



EMERGING ENERGY CONTRACTING EST.

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CONTENTS

1. About Us	03
2. Vision & Mission	04
3. Quality/HSE Policy	04
4. Services We Provide	05
5. Civil	07
6. Mechanical	07
7. Electrical	06
8. Instrumentation	07
9. Power & Automation	08
10. Specialized Technical Services	08
11. Pre-Commissioning & Commissioning	09
12. Our Major Clients	10

COMPANY INTRODUCTION

ABOUT US

EEC Energy is a leading global consulting, engineering, construction and operating firm. We work side by side with clients to build a more balanced, sustainable and resilient world.

A Saudi-based company, EEC energy is an independent global organization offering a wide range of Civil, Mechanical, Electrical, and Instrumentation services for the upstream industry of the Petrochemical, Metal Minerals, and oil gas industry. We are engaged in Engineering, Procurement,

Installation, and Commissioning (EPIC) of Civil, Mechanical, Electrical, Instrumentation, and Control Systems with a track record as a major supplier of products and services to the regional and international oil and gas companies and contractors. Through continuous development of its human resources and acquisition of technologies, determined challenges, and practices we are committed to meeting the customer satisfaction

The Major business areas of the company are:

- Civil
- Mechanical
- Electrical
- Instrumentation
- Automation
- Testing & Commissioning Services
- Fiber Optic & IT Solutions





VISION

The vision that helps us deliver excellence...

- EEC is dedicated to excel in providing epic services by offering a comprehensive range of project management skills from feasibility studies, front-end Engineering and design up to commissioning and start up
- We strive to provide our clients high technology cost effective solutions in Electrical and Instrumentation sector for both onshore and offshore projects



MISSION

Objectives in our march towards perfection...

- Products and services that are fit for purpose
- High quality standards to ensure customer satisfaction
- Timely deliver with improved efficiency
- Be the preferred supplier & solution provider to industry Continuous improvement of health and safety standards
- Environment friendly work practices
- Maintain the lead position on our areas of expertise and specialization

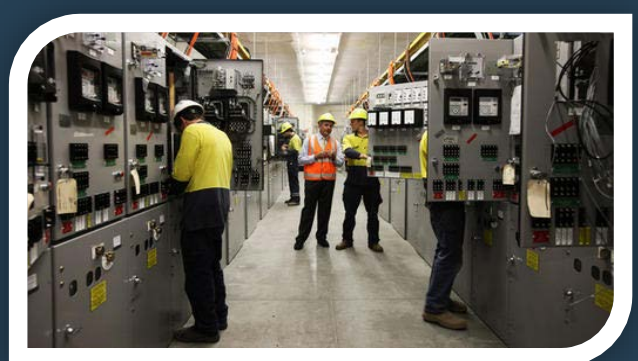
QUALITY/HSE POLICY

- Health, safety and environment policies that reflects our belief and commitment
- We are reputed as a highly reliable EPC contractor with a perfect safety and quality record. We have strong HSE and Quality policy in addition to an established HSE and Quality Management System.



SERVICES WE PROVIDE

Installation and Solutions We Provide



ELECTRICAL

- Motor Control Centers
- Installation of Transformers and Power Equipment
- Control and protection panels
- Outdoor, switch yard equipment including CT
- PT, LA, Outdoor Bus Works and Breakers
- Laying of cables
- LV power Cables
- LV Control Cables
- Installation of Ladder Type Cable Trays
- Installation of Control Cable Trays
- LV power and control cable termination
- Lighting systems
- Lightning protection system
- Turn key construction of Substation up to 230 KV
- Testing and commissioning of Electrical Equipment and systems
- GIS and Metal clad switchgear
- Low voltage/Medium voltage drives Installation
- Supply and installation of ENCODERS
- LV/MV cable Splicing and Termination
- Busduct Replacement



