**Tender No: \*\*\*\*\***

**Client: Sint Overseas LLC**

**Contractor: Mazoun  
Electromechanical Co.  
L.L.C**

**Project Value:  
90,386.000 OMR**

## **Design, Supply, Installation & Commissioning of complete pump station with all related electrical components & surge protection system**

Portable Water Pipeline Connection of MOD Shafa Camp with PAW Water Distribution Network

- ▶ Under take the Design of the complete pump station (Pumps, valves, Pipes ...etc.)
- ▶ Undertake Transient Hydraulic Study includes the following:
  - Mathematical Constructed model of the system that includes all relevant hydraulically connected components.
  - Confirmation of pump head requirements or achievable flowrates from selected pumps.

- Computer simulation that determine the extent and magnitude of surge pressures due to pump and valve operation.
- Calibration of any surge suppression equipment requirements, where shown to be necessary (surge vessels and/or others).
- Recommend location of any major necessary air valves.
- Recommend any other remedial measures to ensure the system operates in a predictable, safe and secure manner.
- ▶ Supply of 2 No. surge vessels including caged ladder, platform, Suitability sized manhole / door with davit arm / hinges and top handrail with internal Epoxy coating & the following accessories:
- ▶ Heavy Duty, two stage stationary reciprocating oil lubricated piston air compressors with a maximum working pressure of 15 Bar. Suitable for safe area installation including Unloading Valve with Y/D Starter, Integrated receiver tank, LV Motor, IEC approval.
- ▶ Installation of the air piping system connecting the main surge vessel to the compressed air system
- ▶ Supply installation and commissioning for MCC PANEL contain the following :
  - Incomer breaker is considered JP MCCB, J6kA with Adjustable Thermal
  - Adjustable Magnetic release.
  - Outgoing breakers are considered JP MCCB, J6kA with Fixed thermal fixed magnetic release.
  - Phase Indication Lamps, Ammeter with ASS & Voltmeter with VSS are considered for the incomer.

***Tender No: 06/2017***

***Client: Public Authority  
for Water***

***Contractor: Societe  
Egyptienne D'Enterprises  
(SEDE)***

***Project Value:***

***267,329.077 OMR***

## **SOHAR AD'DAHIRA**

- ▶ Supply of ABB flow meter for construction works for water transmission system from Sohar to Dhahirah governorate.

***Tender No: 06/2017***

***Client: Public Authority  
for Water***

***Contractor: Societe  
Egyptienne D'Enterprises  
(SEDE)***

***Consultant: AAW***

***Project Value:***

***615,000.077 OMR***

## **SOHAR AD'DAHIRA**

- ▶ Installation , commissioning and trial operation for Electro –Mechanical works of pumps stations for sohar Dhahirah Transmission System

***Tender No: \*\*\****

***Client: Haya Water***

***Contractor: Mazoun  
Electromechanical Co.  
(MEMCO)***

***Project Value:***

***27,059.175 OMR***

### **Ordering of new circulation pumps for MPS 2&3**

- ▶ Supply and install of 6 Vertical Flowserve Mag drive (INNOMAG) centrifugal chemical circulation pumps as a replacement of existing Korean banded pumps located in OCU system designed to circulate chemicals inside the tank at Haya Main Pump stations 2 & 3.

