



مؤسسة الطاقة الغربية للمقاولات العامة
WESTERN ENERGY GENERAL CONTRACTING EST.

CONTRACTING / TRADING/MANUFACTURING DIVISION PROFILE



WESTERN ENERGY COMPANY LTD.

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ORGANIZATIONAL INFORMATION

Company Name : WESTERN ENERGY COMPANY LTD.
Type of Company : Trading, Contracting & Manufacturing
Registered under the laws of : Saudi Arabia
Percentage owned by Saudi National : 100%
Commercial Registration No : 2051034451

Bank Information:

1) Bank : National Commercial Bank
Branch : Thugbah Branch
IBAN# : SA 64 1000 0005 4613 1100 0104
Account # : 054613 11000104
A/C Currency : Saudi Riyal

COMPANY REGISTRATION

Saudi Aramco Contractor/Vendor No: 10040313
Saudi Electricity Company Contractor & Trading/Contractor No: 5008113
MARAFIQ Contractor/VENDOR No: 2414
SAT Saudi Arabian TEXACO/Vendor No: W-006
SABIC/ Vendor No. 507704

INTRODUCTION



INTRODUCTION



Western Energy Company Ltd. (WENCO), a leading service provider, is a driving force in the local industrial market with a specialization in multi-discipline engineering as well as an in-depth expertise in customer support.

WENCO, headquarter in Al-Khobar, Saudi Arabia and 100% owned by a Saudi entity. The company is established on the idea of serving customers with premium and dedicated services. Exceeding our client's expectations from traditional contracts though to full partnering agreements, WENCO's capabilities cover all aspects of utility provision from Oil and Gas, Petrochemicals, Water, Power Distribution and Transmission to comprehensive Telecommunications, Instrumentation and Security Systems and all associated Civil, Mechanical and Electrical Engineering, among others.

WENCO has major clients is key industrial leaders and ministries in the Kingdom of Saudi Arabia, such as SAUDI ELECTRICITY COMPANY (SEC), SAUDI ARAMCO, MARAFIQ, SENDAN, SADARA, PATROL STEEL, HUTA, NCC, RABIGH, ERAM, MITSUBISHI Heavy Industries ,etc.....

WENCO is focused on customer satisfaction and improving its product specialty with in-depth market survey and exposure to the local and in international markets to provide comprehensive pre and post sales services. Our team of highly experienced, motivated and dedicated professionals is attentive into meeting such goals.



Vision and Mission

The vision and mission of WESTERN ENERGY COMPANY LTD. is to offer technically compact, Reliable & Cost effective services to all our customers.

The goals are achieved by:

- Tailor made Services at par with customer requirement
- Complying relevant industrial standards
- Providing quality services

Values

- Customer Satisfaction
- We concentrate our efforts towards a better and long term relation with our clients and ensure to build a trust-based relationship with them.

➤ Excellence

We strive to ensure excellent service in all what we do and we do it with honesty, integrity and professionalism.

➤ Leadership

We achieve to the best of our market performance, outrun our own expertise and competition, have passion to pursue our goals and boost other along the way.

➤ Teamwork

We value collaboration and team contribution, encourage creativity, initiatives and new solution and align to the utmost results exceeding success.

➤ Commitment





مؤسسة الطاقة الغربية للمقاولات العامة
WESTERN ENERGY GENERAL CONTRACTING EST.

MESSAGE FROM THE PRESIDENT

س.ت. ٢٠٥١٠٣٤٤٥١ - محافظة الخبر - هاتف : ١٣٨٩٧ ١٥٤٤ (٠٠٩٦٦) - فاكس : ١٣٨٩٧ ١٤٥٥ (٠٠٩٦٦) ص.ب ١٧٩٥٣٥ الخبر ٣١٩٥٢ - المملكة العربية السعودية
C.R. 2051034451 Al-Khobar - Governorate - Tel.: (00966) 13 897 1544 - Fax: (00966) 13 897 1455 P.O. Box 79558 Al-Khobar 31952 - Saudi Arabia



مؤسسة الطاقة الغربية للمقاولات العامة WESTERN ENERGY GENERAL CONTRACTING EST.



We had a modest initiation more than a decade ago with a cherished goal of contributing towards the Kingdom's industrial growth and development, which was in its ascent stage then. We always embraced challenges, constraints and countless obstacles in our stride. Our organizational philosophy was driven by the analogies of best practices, commitment, dedication, sincerity and highest ethical standards.

Our strategies, structure and systems have been focused on creating constant customer satisfaction by delivering our customers with the services, solutions and products that are qualitative and cost effective. In the quest for becoming regional, national and international players of the industrial world, we have been tapping on the

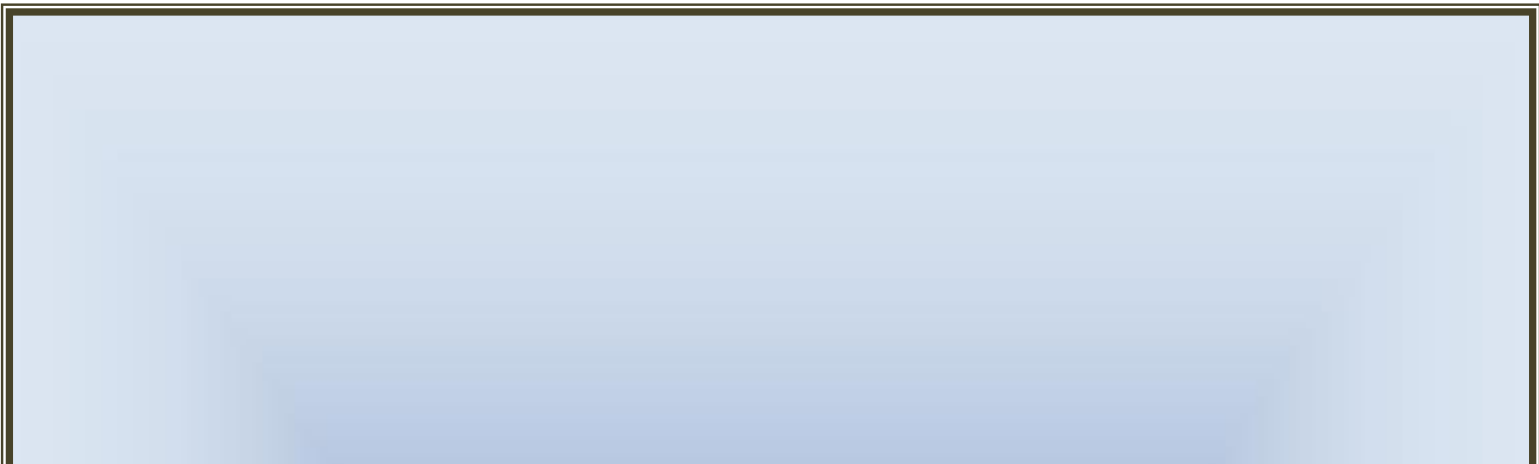
Talents of our human resources, prevalence of rational decision making and forward planning in the most synchronized Manner.

Our achievements, accomplishments and successes of high proportions are attributable firstly to Allah, the Almighty and then to our valuable assets - our people, whose persistent hard work, unwavering commitment, invaluable contribution, tremendous faith, confidence and trust have all been instrumental for taking our company to its present status.

Our focus towards remaining winners all the way in all our endeavors at all times remains total, absolute and comprehensive.

Being the President & Managing Director of, WESTERN ENERGY COMPANY LTD. (WENCO) it is a matter of tremendous pride, pleasure and privilege for me to reflect and share our achievements of the past, activities of the present and ambitious vision of the future.