INDUSTRIAL UPS

- Supply of industrial UPS System
- Installation, Testing and Commissioning of UPS System
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INSTRUMENTATION

- Control cabling
- Control cable tray installation
- Installation of DCS, Marshaling and local control panels
- PLC Cabinet installation
- Console installation
- Work station installation
- Protection panel installation
- Analog and Digital cabling
- Analyzer installation
- Impulse Tubing
- JB installation
- Field instrument installation
- Installation of Pressure Switch, Level Switch, Temperature Element and Flow transmitter
- Installation of all types of Valves and Actuator
- Termination
- Up gradation of PLC's

- Interposing Relay Panel Installation
- Marshaling panel Installation
- ESD Cabinet Installation
- Loop checking & Functional Testing
- Installation of Thermocouple/RTD Sensors /Vibration sensors for GAS and Steam turbine

OFFSHORE SPECIALIZED SERVICES

- Submarine Cable Splicing Termination & Testing Services
- Providing professional Services Saudi Aramco Certified Cable Splicers for both FOC and Submarine Cables
- Providing Specialized Engineers for Relays Breakers, Transformers etc.
- Fiber Optic Cable Splicing Termination, Testing Services
- Engineering Support for Pre commissioning activities

CIVIL

- Feasibility studies
- Engineering design
- Planning, Procurement & Supply
- Project Management
- Electrical buildings
- Construction of foundations, columns
- Construction of trenches for cable and pipes etc.

MECHANICAL

- Pneumatic piping
- Instrument piping
- Air head modification
- Hydraulic line modification
- Modification of piping
- Instrument Air tapping
- Manifold installation
- Skid assembly and installation
- Hot tapping
- Valve replacement
- Valve installation

POWER & AUTOMATION

- Power equipment Erection
- Fiber Optic Splicing & UTP Cabling
- Substation Construction and Testing
- Installation of switches / Media Converters & routers
- Installation of Servers and HMI Panels
- RTU Panel Installation
- UPS Installation
- Retrofitting & Preventive Maintenance



SPECIALIZED TECHNICAL SERVICES THAT INCLUDE:

- Cable Repairing and Fault Locating
- Partial Discharge & High Pot Testing
- Power Cable Monitoring
- Distributed Temperature Sensing & Real Time Thermal Rating (DTS & RTTR)
- Power Cable Joints & Termination
- A range of pneumatic and electronic test equipment – all IES/SABIC/ARAMCO certified
- Repair and calibration of field instruments of any size or type
- Specialist knowledge on industrial projects for materials selection and procurement
- Ability to pre-fabricate large control packages on or off site
- High tech security, control and safety systems
- Consultation and support with engineering for project design, and project management
- Provision of technicians for maintenance, installation and commissioning activities as required
- Trained, Instrument Engineers and Technicians for installation, calibration, commissioning, fault identification and repair of Process instrumentation across a variety of process industries

PRE COMMISSIONING & COMMISSIONING ASSISTANCE

- Provides Engineers, Supervisors and Technicians with the relevant industry experience and competencies
- Having people with experience in the commissioning of Instrument & Electrical control systems in a diverse range of processes within any environment
- Provide documentation that is traceable to IES/SABIC/ARAMCO standards
- Training client personnel on operation and maintenance of all installed equipment
- Assisting the client in the development and schedule of maintenance routines
- Hazardous area auditing and documentation

TEST & CALIBRATION EQUIPMENTS

We are able to deliver this equipment to a client's site and can also provide fully equipped portable workshops to provide a complete service on site. We also have the ability to scope, hire/deliver and operate required test and calibration equipment.



OUR MAJOR CLIENTS



أرامكو السعودية
Saudi Aramco



الشركة السعودية للكهرباء
Saudi Electricity Company

مرافق
MARAFIQ



ABB

TURNER
ECS

Honeywell



DANIELI AUTOMATION

SMS group

tenova



فولاد
FOULATH





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Kingdom of Saudi Arabia

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