***Tender No: \*\*\****

***Client: Haya Water***

***Contractor: Mazoun  
Electromechanical Co.  
(MEMCO)***

***Project Value:***

***28,000.000 OMR***

### **Replacement of Faulty UPS System at B4 Pumping Station and Seafront pumping station 1 & 2**

- ▶ Supply 2kva UPS

***Tender No: 85/2018***

***Client: Public Authority  
for Water***

***Contractor: Al Ansari  
Trading Enterprise LLC***

***Project Value:***

***209,000.000 OMR***

### **SUPPLY AND DELIVERY OF SPECIAL PUMPS FOR ADHARA AND ADAKHLIYA REGION**

- ▶ Supply Special Range Of Pumps With Motors

***Tender No: 45/2019***

***Client: Public Authority  
for Water***

***Contractor: Mazoun  
Electromechanical Co.  
L.L.C***

***Project Value:  
170,021.500 OMR***

## **SUPPLY OF PUMP SPARE PARTS FOR AD DHAHIRAH GOVERNORATE.**

### **SUPPLY THE SPARE PART FOR FLOWSERVE PUMPS AS:**

- ▶ GLAND FLANGE
- ▶ FLAT GASKET
- ▶ GLAND PACKING ANNULAR
- ▶ Casing Gasket
- ▶ Gland Packing Annular
- ▶ IMPELLER SPACER SLEEVE
- ▶ THROWER
- ▶ O RING PART
- ▶ Casing wear Ring
- ▶ INNER RACE CENTRING SLEEVE DE
- ▶ SHAFT SLEEVE PART
- ▶ LAST DIFFUSER
- ▶ BALL BEARING
- ▶ SEAL RING
- ▶ LOCK WASHER

***Tender No: 81/2017***

***Client: Public Authority  
for Water***

***Contractor: Delta  
International***

***Project Value:  
148,447.016 OMR***

## **SUPPLYING PIPES AND FITTINGS FOR ECCP DAKHILIYAH**

- ▶ Supply of CS Pipes & Fittings (on behalf of SEDE/ECCP) which is based on their final BOQ & related sub-contract.

***Tender No: 81/2017***

***Client: Public Authority  
for Water***

***Contractor: Mazoun  
Electromechanical Co.  
L.L.C***

***Project Value:***

***92,883.000 OMR***

## **SUPPLYING OF SPARE PARTS FOR VFD BPS3 AND BPS4**

- ▶ Supply of CS Pipes & Fittings (on behalf of SEDE/ECCP) which is based on their final BOQ & related sub-contract.
- ▶ Supply , installation and commissioning of spare parts for VFD type ABB ACS 800 for pump station
- ▶ We have 2 pump station BPS3 and BPS4
- ▶ BPS3 and BPS4 each have five numbers VFD ACS 800( variable frequency drive ) which in service since year 2009
- ▶ Each VFD drive pump motor at variable speed to control water flow as per required demand ,VFD supplied from low voltage transformer 415 volt
- ▶ After 9 years of operation its required to do major service by replacement of some parts like DC capacitors , some control cables and electronic boards , in addition to cooling fans which required to replace each 5 years at most
- ▶ After replace old parts with new one will do required test and configuration for notify customer or operator with next date to do maintenance procedure next time.

***Tender No: 99/2018***

***Client: Public Authority  
for Water***

***Contractor: Delta  
International***

***Project Value:***

***40,937.850 OMR***

## **SUPPLY OF SPARES FOR TFS AUTOMATION SYSTEM**

- ▶ Suitable Valve Kit for the existing (Burkert or Equivalent) brass valves.
- ▶ Solenoid Coils suitable for the existing Burkert valves or Equivalent
- ▶ Spare CPU for the existing Control Panel (AC500-eCO ,ABB or equivalent)
- ▶ Digital I/O Moudle for the existing control panel
- ▶ Fixed Range Flow Meters with Ceramic Rotors, as per specifications
- ▶ Ceramic Flow sensors (Wheel fan), Tremic or equivalent
- ▶ GPRS/3G Communication module , Flexy201,WON or equivalent
- ▶ Socket Plug for the connection of electrical components according to DIN EN 175301-803 (previously DIN 43650, Form A) Burkert or equivalent.