FAHAD K. AL-HAJRI
President & Managing Director





KEY PERSONNE LIST

MANPOWER CATEGORIES:

1. Project Manager

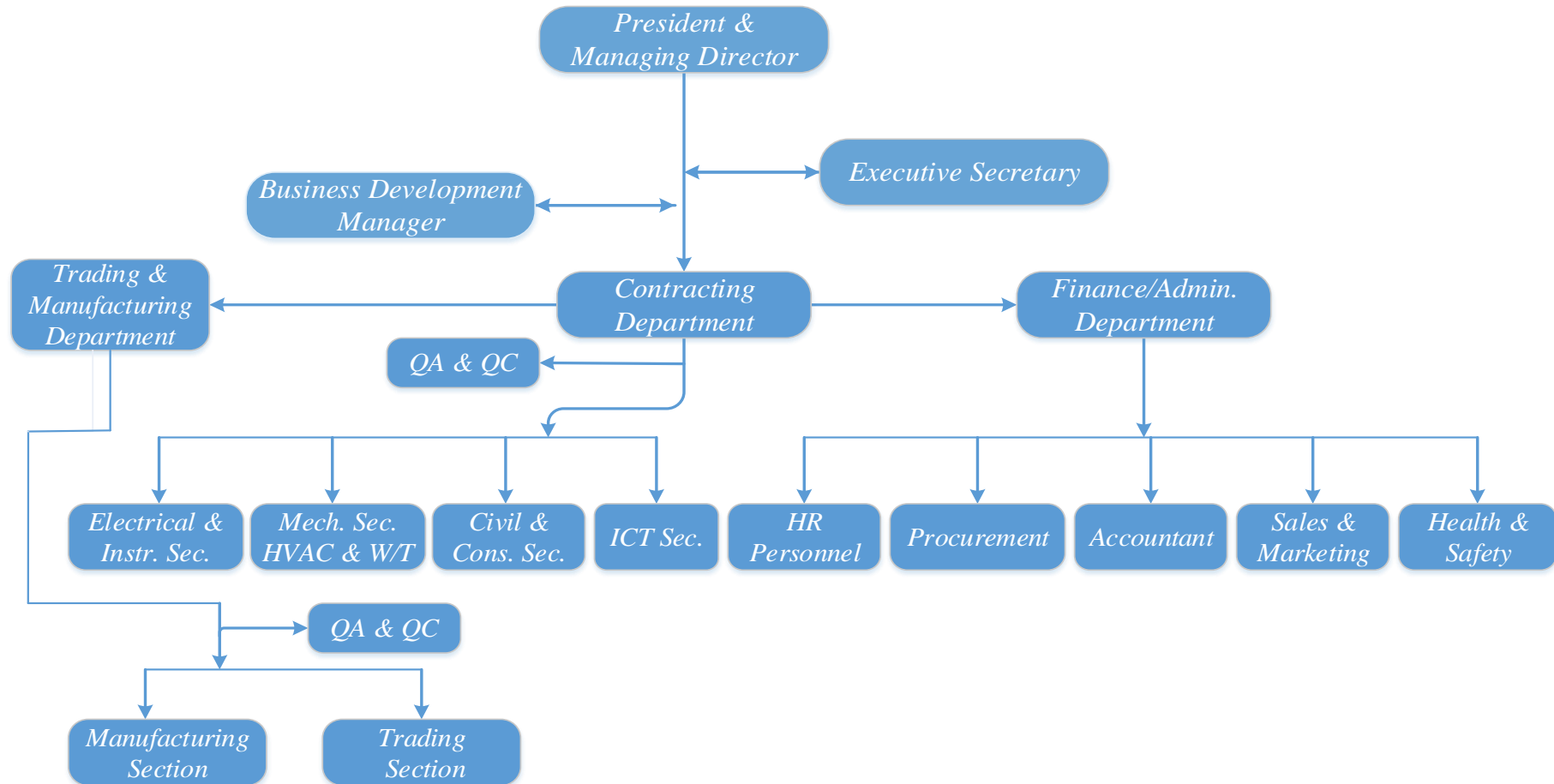


2. Electrical Engineers
3. Civil Engineers
4. Mechanical & Instrumentation Engineers
5. Safety Engineers
6. QA/QC Engineers
7. Civil, Electrical and Mechanical Supervisors
8. Civil, Electrical and Mechanical Draftsmen
9. Civil, Electrical and Mechanical Foremen
10. Civil, Electrical and Mechanical Estimators
11. Instrumentation Supervisors and Foremen
12. Insulation, Ducting and Painting Supervisors and Foremen
13. Surveyors and Material Controllers
14. Heavy Equipment Operators
15. Heavy and Light Drivers
16. Welders
17. Masons, Carpenters, Steel Fixers, Painters
18. Pipe Fitters, Plumbers
19. Fabricators, Duct men, Cladders, Insulators
20. Scaffolder
21. Crane Operators, Riggers
22. Certified LV, MV & HV Cable Jointers/Terminators
23. Skilled Industrial Electricians
24. Skilled Building Electricians
25. Electrical Testing Crew
26. Instrument Technicians
27. Linemen, HVAC Technicians
28. IT Technicians
29. Fiber optic Cable splicers
30. Accountants and Office Administrators
31. Civil, Electrical and Mechanical Helpers



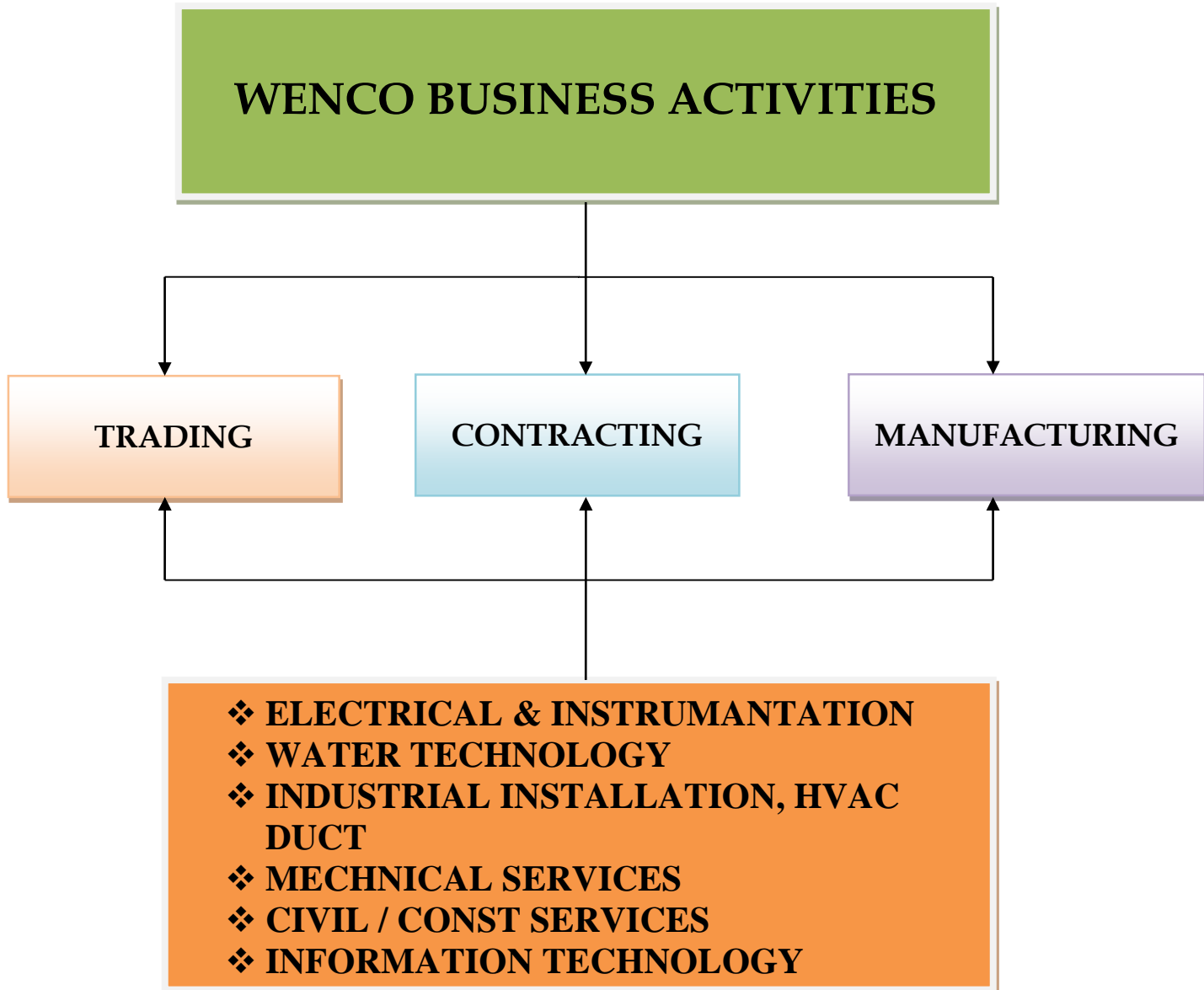
شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

ORGANIZATIONAL
CHART



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

SS



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TRADING

WENCO has ventured with Global Procurement Company who has Established relationships with thousands of manufacturers across the world. We supply a lot type of different products in electrical, instrumentation, mechanical, oil field supply, and telecommunications, including tubing, pipes, tubes, valves, pumps, electrical fittings and explosion proof boxes, instruments, bulk material, pumps, flanges, fitting the list is as endless as WENCO's global network of suppliers. With a vast global network of suppliers and manufacturers, We WENCO serves as a single source of supply for all your projects' needs. Whether it's electrical, instrumentation, telecommunication, mechanical products, or industrial supplies, our sales engineers will evaluate hundreds of sources to find the right manufacturer, the right delivery and the right price.

