



**Modern Arowwad Accessories
For Electrical Equipment Trading Co.**



**شركة الرواد لمحطات التحويل الكهربائية
Al-Rowwad for Electrical Substations**

The needs on the energy is increasing day by day in our world as a result of the increasing in the population; therefore, for meeting energy need, and by decreasing the effect on the environment and applies creative and efficient solutions in energy field. AL-ROWWAD has been accomplished in engineering, consulting & contracting in the electrical substations. AL-ROWWAD offers comprehensive solutions for the activities of Design, installing, testing, commissioning and maintenance of the LV, MV & HV Equipment for the distribution, transmission and power generation plants, all needed consultant engineering services, scada adjustment, engineering and primary-secondary projecting works, board design and manufacturing, wind and HES energy at the outset renewable energy applications are accessible in the Service range of AL-ROWWAD and still offers solutions with the specialist crew and experience.

OUR MISSION:

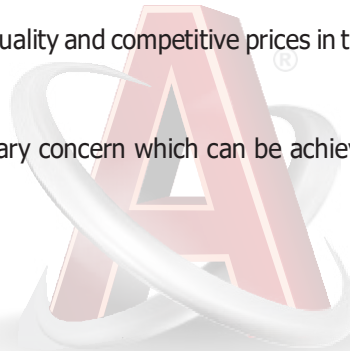
In achieving and providing the best job and service, the company mainly depends on the long experience of its staff of engineers, and working team.

OUR VISION:

We perform studies to enrich the market with high quality and competitive prices in the field of electrical contracting.

OUR OBJECTIVES:

The customer satisfaction is our ultimate and primary concern which can be achieved by providing excellent and high quality performance



Engineering

The first step in a successful project organization starts with engineering. AL-ROWWAD company provides a full range of engineering services from project development and studies to operations and maintenance services. Specializing in the field of Energy and Power projects, we are well positioned and qualified to meet the global needs.



Installation

Entire assembly of a facility is realized from the first entrance point of energy, starting with planned mobilization, erection works and finishes with testing and commissioning with AL-ROWWAD expert engineers and technicians.

- Power Plants.
- HV & MV Substations (AIS - GIS).
- Industrial Facilities
- GIS & AIS Installation Up to 380 kV (Gas Insulated Switchgears)
- AIS & GIS Medium Voltage Switchgear Installation.
- Low-Voltage, Control, SCADA, communication, MCC etc.
- All kind of Transformers Installation.
- All kind of Cables & cable terminations works.
- Earthing & Lightning Installation.
- Steel Construction Installation.
- All kind of Lighting System Installation.
- LV & MV Isolated Bus ducts.



Testing and Commissioning

AL-ROWWAD was developed by a team of experienced substation services commissioning engineers, to meet the needs of the ever evolving technical aspects of the substation services.

- Entire Tests of HV-MV-LV Switchgears.
- Transformer Tests.
- Protection & Control Tests.
- Primary Injection Tests.
- Secondary Injection Tests.
- DC System Tests (Chargers & Batteries).
- Cable Tests.
- SCADA System Tests.
- Communication System Tests.
- Measurement System Tests.
- Dielectric Tests.
- Chemical and Electrical Tests of Oil
- Gas Analysis Test of Oil
- Grounding Resistance and Ground Impedance Measurements.



Switchgear Maintenance and Service:

Entire electric distribution systems maintenance is performed for increasing operating times of working facilities, and decreasing cutoff times. AL-ROWWAD is providing preventive & emergency maintenance services and by going to facility in breakdown situations.

- Full Maintenance of HV-MV-LV Switchgear Facilities.
- Transformer Maintenance.
- Maintenance and Calibration of Protection Relays.
- Maintenance and Calibration of Measuring Instruments.
- Compensation Maintenance
- DC System Maintenance.
- SCADA and Signal Systems Maintenance.
- Communication System Maintenance.
- Grounding Measurements.
- Thermal Camera Analysis.
- Prepared Maintenance reports and results, problems and solutions are sent to our customers.



Training Services

- Operation & Maintenance Training.
- Protection Relays Training.
- Protection System Training.
- Primary Equipment Training.
- The usage of Testing Devices Training.
- Installation Procedures Training.
- Testing & Commissioning Procedures Training.
- Specific Training for Facilities.
- Schematic Reading Training.
- SCADA System Training.
- Communication System Training.

Business Areas

- Outdoor Air Insulated Switchgears.
- Gas Insulated Switchgear.
- Power Plants.
- Industrial Facilities
- Shopping Centers.
- Substations.
- Hospitals.
- Hotels.
- Airports.
- Petrochemical Refineries.
- Oil & Gas Industry





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شركة الرواد لمحطات التحويل الكهربائية

Al-Rowwad for Electrical Substations

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