***Tender No: 99/2018***

***Client: Public Authority  
for Water***

***Contractor: Mazoun  
Electromechanical Co.  
L.L.C***

***Project Value:  
169,665.000 OMR***

## **SUPPLY OF SPARES FOR TFS AUTOMATION SYSTEM**

- ▶ The Scope of Work supply Flowing Material for spare Parts of TFS Automation System under this:
- ▶ The Suitable Valve Kit for the Existing Equivalent) brass valves.
- ▶ Solenoid Coils suitable for the existing valves or equivalent
- ▶ Card Readers compatible with the existing system or equivalent, complete with all interfaces and cables, suitable for charging terminals.
- ▶ Flow meter coils suitable for the existing flow meters
- ▶ Card Readers compatible with the existing control panel or. Equivalent, complete with all interfaces and cables, Suitable control panels
- ▶ Spare CPU for the Control Panel (4C500-eCO, ABB Or equivalent) control panel.
- ▶ Water Vending Machine Complete with all accessories.
- ▶ Solenoid Coils suitable for the proposed new valves in no 2

***Tender No: 135/2012***

***Client: Oman Oil  
Refineries and Petroleum  
Industries Company  
(ORPIC)***

***Contractor: Mazoun  
Establishment for  
General Trading and  
Contracting***

***Project Value:  
220,000.000 OMR***

## **Upgrade 8 Existing Pump“S Suction And Discharge Valves For (“Recovery Unit”) At Aromatics Plant Located In Sohar, Sultanate Of Oman.**

- ▶ The Scope of Work covered under this CONTRACT comprises the engineering, procurement and supply of materials, installation & various construction activities, testing and commissioning of the modified valves. Also to upgrade the installed gearbox operated suction and discharge valves of P-A3004 A/B/C&D to Motor Operated Valves. These gate valves were installed in Aromatics Plant during construction phase at 2008.
- ▶ The detailed design, procurement, construction and commissioning for modifying 8 numbers of gear box operated gate valves for 4 pumps suction and discharge valves at Aromatics Plant in A3000 Recovery Unit.
- ▶ The modification for the valves is to replace the existing gearboxes arrangement with new actuators assembly to be MOVs (Motor Operated Valves). The existing gate valves are as follow:
- ▶ Four valves size are 36” gearbox operated gate valve (Suction Valves of Pump P-A3004 A/B/C&D)

- ▶ Four valves size are 30" gearbox operated gate valve (Discharge Valves of Pump P-A3004 A/B/C&D)
- ▶ The following are major repairs/replacement & installation works to be executed by Mazoun as mentioned below:
- ▶ Replace the old gear boxes arrangement with new actuators.
- ▶ Modify the existing valves to be fixed with new MOV arrangement.
- ▶ Supply and Installation of the new actuators assembly.
- ▶ Supply and Install new cable trays for Power and Control cables and provide necessary support to locate the trays.
- ▶ Laying the electrical & control cables in the trays as per Orpic Plant philosophy.
- ▶ Supply and Install Remote Hard Switches (20 m distance) arrangement.
- ▶ Glanding and Termination of power cables and control cables.
- ▶ DCS & ESD modification as per Orpic existing (DCS &ESD operational philosophy)
- ▶ Commissioning of all the eight valves.
- ▶ Updating the existing P&ID"s and develop a new power, DCS, ESD and logic diagrams.

***Tender No: 135/2012***

*Client: Public Authority for Electricity & Water*

*Contractor: Societe Egyptian D'Entrprises*

*Sub-Contractor: Mazoun Electromechanical Co.L.L.C*

***Project Value:  
5,709,770.000 OMR***

### **Water Transmission Pipeline From The Water Treatment Plant Wadi Dayqah Dam At Mazari In Wilayat Qurayyat To Deem Reservoir In Governorate (Wadi Dayqah Water Supply Schem)**

- ▶ Engineering, Procurement, Installation and commissioning of Pumps, Piping, valves, water hammer protection system, Tanker filling Station, instrumentation, and SCADA, and all associated LV&MV electrical works



