

PROFILE



POWERCORP

General Trading & Contracting Co. W.L.L.





Introduction

Power Corp General Trading & Contracting Company W.L.L. is incorporated by technocrats having vast experience in Engineering and Construction field in Kuwait, with a vision to provide high quality service to our esteemed customers in the area of Electrical and Instrumentation Engineering.

Mission

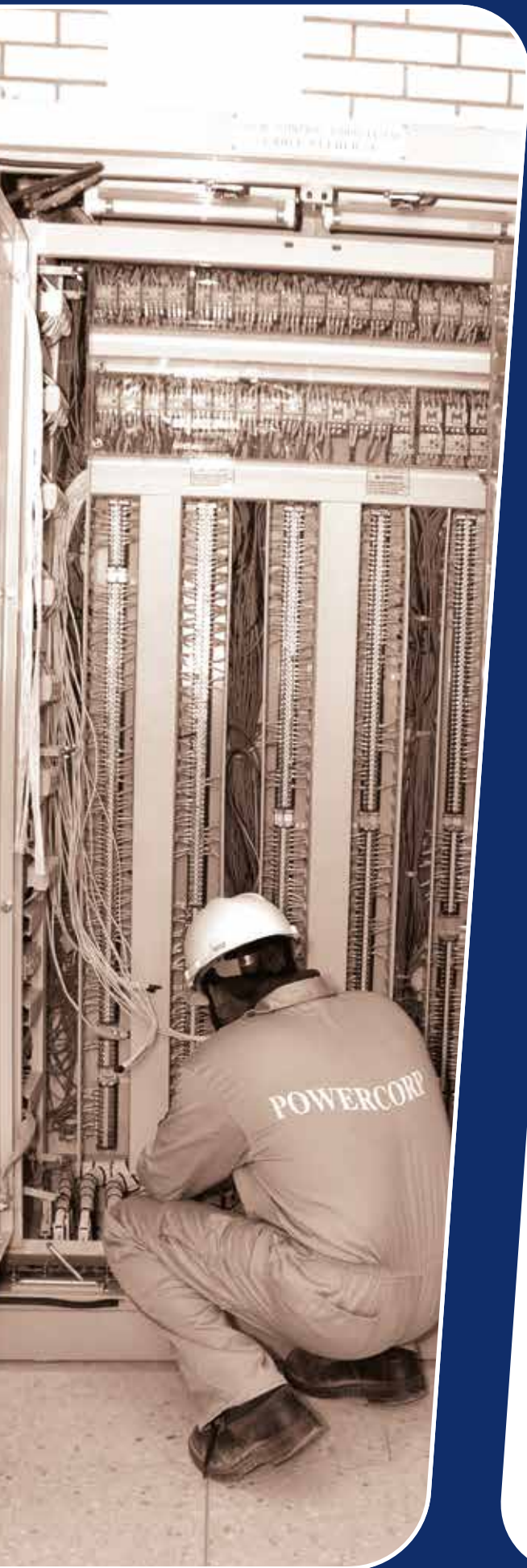
Power Corp is committed to maintaining the highest standards of quality, safety, leadership, and performance to our clients across the nation by way of our continuous development and commitments in the areas of culture, integrity and safety. We will continue to invest in facilities, systems and highly trained technical personnel providing added-value to our business relationships.



Vision

Electrical energy is a cornerstone of our life. There will be continuous need for products and services to harness its use. Power Corp will strive to be the best-in-class as a distributor of quality products and services.





Our Service

Turn key execution of Electrical and Instrumentation projects from concept to commissioning.

Power Corp is specialized in providing complete electrical & instrumentation services for the Oil & Gas as well as Commercial & Industrial sector. It is one of the most dependable contractors in execution of turnkey contracts, handling everything from systems concept to detailing, procurement, installation, testing and commissioning.

Our project execution strength comes through investing in the right management, administration and operational staff and the right systems, resulting in a flexible, comprehensive industrial support organization to excel, even in the most demanding situations.

With tremendous procurement strength and the ability to further leverage of the strength of its parent company, Power Corp has an infrastructure and a pool of talent that allows high quality facilities management services at competitive prices.

Our employees are highly skilled and well trained experts which leads to successful implementation of each assignment.

Power Corp is certified and confident of maintaining high quality workmanship and professional management standards.