Established in 2005, **WENCO** group is an associated with local as well as international trading & manufacturing company. Being Saudi's premier electrical contracting organization, today the company has evolved as the country's leading turnkey MEP (Mechanical Electrical & Public Health and safety) service provider with a varied range of solutions, from HV (High Voltage) & LV (Low Voltage) Electrical Systems, HVAC (Heating, Ventilating and Air conditioning), Plumbing, Fire Fighting, Fire Alarm, Security Systems, Structured Data Cabling, Integrated Building Management Systems, EPC, Diesel Generator & Control Panels manufacturing.

We are extensively experienced in offering all Instrumentation, Electrical, Mechanical, Oil field Drilling and Telecommunication materials from the world class approved manufacturer from Saudi Aramco, Saudi Electricity Company and SABIC.

Alpha Group:

WENCO has been in contact with Alpha Group's MII Technologies, who are Power Solution providers with a long range of customized solutions for Industrial as well as Business Applications. Alpha provides Cable / Broadband, UPS & backup power, Telecommunications, Wireless Technology, Industrial Power and renewal energy products.

This Canadian company's battery banks, chargers and UPS are being used by Oil Exploration, backup systems for power generation and distribution companies as well as high profile security applications. We are continuously moving to create more solutions for the local market and therefore are forecasting good projects of renewable energy in Saudi Arabia.



- Battery Banks
 - Nickel Cadmium type
 - Lead Acid type
 - LA Valve regulated (catalyst type)
- Chargers
- UPS / Backup Batteries
- DC Power Solutions
- Wireless Technology



WENCO/TOFAMA/Leusch

WENCO

has the capacity to supply the complete range of Valves from Ball, Membrane, Diaphragm, Check, Globe, Solenoid Valves etc. The applications of these valves range over many industries such as Oil & Gas, Water & Desalination Plants, Fuels, Chemical & Acids, Power Plants, process industries and many more. We have the privilege of being associated with world renowned brands such as Broen-Zawgaz and TOFAMA to provide this huge range. We are working closely with these manufacturers to provide smart flow solutions for our customers as we have a well developed workshop facility to offer more customized products for their complex needs.

SCAN-VIBRO: Vibration motors for chemical, food & mineral industries, cement and steel.

VAUTID GmbH: Wear resistant plates, Electrodes of special application such as hard facing materials, hard facing for various applications.

SIG: Spa Italy Rubber conveyor belt systems.

TOFAMA SA: the company offers state-of-the-art instruments and equipment used in the production, storage and transportation of chemicals and food products.

BLACK TORQUE: Offers of high quality pneumatic actuators for valvededicated to various industries. Double acting and spring return actuators guarantee safety and long life solution to control quarter turn valves even over 4000 Nm torques.

DANCEM: Consultants Danish consultants and experts for all Industrial Projects which includes design and turnkey execution.

HELMKE: GmbH Electric motors (20kW and above)

ZAWGAZ: specialized in production of ball valves and accessories. The essential



applications of ball valves are: Oil & Gas, Petrochemical, Heating, Chemical, Water Supply.

Bucket Elevators:

(Chain Shackles, Plug-in Bucket) with accessories

- Bucket attachments
- Round link chains
- Chain locks
- Chain wheels
- Rotary Kiln Chain



Sterling Diesel Generator Set - SGV 334PR

**VOLVO
PENTA**

Gen. Set Model	SGV 334PR
Engine Make	VOLVO PENTA, Sweden.
Engine Model	TAD1341GE
Power rating	334KVA / 267KWe prime, 401KVA / 320KWe Standby.
Alternator	Stamford or Leroy Somer, Class H Insulation, IP23 protection, 0.8 PF.
Output Voltage	3 Phase, 480V, 60 Hz.
Circuit Breaker	630 Amp, 4 poles MCCB, ABB or equivalent.
Cooling System	Engine mounted radiator, cooling rated at 55°C.
Digital Controller	Deep Sea 7510 - UK. For Auto synchronization and digital monitoring.
Enclosure	canopy type, Acoustic built for average of 85dB (A) at 1 meter
Fuel Tank	Integrated single skin daily fuel tank, for 8 hours full load operation.
Modbus	RTU Modbus with open protocol.
Accessories	Battery and charger, residential mufflers, manual oil drain pump and Rubber type anti vibration mountings (AVM).

LIST OF PRODUCTS



Sterling Diesel Generator Set - SGV 400PR



Gen. Set Model	SGV 400PR
Engine Make	VOLVO PENTA, Sweden.
Engine Model	TAD1342GE
Power rating	400KVA / 320KWe prime, 410KVA / 328KWe Standby.
Alternator	Stamford or Leroy Somer, Class H Insulation, IP23 protection, 0.8 PF.
Output Voltage	3 Phase, 480V, 60 Hz.
Circuit Breaker	630 Amp, 4 poles MCCB, ABB or equivalent.
Cooling System	Engine mounted radiator, cooling rated at 55°C.
Digital Controller	Deep Sea 7510 - UK. For auto synchronization and digital monitoring.
Enclosure	Canopy type, Acoustic built for average of 85dB (A) at 1 meter
Fuel Tank	Integrated single skin daily fuel tank, for 8 hours full load operation.
Modbus	RTU Modbus with open protocol.
Accessories	Battery and charger, residential mufflers, manual oil drain pump and Rubber type anti vibration mountings (AVM).

Sterling Diesel Generator Set - SGV 450PR



Gen. Set Model	SGV 450PR
Engine Make	VOLVO PENTA, Sweden.
Engine Model	TAD1344GE
Power rating	450KVA / 360KWe prime, 456KVA / 365KWe Standby.
Alternator	Stamford or Leroy Somer, Class H Insulation, IP23 protection, 0.8 PF.
Output Voltage	3 Phase, 480V, 60 Hz.
Circuit Breaker	1000 Amp, 3 poles ACB, ABB or equivalent.
Cooling System	Engine mounted radiator, cooling rated at 55°C.
Digital Controller	Deep Sea 7510 - UK. For auto synchronization and digital monitoring.
Enclosure	Canopy type, Acoustic built for average of 85dB (A) at 1 meter
Fuel Tank	Integrated single skin daily fuel tank, for 8 hours full load operation.
Modbus	RTU Modbus with open protocol.
Accessories	Battery and charger, residential mufflers, manual oil drain pump and Rubber type anti vibration mountings (AVM).



★	Full range of Industrial Batteries	USA / U.K
★	Jet and reverse air filters, gas cooler, cyclones silencers for cement, steel industry and power plants	European
★	High speed exhaust fans, plover and fans for Steel, Cement, Power Plants etc.	European
★	High Voltage System / Cables & Accessories	Switzerland
★	Wear resistant special plates and hard facing materials electrode	European
★	Conveyor Rollers, Conveying Plates, highlifting pallet lifters, system solution for rubbish, scrap, wood chips, gravel, cement	European
★	Pumps, Compressors and spares	USA / European
★	Maintenance, Inspection instrument	USA / U.K
★	Welding consumables, welding machines / Generator, all types	European
★	Electric Power Transmission Equipment, instruments and hardware	USA / U.K / European
★	A.C and D.C Motors 0.6 - 1250 KW, Multiple type of electrical and mechanical, components, Carbon Brushes, Commutators	European
★	Endless Chains, Shackles, Buckets, Roller Chain for cement Kilns, heat exchanger etc.	European / Japan / USA
★	Aluminium, Cooper & Nickle cable lugs, connectors, terminal and special tools etc.	European
★	Gas Filters, Air, Oil, Flame Arrestors, Oil Separators, Skid and package unit	European
★	System integration for Power Generation Steam and Gas Turbine Monitoring, Load Tracking & distr. etc.	European
★	Transmitter, Pressure, Temp and Level Gauges	USA / European / China
★	All types of Cement plants consultancy, machinery and equipment and spare parts	European
★	Ejector Vacuum, Domestic and Industrial Heating and Environment Technology	Switzerland / European
★	Ejector Vacuum, Domestic and Industrial Heating and Environment Technology	USA / European
★	Process equipment, Dryer, Evaporator, Filtration, Agitator, Mixer	European



Micafluid AG:

Sterling Diesel Generator Set - SGV 687PR



Gen. Set Model	SGV 687PR
Engine Make	VOLVO PENTA, Sweden.
Engine Model	TWD1344GE
Power rating	687KVA / 549KWe prime, 755KVA / 604KWe Standby.
Alternator	Stamford or Leroy Somer, Class H Insulation, IP23 protection, 0.8 PF.
Output Voltage	3 Phase, 480V, 60 Hz.
Circuit Breaker	1000 Amp, 3 poles ACB, ABB or equivalent.
Cooling System	Engine mounted radiator, cooling rated at 55°C.
Digital Controller	Deep Sea 7510 - UK. For auto synchronization and digital monitoring.
Enclosure	Canopy type, Acoustic built for average of 85dB (A) at 1 meter
Fuel Tank	Integrated single skin daily fuel tank, for 8 hours full load operation.
Modbus	RTU Modbus with open protocol.
Accessories	Battery and charger, residential mufflers, manual oil drain pump and Rubber type anti vibration mountings (AVM).