***Tender No: 134/2012***

***Client: Public Authority for  
Electricity & Water***

***Contractor: Mazoun  
Establishment for General  
Trading & Contracting***

***Project Value:  
2,301,454.827 OMR***

### **Provision & Installation Of Tanker Loading Control And Automation Systems In The Service Areas Of Paew**

- ▶ The system is to upgrade the old existed water vending machines with a regional and master SCADA system by installing a PLC with all related I/Os at each site and connect this PLC via GPRS network to the regional SCADA station and in turn connect the regional system to main SCADA offices in Muscat over GPRS or 3G technology.
- ▶ The total number of all locations are 438 distributed over 7 regions as illustrated in the architecture bellow, and the PLC at each site is connected to card identification system to authorize the water filling for each buyer.
- ▶ All process at site will be transferred to the regional system over GPRS by daily bases and also an automatic reports for delivered water quantity will be generated by the regional SCADA system and will be send to the main SCADA system by email.
- ▶ On each at site alarm, SMS will be also generated and forwarded to the responsible technicians to inform him what the problem is and at which site.
- ▶ Also our scope of build and supply, a charging terminal which will add units to the authorized cards, this unit is a PC with card reader and our own built software to manage this cards issuing and recharging.

***Tender No: PRS 15/41***

***Contract: No. MWR/16/012***

***Client: DIWAN OF ROYAL  
COURT Sohar Municipality***

***Contractor: Mazoun  
Electromechanical Co.L.L.C***

***Project Value:  
83,790.000 OMR***

### **Supply & Installation Of Automatic Vending Machine and Card reader Systems**

As per The Public Authority of Electricity and Water (PAEW) requirements and its desired specifications, Mazoun Electromechanical Co. (MEMCO) is proudly presenting this new, reliable, well protected solution. It will eliminate all the pain points in the old system and will satisfy all PAEW needs to improve and develop the Tanker Filling Stations (TFSs) all over the Sultanate of Oman. This new system will have many features and high flexibility according to PAEW requirements.

The System is designed and manufactured completely by MEMCO and all technical support for services and maintenance after sales is available by experienced team of engineers.

***Tender No: 75/2013***

***Client: Public Authority  
for Electricity & Water***

***Contractor: Mazoun  
Establishment for General  
Trading & Contracting***

***Project Value:***

***46,337.025 OMR***

### **Supply, Installation, Testing And Commissioning Of One Pump With Motor For Qurayat Pumping Station**

- ▶ Engineer Procurement, installation, and commission of one pump with motor, pipe works, SCADA and other related accessories with a capacity of 230 m3/hour at 120 meters head.

***Tender No: CCED-13-516***

***Client: CC Energy  
Development S.A.L***

***Contractor: Mazoun  
Establishment for General  
Trading & Contracting***

***Project Value:***

***25,950.000 OMR***

### **Provision of Pipeline Leak Detection System**

- ▶ The main project objective is to design a Leak Detection System (LDS) based on SCADA and controlling software which will read the data of the Oil pipeline such as: flow, pressure and temperature over the OPC server from Siemens PCS7 DCS system.
- ▶ All of this data will be integrated in the new system and many equations will be executed to sense any leak over 83KM pipeline and give the approximate position of this leak.
- ▶ The project includes installing one server which will read all required data over the OPC server and will make all necessary mathematical equations and will deliver the results to two work stations located in two deferent locations and all communications are over redundant FO network.

***Tender No: 67-2013***

***Client: Public Authority  
for Electricity & Water***

***Contractor: Mazoun  
Establishment for  
General Trading &  
Contracting***

***Project Value:  
394,200.000 OMR***

**Build, Own, and Operate SWRO Plant at AL-Khalouf  
(400 M3/day)**

- ▶ Our project scope is to design & supply water treatment plant 400M3/day including full design of sea water intake along with all civil works and operation & maintenance procedures.
- ▶ Mazoun RO plant project in Al Kholoof is a fully automated SCADA system which had been executed carefully to ensure maximum reliability and continuous functionality.
- ▶ The project is to produce pure drinking water from sea water and this process involves several stages:
- ▶ First of all, the sea water is pumped to a large tank where it is flooding to another tank as a first stage of filtration.
- ▶ Then, the sea water is pumped into several multimedia filters where they isolate suspended solids from the water as a second stage of filtration.
- ▶ After that, the water is pumped with high pressure into the membranes for ultra-filtration. These membranes can filter the water from a very small particles measured in micrometer. This stage is consider as the third stage of filtration.
- ▶ Throughout these stages, several chemicals are dosed as per international standards and it's monitored to ensure the quality of the water.