Installation of complete Substation including:

- a. Installation of Switchgear Busduct and Transformer.
- b. Power and Control cable laying and termination works.
- c. Installation of cable Tray and Ladder.
- d. Installation of Earthing and Lightning protection systems .





- e. Installation of Generator and Auto transfer systems.
- f. Substation Shutdown Jobs.
- g. Industrial lighting job
- h. HT & LT Cable jointing / Cable termination work.



Detailed Engineering services for Electrics in various EPC / PC Contracts.

We can offer the following detailed Engineering services to the entire satisfaction of our Customers.

- ◆ Engineering Specification / Guidelines for Electrical works for EPC projects.
- ◆ Cable sizing calculations.
- ◆ Cable Schedule.
- ◆ Earthing calculations.
- ◆ Electrical Equipment sizing calculations.
- ◆ Lighting calculations.
- ◆ Electrical Equipment Arrangement / Layout drawings for Sub stations and Control Rooms.
- ◆ Earthing, Lighting, Lightning protection, Cable Tray and Cable Layout drawings.
- ◆ Single line and Schematic diagrams of Electrical Networks.
- ◆ Procurement Specifications / data sheets for Electrical Equipment's.
- ◆ Technical evaluation of offers from vendors till the stage of finalization.
- ◆ Review of vendor data.



We do the following tests for Switchgear:-

- ◆ Measurement of the insulation resistance.
- ◆ High voltage testing of Bus bars and circuit breakers.
- ◆ Functional tests on Vacuum / SF6 /Air Circuit Breakers and Earth Switches.
- ◆ Sequential operation Tests.
- ◆ Testing of Potential transformers (PT).
- ◆ Testing of current transformers by primary injection testing.
- ◆ Testing of characteristics and operation of Protection Relays and Meters by secondary injection testing and setting of Relays.

We do the following Electrical tests:-

- ◆ Battery charge / discharge tests.
- ◆ Testing the lighting and small power system.
- ◆ Testing of Earthing system.
- ◆ Insulation resistance and High Voltage Tests for Cables.

We do the following tests on Transformers:-

- ◆ Oil Dielectric test.
- ◆ Ratio and Phase Relationship test.
- ◆ Insulation resistance test.
- ◆ Functional Check on all instruments/ components.



Testing and Pre-commissioning services for Medium / Low voltage Electrical equipments including supply of skilled manpower.

Complete Testing and Pre-commissioning of Sub stations including HV/MV/LV Switch gear, Transformer, Battery & Charger, Power & Control cables, etc. We can supply skilled technicians for installation of Electrical and Instrument equipments / Cables and Systems.





Rental Equipment Resources

We have the following Electrical Test Equipments on daily / monthly rental basis.

- 1 3Ph Relay Test Set / 3Phase Secondary Injection Kit
- 2 Primary Injection Kit (0-2000A)/ Multi Function Kit
- 3 Battery Load Unit
- 4 External Battery Load Bank
- 5 Oil BDV Kit
- 6 High Voltage Test Kit (AC \bar{O} 30kv)
- 7 High Voltage Test Kit (DC \bar{O} 30kv)
- 8 Insulation Resistance Tester (5KV)
- 9 Circuit Breaker Analyzer
- 10 Digital Clamp Meter (2000A)



- 11 Digital Leakage Current Tester
- 12 Digital Earth Tester
- 13 AC/DC Hook-on Meter (1000 A)
- 14 Frequency Meter
- 15 Digital Multimeter
- 16 Phase Rotation Meter
- 17 Phase Continuity Tester
- 18 Primary Injection Kit (0-2500A)
- 19 Phase Angle Tester
- 20 Secondary Injection Kit
- 21 Step Up Transformer (BT 12300)
- 22 Timer
- 23 Variable Transformer (0-240V, 8A)
- 24 1KV Battery Megger
- 25 SF6 Analyzer 973
- 26 Generator
- 27 Transformer Oil Filtration M/c



HSE (Health and Safety)

The Management of Power Corp is committed to the Health and Safety of its Employees who are involved in our works. Protection of employees from injury or occupational disease is our major objective.

We are committed to improve towards an accident free work place and environmental sound manner.

The Management recognizes that safe work environment can be established and sustained only through united efforts by all employees. The attitude and co-operation of each and every employee towards accident prevention and assist in achieving the goal “No one gets hurt” and make our Company the best place to work in where employees share in the corporate growth and success with safe and healthy environment.