WENCO has been in contact with Micafluid AG (formerly ABB-Micafil) which is a world renowned manufacturer of Oil Treatment plants. It provides standard plants for the treatment of insulating oils, oil filling and drying of electrical equipment such as transformers and switchgears. Micafluid produces plants with capacities ranging from 300 Lt/h up to 12000 Lt/h. Micafluid also offers specialized application solutions such as control the increased froth behavior of the treated insulating oil with an automatic froth surveillance system.



Selected industries:

- Chemistry & PetroChemistry Pulp & Paper, Wood processing Cosmetics Industry Beverage
- Pharma and Life science (Soft Drinks, Breweries, Distilleries)
- Glass, optics, solar cells industry Food
- Metal and surface technology (Dairy, Sweets, Starch, Meat, etc.)
- Automotive Power & Green Energy
- Oil & Gas Textile industry and laundries



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

MANUFACTURING/TRADING

Western Energy Company Ltd. (WENCO) was incorporated in 2005 and has endeavored to become a market leader when it comes to engineering excellence, and has been associated with world-renowned names in various industries. Our competence has been fueled by powerful brands and committed human resources.

WENCO has been actively involved with Power Plants, Substations, Cement, Petrochemicals, Pharmaceutical, Fertilizer, Food, Glass, Steel, Refinery, Chemicals, Instrumentation etc., and has played an integral part in their operational excellence by providing 'High-tech' products with unmatched quality and post-sales service.

Our product portfolio includes items such as Valves and Actuators, Heat Exchangers, AC/DC (HT/LT) Motors, Conveying Systems, Bucket Elevators & Accessories (upto 500kV), UPS & Power solutions, Advanced Mixing & processing Technology and Mechanical seals etc.

In 2005, WENCO evolved its services and to provide full-fledged post-sales services in their workshop and machine shop to facilitate these brands with post-sales services as well as training facilities for operations.

- ❖ WENCO assists manufacturers in the registration process with the KINGDOM's leading industrial companies like ARAMCO, SABIC and Saudi/Electric Co. (SEC).
- ❖ WENCO keeps close follow-up on prospective opportunities to get invited to bid as frequently as possible.
- ❖ WENCO acts in a positive manner to provide guidance and clarification to the manufacturers with regard to specifications, standards, and quality and delivery requirements of our clients.
- ❖ WENCO develops and partners into Manufacturing Joint Ventures in Saudi Arabia.
- ❖ WENCO is partner and exclusive agent of PMW for the purpose of TRADING, CONTRACTING & MANUFACTURING of Concrete Pole in Kingdom of Saudi Arabia
- ❖ WENCO is exclusive agent to MICROSTAR for trading & manufacturing of Digital Smart Meter



OVERVIEW OF WENCO FABRICATION SERVICES:

Fabrication / Manufacturing / Repairing Of Medium Size Machinery And Tanks, Conveying Systems, Silo, Dust Collector, Overhead Cranes, Dampers, Trusses etc.

- Fabrication of SS pressure tank in various sizes
- Fabrication, Installation & Commissioning of Steel SILO as per design / drawing (Turnkey contract, Civil, Mechanical & Electrical, EPC contract)
- Fabrication & Installation of Cement chutes with complete shelter
- Fabrication & Installation of piping jobs
- Fabrication & Installation of corrosion inhibitor storage tank & other mechanical jobs (Size 6m ø x 12m high)

Selected industries:

- Chemistry & PetroChemistry Pulp & Paper, Wood processing Cosmetics Industry Beverage
- Pharma and Life science (*Soft Drincs, Breweries, Distilleries*)
- Glass, optics, solar cells industry Food
- Metal and surface technology (*Dairy, Sweets, Starch, Meat, etc.*)
- Automotive Power & Green Energy
- Oil & Gas Textile industry and laundries

Garbage & Linen Chutes:

Uni-Metal chutes are very convenient, sample & low cost method of controlling and disposing of refuse & line.

Uni-Metal chutes meet the most stringent Requirements of environmental health & Safety. Chutes are used as original Equipment's in new buildings, such as, Hotels, hospitals, high rises and residential Towers.





Trading & Manufacturing of Digital Smart Meter



Bluestar Electrical Meter Research Institute

BlueStar was founded in June 1999, BlueStar has been focusing in design and manufacturing innovative electricity meter as well as advance AMR/AMI system including high technology AMR/AMI meter, Smart Meter, Data Concentrator and web-enable energy information collection and analysis system.

In last few years, BlueStar has been recognized as leading OEM/ODM technology provider to the main meter manufacturing company in China. BlueStar have also sold their meter to many other countries as well, including Asia, Europe and Africa. All Bluestar three-phase and single-phase meter comply fully with IEC standards and designed for all kind of severe environments including extreme temperature and humidity.

BlueStar offers turnkey AMR/AMI system solution for power plant, substation, industrial enterprises, utility companies, power distributors, suppliers and customer organization. Custom tailored software system plus remote energy data terminals can serve all kind of energy metering and billing requirements.

Microstar Electric Company Limited

Invested and owned solely by Bluestar, Microstar is responsible to manufacture all the product designed by Bluestar.

Western Energy Company Limited

WENCO is the Exclusive Agent to MICROSTAR for trading & selling of Digital Smart Meter here in Saudi Arabia. WENCO have plan start manufacturing the Digital Smart Meter and supply to all over GCC.

This includes following devices:-

1. Three Phase Smart Meter (P2000-T & P2000-D).
2. Single Phase Smart Meter (C2000).
3. Energy Remote Termination Unit (ERTU-BS05).
4. Hand Held Unit (PR-510).
5. Data Connector (EDAT-BS06).

Three Phase Smart Meter (P2000-T)

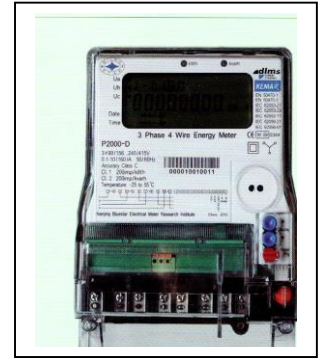
- Measurement of active, reactive and apparent electricity energy
- Maximum demand registration
- Load monitoring with instant voltage, current, power & power factor
- Load profile recording
- TOU control with flexible programming up to 8 tariffs
- Internal real time clock and calendar with battery backup
- Data storage in large non-volatile memory
- Full AMR compatible with option of built in GPRS, PSTN or Ethernet
- Easily readable data indication on LCD display





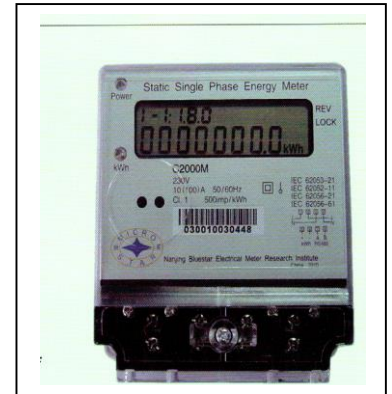
Three Phase Smart Meter (P2000-D)

- Measurement & Registration of KWh, kvarh, kVAh
- Maximum demand registration kW, kvar& kVA
- Load profile recording > 450 days @ 30 minutes interval
- TOU control with flexible programming up to 8 tariffs
- Backup Battery to read meter during main power failure
- Full AMR compatible with option of built in GPRS, PSTN or Ethernet
- Easily readable data indication on LCD large character with backlight
- LCD working temperature up to 70 °C, will not fade away upon high heat
- One whole body of meter casing , no need to seal meter cover
- Option of power disconnect relay built-in



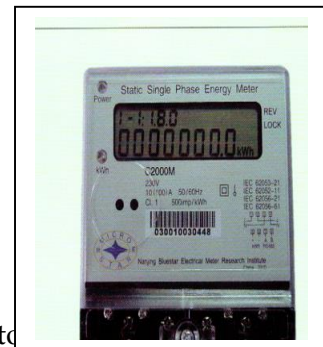
Single Phase Smart Meter (C2000)

- Very compact design and light weight
- Measurement of active energy kWh
- Time of Use (TOU) 4 tariff
- Data read by HHU via optical port
- Option of built in GPRS for remote reading & control
- Option of load disconnect relay
- Anti-Tampering by reverse units registration
- One whole body of meter casing, excellent water-proof



Single Phase Multifunction Meter (C1000M)

- Measurement of active electricity energy
- Time of Use (TOU) with flexible control up to 4 tariffs
- Maximum Demand Registration
- Internal real time clock and calendar with battery backup
- Data storage in large non-volatile memory
- Full AMR(Automated Meter Reading) compatible
- Load monitoring with instantaneous voltage , Current and power factor



Energy Remote Terminal Unit (ERTU-BS05)