***Tender No: 134-2012***

***Client: Public Authority  
for Electricity & Water***

***Supplier: Mazoun  
Establishment for General  
Trading & Contracting***

***Project Value:  
11,000.000 OMR***

### **Water Distribution Network for Wilayat Dama Wa At Taiyyin**

- ▶ Our scope in Kabbah project was to design build and put in operation a PLC system to control Tank filling depending on a new hydrostatic level transmitter and existed pump, also to control the chlorine injection system according to flow rate and chlorine rate to get a static ratio for chlorine in the potable water.
- ▶ The system is equipped with panel HMI for all readings and historical data, this data is registered on the PLC SD card following all alarms and abnormal readings beside all totalizing and chlorine value in timely manner. The system is equipped with GPRS modem for sending SMS messages in case of defined alarms to the client technicians.

***Tender No: 94/2012***

***Client: Public Authority  
for Electricity & Water***

***Supplier: Mazoun  
Establishment for General  
Trading & Contracting***

***Project Value:  
175,000.000 OMR***

### **Proposal For Supply and Delivery of Monitoring Equipment For PAEW**

- |  |        |
|--|--------|
| ▶ Insertion Probes (ABB AquaProb)          | Qty:25 |
| ▶ Portable Ultrasonic Flowmeters (Hydreka) | Qty:20 |
| ▶ Pressure Guages (Wika)                   | Qty:40 |
| ▶ Ruggedized Laptops (Dell Latitude)       | Qty:20 |
| ▶ Gauging Rods (ABB)                       | Qty:17 |

**Tender No: 91/2012**

**Client:** Public Authority for  
Electricity & Water

**Supplier:** Mazoun  
Establishment for General  
Trading & Contracting

**Project Value:**  
**96,656.000 OMR**

## **SUPPLY AND DELIVERY OF ELECTRONIC LEAK LOCATION EQUIPMENT FOR PAEW**

- ▶ Acoustic leak locator (Aqauphon A100) Qty:25
- ▶ Acoustic correlator (SeCorr 08) Qty:16
- ▶ Pipe/Cable Locator (UtiliTrac R130+G100)Qty:17
- ▶ Metal Detector (M130) Qty:17
- ▶ Measuring Wheel Qty:17

**Tender No: 108/2012**

**Client:** Public Authority  
for Electricity & Water

**Contractor:** Mazoun  
Establishment for General  
Trading & Contracting

**Project Value:**  
**106,000.000 OMR**

## **Construction & Installation of Booster Pump Stations and other Associated Works at Site locations at Wilayaet Sur**

- ▶ The project comprises of the construction and installation of booster pump stations at five sites in Wilayat Sur in South Alsharqiyah governorate. The locations of the new booster pumps are, Bilad Sur, Abo Kala, Al kahraba, Al eija, and Al murtafa. Each location will include the installation of a HDPE fabricated kiosk with RCC basement for the installation of two pumps and control system at agreed levels. The pump house design will be above the ground with suitable elevation from the surface ground.
- ▶ For each location the work will also include the design, supply, installation, testing and

commissioning of the two centrifugal pumps with motors & Variable Frequency Drive and other related accessories with a capacity of 25 l/s each at 30 meters head.

- ▶ The work will also include the supply and installation of electrical control panel with monitoring facilities such as volt meter, ampere meter, power meter, running hours meter etc. and light indicators at each location.