Power Corp’s main aim is to ensure continual improvement of HSE performance by building environmental consideration into its decision making process and methods of operation to minimize the environmental impact and prevent pollution. Effective administration, education and training for all employees. All Employees shall be educated to the containing objective of eliminating the ‘near miss’ which will greatly reduce the risk of injuries. Educate all about reducing wastes. HSE Records are maintained to assure the high quality of work.

We will be guided by the following basic principles:

All accidents, occupational illnesses and environmental incidents are preventable. Compliance with applicable laws and governing regulations is a requirement. Working safely and protecting the environment are conditions of employment. Prevention of injuries, occupational illnesses and environmental incidents is good business.

Our Main aim is to support the HSE Policy of the company and to achieve the Safety Goals & Objective:-
Zero Accidents.



Quality Assurance System

Next to the safety system, the company prefers Quality control system as the second objective to the management and is committed to deliver the highest quality of products and performance. Our company has been maintaining high degree of reputation with its Clients/ Principals (Power, Petrochemicals, Petroleum and Oil Sectors), by always serving both with the highest quality standards that we always regard as our highest priority.



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Electrical Products

- ◆ Alternator, Transformer
- ◆ Cable Ladder /Tray
- ◆ Control and Instrumentation
- ◆ Cable Glands & Cable connectors
- ◆ Cables
- ◆ Control Gear
- ◆ Fiber Optic cables
- ◆ Armored Cables
- ◆ Emergency and Escape Sign
- ◆ Explosion- Protected Luminaries
- ◆ Electric Heaters
- ◆ Fiber optics
- ◆ Generator Controls
- ◆ Generators & Traction Motors
- ◆ Uninterruptible Power Supplies
- ◆ Frequency Inverters
- ◆ Manual motor Starter Switches
- ◆ Flameproof Alloy Enclosures for Distributions,
- ◆ Remote I/O for field and control Room
- ◆ Compact Fluorescent Light
- ◆ Distributions in Modular Design
- ◆ Trace Heating Distributions
- ◆ Motor Starters
- ◆ Source

- ◆ Electrical Lamps, Fixtures, Fittings
- ◆ Flood Lights
- ◆ Explosion- Protected Switch and distribution
- ◆ Explosion- protected Plugs and Sockets
- ◆ Explosion- Protected Terminal Boxes
- ◆ Explosion – protected Switchgears

Electrical Test Equipments

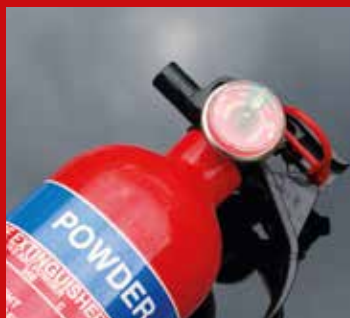
- ◆ Electrical Test Meters
- ◆ Multimeters
- ◆ Clamp-on-Ammeters
- ◆ Insulation Resistance Tester
- ◆ Phase Rotation Meters



Fire & Safety Products

Personal protective Equipments

- ◆ Safety Helmets
- ◆ Safety Boots
- ◆ Safety Coveralls
- ◆ Safety Harness
- ◆ Safety Gloves
- ◆ Self- Contained breathing Apparatus (SCBA)
- ◆ Personal Safety Monitors
- ◆ Air Supplied Respiratory protection
- ◆ Breathing Air Systems
- ◆ Eye Wash Unit
- ◆ OSHA & Hazards Sign Station
- ◆ Escape Hood
- ◆ Technical rescue Suits
- ◆ Flame Resistance Fabric



Industrial Safety Equipments

- ◆ Sprinklers
- ◆ Fire Hoses & cabinets
- ◆ Fire suppression units
- ◆ Fire Extinguishers
- ◆ Thermal Imaging Technology
- ◆ Flammable Safety Cans & storage cabinets
- ◆ Communication Systems
- ◆ Flames detectors
- ◆ Intrinsically Safe Smoke and Heat detectors
- ◆ Fire alarm control panels
- ◆ Fire ladders
- ◆ Portable Gas detectors
- ◆ Industrial telephones
- ◆ Voice Evacuation & mass Notification Systems
- ◆ Pressure Regulating Valve
- ◆ Breeching Inlet
- ◆ Landing Valve





A Commitment to Quality ...



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