- Highly reliable hardware & software design; Mono-Structure; Excellent performance
- Real-Time multi-task running mode based on real-time OS VxWorks
- Powerful data processing and communication; support transparent comm.
- Flexible user running mode; support multi-user tasks
- Adequate meter communication protocols; extensible on customer requirement
- Flexible meter physical interfaces
- Multi-protocols and simultaneously multi-central station communications
- Flexible communications, supports dial-up dedicated and LAN communication





- Perfect event registration functions
- Different user access level management; system security achieved by password protection
- Large screen LCD display; interchangeable English and Chinese operation interface
- Convenient and easy remote maintenance function
- Supper capacity data storage space; non-volatile data storage longer than 20 years
- A/C & D/C redundancy design; seamless interchangeable without interruption

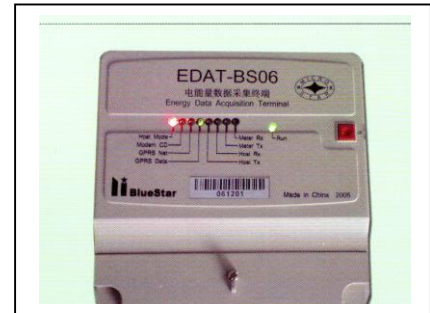
Hand Held Unit (PR-510)

- Portable, convenient and powerful
- Meter data reading & meter programming
- Large data storage memory
- Data file transmission & sharing with PC



Data Concentrator (EDAT-BS-06)

- Perfect for commercial sub-metering
- PSTN, GSM, Ethernet or RS-485
- Synchronize meter clock
- Compatible with other brands meter
- Instant Temper Alarm sent to mobile phone
- SMS (Short Message Service) configuration at real-time
- Data acquisition automatically or on demand at real-time
- Task data automatically send back to central station (Bluestar TMR)





شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

Trading & Manufacturing of Concrete Pole

PMW Concrete Industries Sdn. Bhd

PMW Concrete Industries Sdn. Bhd. is a registered Bumiputera Company with MOF, Tenaga National Berhad, Telekom Malaysia, Jabatan Kerja Raya, Keretapi Tanah Melayu Berhad, Sabah Electricity Sdn Bhd, Celcom Malaysia, Maxis Malaysia, Digi Malaysia. We specialized in Pre-stressed Spun Concrete Poles and Precast Concrete products with a wide range under one roof. With experienced in the field of concrete poles for 20 years we produce high performance, steel-reinforced concrete poles which are more durable and from production to selection to delivery, we put the right pieces into place to provide our customers with the best concrete pole products.

We consistently produce high quality products to international standard with reasonable cost to meet the changing demands of our customers as well as to harness the opportunities for future growth and expansion. Specialist of Concrete Products and the Preferred Choice Partner of our Customers

Western Energy Company Limited

WENCO is partner and exclusive agent for the purpose of TRADING, CONTRACTING & MANUFACTURING in Kingdom of Saudi Arabia.

WE SPECIALIZED IN

Manufacturing of pre-stressed spun concrete pole

- Concrete Pole Production (Design, Production and Supply)



EXPERIENCE

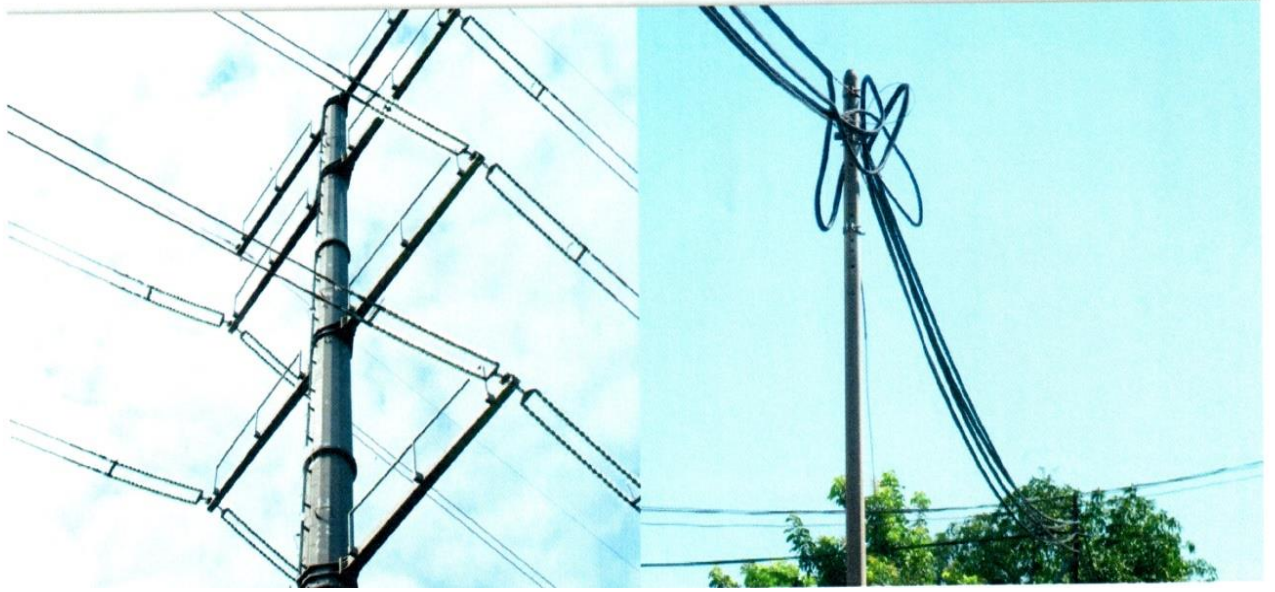
- Making 700 nos. of high quality concrete poles per day
- Produced 700,000 (and the number still growing) high quality concrete poles since established for.



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

<ul style="list-style-type: none">• TBN• KTM• Balfour Beatty• SESB• SEB• TM• Maxis• DiGi• Axiata• JKR	<ul style="list-style-type: none">• Malaysia Electricity Company• Malaysia Railway Company• Electrified Train System Provider• Sabah Electricity Company• Sarawak Electricity Company• Telecom Malaysia• Malaysia Telecommunication Company• Malaysia Telecommunication Company• Malaysia Telecommunication Company• Malaysia Public Works Department
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APPLICATION POWER SUPPLY



POWER TRANSMISSION

POWER DISTRIBUTION

LIGHTING



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)



STREET LIGHTING



COMPOUND LIGHTING

COMMUNICATION



MICROWAVE TRANSMISSION LAND LINE TELECOMMUNICATION



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

OTHERS



SURVEILLANCE



RAILWAY



OF PRODUCT

Serial No.	Description / Specification
1	Generators
2	Actuators & Valves
3	Industrial Fan, Exhaust System, Blower
4	HVAC System with Controls / Protection
5	All type of AC / DC Motors
6	Oil Treatment Plants & Systems
7	Oil Radiators for Transformers
8	Conveyor Belts, Conveying Systems, Vulcanizing Material & Presses
9	CCVT's / Potential / Current / Dist Transformer
10	Disconnect / Ground Switches
11	Cables upto 400kV XLPE including Cable Termination
12	Station Post Type Insulators
13	Surge Arrestors
14	DC Emergency Lighting
15	Agitators & Mixing Technology
16	Aluminium Busbars
17	Battery Bank, Mobile Battery Bank & Chargers
18	Low Voltage DC Equipment
19	Electrodes & Wear Resistant Plates
20	Bucket Elevators, Chain & Rubber Types
21	Heavy Bulk Loading Equipments / Cranes

Cable Management:

Cable Trays:

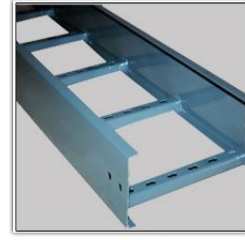
Cable trays are designed to meet most requirements Of cable and electrical wire installation. With highly quality materials, and cost effectiveness, WENCO cable trays meet local and international Standards of fabrication and finishing.





Cable Ladders:

Different side height cable ladder are available
Upon request, ex: 50mm, 75mm, 100mm and others.



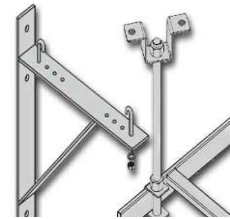
Cable Trunkings:

A comprehensive range of cable Trunkings and Accessories are offered. Mill galvanized, hot-dip Galvanized, and powder coated are various finishes Produced in our factories.



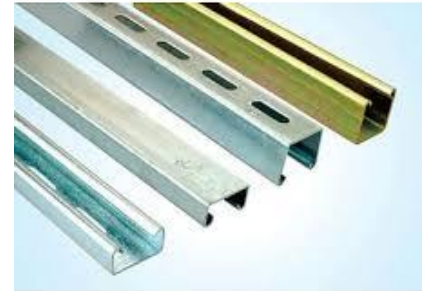
Cable Support:

Cable support system from WENCO is well Designed to provide necessary support for cable Trays, ladders and Trunkings.