***Tender No: 105/2010***

***Client: Public Authority  
for Electricity & Water***

***Consultant:  
Energoprojekt Entel LLC***

***Contractor: Societe  
Egyptian D'Entreprises***

***Project Value:  
1,185.000.00 OMR***

### **Construction of Additional Tanker Filling Station in Al-Sharqiah Region**

- ▶ 5 pumping station transfer through pipeline water to 5 different locations (10 pumps units with motors from 18 KW up to 160 KW low voltage)
- ▶ Pipe works fitting , valves inside pump station
- ▶ Domestic Pumps
- ▶ Sump pumps
- ▶ 4 Surge Protection Systems
- ▶ 11 Tanker Filling Stations (3 bays)
- ▶ 2 Overhead EOT Cranes (capacity 3.2 Ton )
- ▶ 2 Monorail Cranes (capacity 3.2 Ton )
- ▶ Low voltage Switchgear MCC's, Capacitors,
- ▶ Street Pole lights

***Tender No: 228/2008***

***Client: Public Authority  
for Electricity & Water***

***Consultant: Mott  
MacDonal & Company***

***Contractor: Target LLC***

***Project Value:  
1,090,000 OMR***

### **Water Supply Scheme to Qurayat.**

- ▶ Main Forwarding pumps complete with electrical. Motors including hydraulic calculations like duty point NPSH calculation pump and motor selection etc...
- ▶ Fire Fighting Pumps and related piping works.
- ▶ Domestic water pumps and related pipe works.
- ▶ Sump Pumps.
- ▶ Water hammer protection system including Surge analysis study , for pressure vessels and pipeline, main vessels with cat ladder , pipe fitting ,valves, air compressors with air piping , level indicators, level switches, Safety valves control panel cables, etc...
- ▶ Pump Houses Piping and valves up to end of wall pieces or 1 meter out of the building wall of each pump house including pipe fitting with gaskets, bolts , and any required jointing material and pipe supports.
- ▶ Low voltage Switchgear MCC's, Capacitors, 30 V.DC. Source battery charger and batteries including designing drawing electrical calculations colorations study protection study, with all necessary interfacing with SCADA.
- ▶ Power and Control Cables, Cable Trays, etc...
- ▶ Overhead Crane including all girders, steel runway beams Power Cables, Flex Cables and Control Panels.
- ▶ Cat and Mouse Mechanical level indicators for all Ground Reservoir.
- ▶ All pipe work of Tanker filling Stations include Prepaid card system vender machines.

- ▶ Put control philosophy for the project and prepare all hard ware signals to SCADA calibrate and commissioning Motor Operated Valves with complete coordination supervision.
- ▶ Design, supply , install , programming and commissioning all SCADA and Communication works
- ▶ Engineering, Supply and, install, test Fiber optic cable.
- ▶ Commissioning, Testing, 90 Days Trail Operation and Maintenance works completion.
- ▶ Provide advice and recommendation on the design to the main contractor regarding air valve at pipeline (type, Quantity, and location) Orifice plate (location, size, design, and detailed fabrications), and Flow Control Valves.

***Tender No: 36/2009***

***Client: Public Authority  
for Electricity & Water***

***Contractor: Mazoun  
Establishment for  
General Trading &  
Contracting***

***Project Value:  
150,000.000 OMR***

### **Design, Supply, and Install Control System for Water Conductivity and Monitoring Systems of Barka Pumping Station**

- ▶ 2 Submersible Pumps
- ▶ Pipe network and valves
- ▶ 6 Conductivity Sensors.
- ▶ 2 Flow meter
- ▶ Low voltage motor control switchgear
- ▶ SCADA system



***Tender No: 136/2005***

*Client: Public Authority  
for Electricity & Water*

*Consultant: Energoprojekt  
Entel LLC*

*Contractor: Societe  
Egyptian D'Entrprises*

***Project Value:  
4,475,000.0000 OMR***

## **Central Desalination Plant at Sur Water Scheme at Al-Sharqyah Region**

- ▶ 18 pumping station transfer through pipeline water to 18 different locations (55 pump units with motors from 18 KW up to 600 KW low voltage and medium voltage)
- ▶ 4 Fire Fighting pumps system (45 kW )
- ▶ 17 Domestic Pumps
- ▶ 15 Sump pumps
- ▶ 12 Surge Protection Systems
- ▶ 14 Tanker Filling Stations (3 bays)
- ▶ 30 (Cat and Mouse Level indicator) for Ground Reservoirs
- ▶ 5 Overhead EOT Cranes (capacity from 2 Ton up to 6.3 Ton )
- ▶ 4 Monorail Cranes 1, and 1.5 Ton
- ▶ 1 Diesel Generator 650KVA
- ▶ Medium Voltage and Low voltage Switchgear MCC's, Capacitors, 30 V.DC. Source battery charger and batteries including designing drawing electrical calculations colorations study protection study, with all necessary interfacing with SCADA