UNI-CHANNEL SYSTEM:

WENCO metal framing system provides an Economical solution for electrical, mechanical And industrial supports with a wide Variety of Applications in the construction industry.



Strut sections:

41X41 and 21X41 mm.... 2&2.5 mm thickness

Applications:

- ❖ Pipe and conduit support
- ❖ Tunnel pipe stanchions
- ❖ Racks and shelving's
- ❖ Wall framing



PIPE CLAMPS & HANGERS:

Pipe hangers and clamps from WENCO used in theSupport of pipes and equipment's are manufactured According to highest standards of fabrication.

A diversified choice of:

- ❖ Pipe hangers
- ❖ Pipe clamps
- ❖ EMT straps
- ❖ Omega clamps
- ❖ J and U-Bolts and Threaded Accessories.

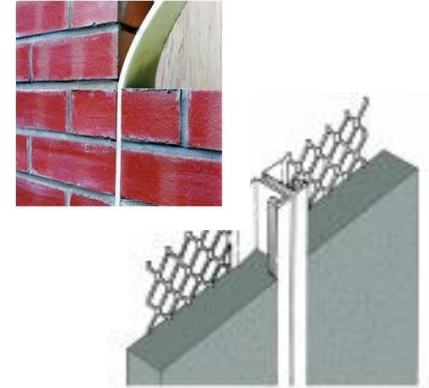




PLASTERERS 'BEADS, EXPANDED METAL & BLOCKS LADDER:

The use of plasterers 'Beads & expanded Metals help the formation of joints, protection of Corners and Resistance against cracks, chips and Impact damage

Block ladders are used for the reinforcement Of brick and block masonry.



Range Includes:

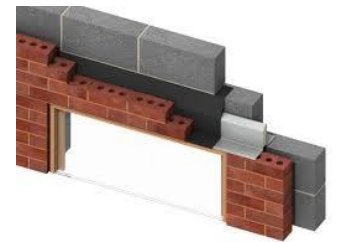
Corner Beads, Depth Gauge Beads, Plaster Stops, Architrave and Movement Beads.

Coil Lath, Corner Mesh Sheet Lath and Strip Mesh.

LINTEL & BLOCKS ACCESSORIES:

Steel lintels provide a combination of strength And light weight resulting in efficient load earing Performance and increased productivity on site. Easy to install and saves time and money.

A comprehensive range of block work Accessories are also fabricated by WENCO using quality raw material and conforming to established standards.



MARBLE AND GRANITE FIXINGS:

STANGLE Cladding Fixation:

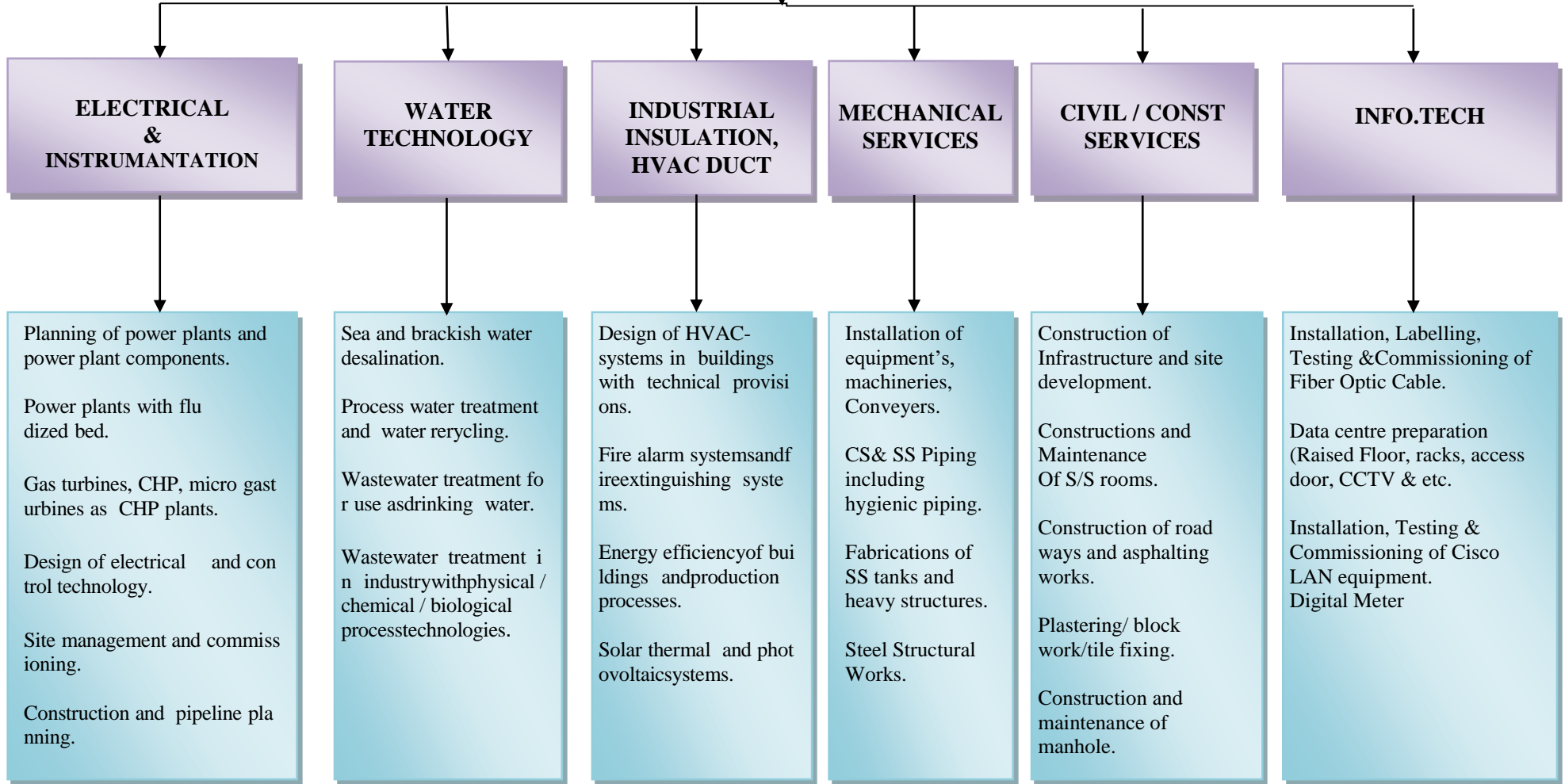
A comprehensive range of fixing Systems for Cladding. Our program Includes design, calculation, & Production Of several types of mechanical fixing & Accessories used for cladding, purpose. Stainless and galvanized steel are among thevarious materials used in the fabrication.



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OPERATING FIELD OF WENCO





شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

OUR SERVICES

1. ELECTRICAL & INSTRUMENTATION



The aim of Western Energy Company Ltd. (WENCO) Electrical Design area is to provide quality services and consultancy to clients to deliver efficient, safe and purpose specific electrical designs. We are able to provide accredited Project Management expertise and, through affiliation of its Design House and alliance companies' Underground and Overhead Reticulation areas, a "one stop shop" offering both electrical design and construction services. We offers accredited, professional Electrical Design services in the areas of: Residential, commercial and industrial estates, including Public Lighting Installations, Electrical Distribution and Sub Transmission Networks, Commercial and industrial installations such as shopping centers and industrial precincts. The aim of the company is to provide quality services and consultancy to clients to deliver efficient, safe and purpose specific electrical designs.

Design:

Design facility is provided as per Industrial codes and standards for activities required from bidding to final stage of the project.



1.1 INSTALLATION & PRE-COMMISSIONING:

Substations:

Installation of HV/MV/LV Transformers, Switch Gear, RMUs, Power Centers, Power Distribution network with Main and Sub Panels, Bus ducts, Cable Tray, Conduits, Power and Control Cabling, Termination of Cables to Equipment and Panels, Splicing of HV/MV/LV Cables.

WENCO has been involved in installation transformers from various manufacturers like ABB, BEST & Crompton Greaves. Recently our team has also successfully installed reactors from ABB. The photographic on this page give a glimpse of our installation works.

Our transformer erection team has worked on transformers up to 500 M.V.A & the testing team has conducted onsite routine testing on the biggest transformer (1200 M.V.A) in the Kingdom Of Saudi Arabia.

1.1.1 Site Installations:

- Erection, testing & commissioning of
- Power transformers, reactors & Switchgears...
- Complete testing of Sub-stations.
- Replacement of transformers.

1.1.2 General:

Electrification of Industrial and Commercial Complexes, Supply and Installation of Security Lighting Systems, Street/Road Lighting, , Buried and Aerial Cabling.

1.1.3 Technical services:

The Technical Services team develops and provides technically advanced services to owners and operators of electrical distribution networks worldwide.

1.1.4 Cable Consultancy:

Provides comprehensive technical support and consultancy on underground cable networks operating across the voltage ranges

1.1.5 Switchgear:

Provide accurate assessment provide accurate assessment of switchgear condition using expert knowledge.



1.1.6 Transformers:

Provide accurate assessment on transformer's condition using expert knowledge such as:

- Condition assessment of transformers.
- Condition monitoring of transformers.
- Thermal assessment of transformers.

1.1.7 Online & off-line treatment of transformer oil:

- Online/offline transformer oil degasification.
- Online/offline transformer oil regeneration.
- Replacement of transformer oil.

1.1.8 Lightning Audits:

Valuable process time could be lost by damage to electrical plant; a lightning audit of an installation will determine whether the most appropriate protection is currently installed.

- Earthing Audits
- Analytical Services
- Equipment and materials testing
- Technical Documentation
- Conditions based risk

1.1.9 Field Engineering Services:

True to the corporate philosophy of Western Energy Company Ltd., Comprehensive maintenance services. The scope of maintenance services includes:

- On-site Supervision
- New Installations and Commercial Renovations
- Back up and emergency power solutions
- Equipment failure support
- Consumables top up/ replacements
- Periodic cleaning
- Preventive maintenance
- Mass outlived components/subsystems
- Extend break-down service
- Updating of operational parameters



1.1.10 Design, Supply & Installation of following panels:

- PLC panels for any kind of automation projects.
- Control and Relay Panels for Substation Projects.
- SOE panels
- Interface Cabinets
- SCADA interface Panels
- Annunciator Panels
- Network Cabinets
- Server/Storage Racks
- Junction Boxes
- LV Panel Boards etc...

1.2. SUBSTATION MAINTANENCE

- PROTECTIVE REALYS
- CT/PT POWER TRANSFORMER
- ISOLATOR
- LIGHTNING ARRESTOR
- RELAYS AND
- CONTROL PANEL OF ALL MAKES
-

1.2.1. Protective relay testing:

Servicing, Testing & Calibration of Protective Relays i.e., current relays, voltage relays, power relays, generator relays, etc. (All of various makes – Areva, ABB, Siemens, EasunReyrolle, GE-Multilink, SEGC, etc.) by Secondary injection method. They shall be checked for their various characteristics as per manufacturer recommendation. Repairing of relays shall also be done.

We are specialized in testing of Protective Relays of various makes i.e., ABB, Siemens, Areva, Reyrolle, GE-Multilink, SEGC, etc. These relays shall be electromagnetic, Numerical or Microprocessor based. Various Protection schemes shall be checked for their sensitivity and stability.

1.2.2. System study & relay co-ordination:



We shall carry out total System study with calculation of fault level, preparation of SLD, short circuit calculation & relay setting as per system requirement. We shall be using ETAP



software for the complete study.

1.3. TESTING & COMMISSIONING:

Testing & pre-commissioning checks of outdoor switchyard equipment i.e., Isolators, Current Transformers, Potential Transformers, Breakers, Power & Distribution Transformers, Relay Control Panels, Earthing installations, etc. Indoor equipment i.e., HT & LT switchgears, CT, PT, Relay Control Panels, PCC, MCC, Cables, Bus ducts, etc. all shall be tested as per latest standards.

1.3.1 Testing of transformers, switch gears & relays:

- Transformer routine tests, DFRA, FRA, Partial Discharge & thermal imaging etc.
- Testing of electro-mechanical relays & numeric relays (Siemens, ABB, Areva, GE etc.)
- DGA oil analysis for transformer oil, DP value calculations.
 - Measurement of insulation resistance and PI.
 - Turns ratio test on all taps.
 - Magnetizing current.
 - Winding DC resistance measurements.
 - Winding and oil thermometer calibration.
 - Buchholz relay functional test.
 - Complete oil analysis for BDV, color, moisture, acidity, and Dissolved
 - Gas analysis.



Testing Equipment's:

- Tan Delta Tester (CPC100 & CPTD1 Omicron's).
- Response (Omicron).
- diagnostic Megger).
- water PPM (USA).
- AVO (10 KV).
- Turn to Micro-
- AVO Oil Dielectric Testers 100/80 KV.
- Three Phase Variable Supply Transformer.
- Potential Transformer 50 KV (Mobile Type).
- Double Frequency Generator 25 KW.
- Secondary relay tester.
- Hot Stick 5.5 KV -36 KV phase to phase testers.
- Universal bridge.
- Megger 120 KV DC high pot tester.



Frequency Analyzer

Insulation analyzer (IDAX)

Transformer oil meter (PALL)

Megger (5KV and

Turn Ratio Meter. ohms Meter.

1.4. CABLE LAYING:

Cable drum should be visually inspected for damage, which may have occurred during transport. The manufacturer's seal on the inner and outer cable ends should be examined and the condition of armoring, serving and sheath inspected for mechanical damage,



corrosion and leakage of impregnating oil. If the cable is found defective it shall not be installed and the cable shall be returned to the supplier for replacement.

The drum should be mounted on jacks, cable trailer or cable stands such that the cable is preferably pulled from the top and always in the direction opposite to that indicated by the arrow. Lighter cables may be laid by mounting the cable drum on its side on a truck-mounted turntable and laying the cable directly into the trench. When pulling from large drums, i.e. over 2m in diameter, the cable should be supported to prevent stressing the cable, from the drum to the trench on a suitable ramp.

During pulling there is a tendency for cable slack to accumulate on the drum, slack shall be avoided and one possible method to achieve this is to limit drum rotation by using plank brake shoes against one or both flanges of the drum. If the inner end of the cable on the drum, referred to as the "end, protrudes through the side of the drum, then it should be watched during pulling to ensure it is not damaged. It is advisable to tie a ropeto the Z end, and pull through any slack cable that appears. Pulling through Z end prevents buckling and possible damage to the inner coils on the drum.

1.4.1 Protection of Cables from Damage:

Cables being drawn into place shall be kept clear of abrasive surfaces by suitable means, e.g. rollers, cable tiles, etc., to prevent any damage to the cable sheath. The cable must be placed in the trench without sustaining abrasion damage, and without allowing rocks etc., to fall into the trench.

When laying cable by directional drilling, it is essential the cable is not dragged over ground outside the drill hole or prepared trench, since abrasion is likely to damage the outer jacket and cause sheath faults.

1.4.2 Cable Pulling Tensions

The tensions of the pull shall not exceed that specified by the manufacturers for the particular type and size of cable being pulled and shall be smoothly and continuously applied. When stocking grips are used to install un-armored cables, the maximum recommended pulling tensions are given below.

1.4.3 Cable bending Radius

The permissible bending radii of all cables are given below.
No twists, knots or kinks are permitted.
The bending radii are given below.

1.5. CABLE TERMINATIONS



1.5.1 Cable make-off

Cables with braid armor shall have outer heat shrink sleeve which is fitted over the complete cable make-off. Instrument and telecommunication cables with both braid armor and screen shall have inner and outer heat shrink sleeves:

- The inner sleeve shall be drawn over the inner bedding, i.e. passed under the



- braiding providing insulation between braiding and screen.
- The outer sleeve shall be fitted over the complete cable make-off.
- The inner sleeve may be excluded at termination's providing a minimum of 50mm inner bedding.
- To minimize the extent of hot work, sleeves of type self-vulcanizing-tape may be used on units in operation.

1.5.2 Termination:

All cable conductors shall be terminated by use of compression lugs dependent upon the type of termination.

The braid armor and the screen shall be separated from the conductors, twisted and fitted as required. This shall be done without any reduction of the cross sectional area. Where the screen shall be left disconnected (applicable for field instrument), it shall be sealed and isolated with an isolating cap which allows for insulation testing without any disconnecting.

1.5.3 Spare conductors:

Spare conductors shall be left sealed on the field side. In cabinets all spare conductors shall be marked with terminal number and connected to terminals linked together by solid terminal links, which shall be connected to the relevant earth bar.

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WATER TECHNOLOGY:

2.1 Water treatment:

- Groundwater treatment for use as process or cooling water
- Drinking water treatment with physico-chemical process engineering
- Seawater desalination plants with membrane technology
- Feed water generation and condensate polishing
- Ultra-pure water technology
- Water recycling for recovery of process water
- Waste water treatment
- Physico-chemical process engineering such as flocculation/
- Precipitation, wet chemical oxidation
- Biological treatment of industrial wastewater treatment with multiple Process steps
- Sludge dewatering and drying

Microfiltration of a mono-ethyl-glycol Mixture of a gas liquefaction plant

Capacity/output 25m³/h with 3 ,main filtration trains' und 2 ,concentration filtration trains'
Process engineering (preparation of PFD's, MSD's, P&I diagrams, Functional descriptions),
detail

Engineering, procurement, compilation of documentation, layout planning, Site supervision,
commissioning Building of a wastewater treatment with Sand filters, molybdenum-ion
exchanger, Heavy-metal ion exchanger, acidification And neutralization Chemical supply

- Project management
- Basic and detail engineering
- Implementation planning
- Procurement
- Erection supervision, commissioning
Custody transfer
- Documentation with as-built-schemes

Waste water treatment of a new brewery with 3-stage technique for the direct
discharge, sludge dewatering treatment. 3.500 m³/d, org. freight: 10.500 kg/d Preliminary,
implementation planning, construction management, commissioning



2.2 WATER MANAGEMENT FROM A SINGLE SOURCE:

The WENCO Water Management offers our customers all the services for providing smooth water supply and drainage. High-end plant engineering, qualified know-how and more than 270 WENCO specialists are available at any time. Upon a joint process analysis we combine our service modules to fit your special purpose. The WENCO Water Management decreases your expenses, saves your investment budget, guarantees the quality of your products, optimizes your processes, reduces your risks and raises your efficiency.