**Tender No: 136/2005**

**Client:** Public Ministry of  
Regional Municipalities &  
Water Resources

**Consultant:** National  
Engineering Services  
Pakistan & Partners  
NESPAK

**Contractor:** ERKO Oman  
LLC

**Project Value:**  
**375,000.000 OMR**

### **Construction of Sewerage Network and Sewage Treatment Plant at Sumail Town**

- ▶ Sewage treatment plant includes `Grit channel,  
Oxidation ditch, Clarifiers, pump station recycle,  
feeding pumps Irritation pumps filter tanks
- ▶ 3 pump stations ( Main Lift Station , Lift Station 1 ,  
and Lift Station 2)
- ▶ 3 Odor Control System
- ▶ 4 diesel generators

**Tender No: 132/2005**

**Client:** Public Authority  
for Electricity and Water

**Consultant:** Mott  
MacDonal & Company  
LLC

**Contractor:** ERKO Oman  
LLC

**Project Value:**  
**2,178,000 OMR**

### **Water Supply of Bidbid Fanja, Sumil Town Phase 2**

- ▶ 3 pumping stations:
  - MPS (4 x 1650 KW pump units )
  - BPS1 (4 x 1250 KW pump units)
  - BPS2(4x 850 KW pump units )

***Tender No: 141/2005***

***Client: Public Authority  
for Electricity and Water***

***Consultant: NJS  
Consultants (Sumail to  
IZKI)***

***Energoprojekts Entel LLC  
(IZKI to Nisswa)***

***Contractor: ERKO Oman  
LLC***

***Project Value:  
1,369,000.000 OMR***

## **Water Supply of Sumail IZKI Nizwa Town**

- ▶ 2 pumping stations:
  - BPS3 (4 x 1250 KW pump units)
  - BPS4 (5x 500 KW pump units )

## “Mazoun Pumps” at-a-Glance

After considerable market research into the general engineering industry in Oman, Mazoun management recognized that there is a substantial lack of support with specific regard to the maintenance and refurbishment of rotating equipment.

For this reason, “**Mazoun Pumps Factory**” was established to provide a professional engineering and service facility covering the following aspects:

- ▶ Supply of new Centrifugal Pump’s with bedplates and drive unit.
- ▶ Repair and refurbishment facilities for Centrifugal Pump’s.
- ▶ Reverse Engineering Center for local manufacture of pump spare parts.
- ▶ Dynamic balancing of rotors up to 5000 Kg.
- ▶ Local design and manufacture of bedplates required for new pump and motor sets.
- ▶ Pump upgrades for new duty requirement’s.
- ▶ Installation and the commissioning of equipment.

## Repair and refurbishment facilities for Centrifugal Pump's

Our workshop has been set up to provide a facility for the repair and refurbishment of Centrifugal Pumps in the Oil & Gas and Water sectors in Oman.

We will deploy a dedicated team to work on your equipment, this team will be responsible for the dismantling, inspection, and condition reporting of all components to determine whatever remedial action is required to complete the repairing and the refurbishment.



## Local manufacture of spare parts

The following pictures show the wide and varied range of components that can be manufactured at Mazoun Pumps.





## MEMCO's Quality Management System

*“MEMCO will strive to give full attention to the quality of all its activities.*

*Our commitment to quality and total customer satisfaction is the responsibility of every employee and is demonstrated by our quality system, on-going management review, and continual improvement based on feedback”*







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