2.2.1 Plant Controlling:

Our controlling guarantees the fulfillment of your quality requirements, the adherence to all statutory restraints and the Transparency of all expenses. You too can benefit from WENCO Know-how in process technology and the Continuous improvement of your processes.

2.2.2 Management systems:

We operate your plant efficiently and at Low cost. You can focus exclusively on Your production. We provide you with all Necessary process media - 24 hours a Day and 7 days a week.



2.2.3 Process Analysis:

At the starting point of any cooperation there is an analysis and a concept elaboration. In coordination with you, we examine material flows, optimize your process technology and find savings and optimization potentials.



2.2.4 Laboratory/Piloting:

We leave nothing to chance. Through laboratory and pilot testing's, we guarantee

The highest planning security. The Enviro Chemie

Laboratories and sophisticated

Pilot plants are at our disposal for tests, so that plants meeting your needs can be design.



2.2.5 Testing:

Regular servicing and the use of original

Spare parts guarantee maximum plant

Safety and service life Trained personnel

Monitor your plant non-stop, remotely or on site.



2.3.PLANT ENGINEERING AND SERVICE FOR PROCESS AND WASTEWATER:

WENCO is renowned for its broad product range and requirements-oriented applications. Often, engineering processes have to be combined in order to achieve effective results. In cooperation with our subsidiaries, WENCO FALK and WENCO



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DTS,
we are
also

able to supply equipment for process water treatment and wastewater sterilization or
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INDUSTRIAL INSULATION, HVAC DUCTING:



We are specialized in providing Industrial support services and one of the leading service providers to meet the continuous complex demands of Industrial Insulation & Painting and Blasting sector. WENCO draws its strength from its employees experience, expertise and management of top rated professionals having vast experience in the field.

Insulating Pipes (Hot & Cold), Boilers, Tanks, Vessels, HVAC Ductwork, Chillers and Process/ Mechanical Equipment's of all types.

3.1 Pipe Installations:

Whether you need to insulate for:

Energy Conservation, Preventing Condensation, Burn Injury Protection, Proper Process / System Performance, Sound Reduction Or any other reason, we can do it right for you.

3.1.1 We use the right insulators for the required application, be it:

Fiberglass, Mineral Wool, Elastomeric Rubber, Calcium Silicate, Rigid Foam, Cellular Glass,



Polyurethane and others. Then jacket it to what best fits your needs and budget:

We insulate everything that goes with your piping as well, such as the pumps, valves, and specialties. We can make the Insulations removable / re-usable as per your requirement. We can educate you as to what is needed for your application, so you can decide for yourself what anyone else is quoting you.

3.2 Cladding Services:

3.2.1 Workshop:

We have a comprehensive sheet metal workshop which gives an advantage so that we are Able to manufacture bespoke cladding, items ranging from small intricate fittings to large vessels, dome Ends, square to round fittings etc...

We can transport our metal shop to site in specific cases which allows the continuity of the Metal being manufactured and fitted at the same time.

3.2.2 Insulations for Tanks, Ductwork, Process / Mechanical Equipment:

We insulate all types of mechanical equipment, interior and exterior, to your needs. This is all we do. And we do it as it should be done, RIGHT THE FIRST TIME.

Some of the items we regularly insulate include: Tanks & Kettles, Indoor and Outdoor Ductwork, Boilers & Breechings, Fume Incinerators & Pollution Control Equipment, Electrostatic Reciprocators, Ovens & Furnaces, Mixers, Heat Exchangers, Chillers and essentially anything mechanical in nature.

We utilize essentially every insulating material available to provide you with the best possible insulations to your needs.

3.2.3 Indoor/Outdoor Insulations:

Above Ground or Underground, at ground level or suspended 50+ feet in the air Basement or Rooftop



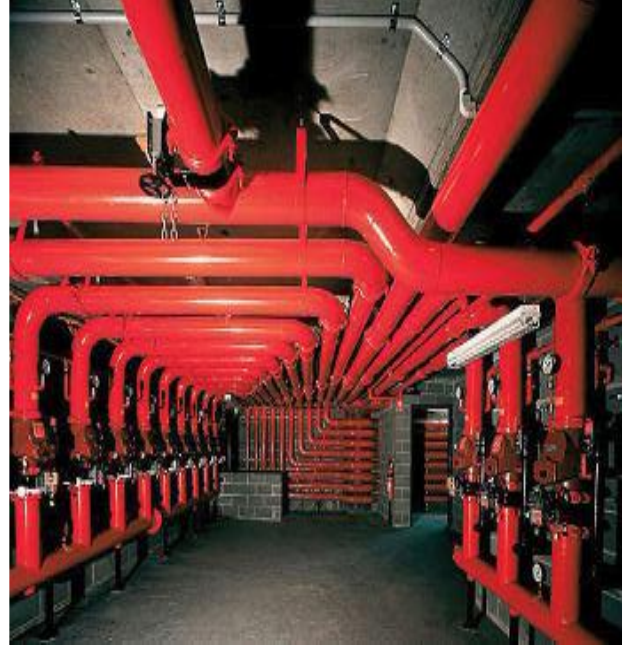
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WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)





4. MECHANICAL SERVICES:



4.1. MECHANICAL WORKS ARE NOT LIMITED TO:

- Process Piping
- Fire Water System including Hydrants, Valves, Sprinkler
- Cooling Tower and Chilled Water System
- Pipe Cladding and Insulations
- Pipe Coating
- HAVC System including Duct Fabrication and Installation
- 1. Installation of Equipment's, Machineries, Conveyers etc..
- 2. CS & SS Piping including Hygienic Piping.
- 3. HVAC, Ducting and Chilled Water Systems
- 4. Cold Rooms and Freezers,
- 5. Fire Fighting and Alarm Systems.
- 6. Insulation and Cladding jobs
- 7. Sandblasting and Painting of Industrial Pipe Spools & Equipment's, Tanks, Vessels.
- 8. Fabrication of SS Tanks and Heavy Structures
- 9. Heat Exchangers
- 10. Steel Structural Works.
- 11. Hand Rails/Ladders

CIVIL



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CONSTRUCTION/CIVIL



SECVICES:-

- **Construction:-**
(Buildings:- Residential, Commercial, Educational, Medical, Government Office and Mosque etc.)
- **Maintenance:-**
(Buildings:-Residential, Commercial, Educational, Medical, Government Office and Mosque.)
- Pre-Cast Concrete, Structural Steel Building and Pre-Engineered Building
- Warehouses, Timber Structures
- Building finishes, Waterproofing, Carpeting, Paintings, Decorations.
- Furniture and Building Furnishing, Building Plumbing and Accessories
- Building Electrical and Fire Protection System
- Building HVAC Fabrication, Installation and Commissioning.
- Site and Infrastructure development.
- Excavation in all kind of soil.
- Demolition and site clearance.
- Design, Engineering, Project Management and consultation.
- Estimation, Project Schedule and Planning.



Preconstruction

WENCO has a "supercharged" approach to the preconstruction process. We believe the best projects start with detailed planning period. Our preconstruction services include cost estimating, scheduling, and scope of work development, budget preparation and value engineering. But we go beyond the basics and relentlessly scrutinize the plans and specifications to find extra value for our clients - we build more than buildings - we build relationships!

Project Management

SINGLE POINT OF ACCOUNTABILITY

WENCO's single source approach gives you one firm with total responsibility for coordination, quality, construction and scheduling which allows you to focus on your business rather than spending time coordinating multiple firms to complete your project. Your WENCO project management team will handle everything involved with your construction project from concept to completion.

CONSTRUCTION MANAGEMENT AT RISK

For Owners who are the most interested in early cost savings options, construction quality and maintenance of the project schedule, the Construction Management delivery method is often the best option. When working as your Construction Manager, WENCO ensures that the design professionals, the Owner and its own project team, work as a cohesive group with wide open lines of communication. When operating under this building delivery method, WENCO provides its clients with absolute transparency of all project costs which allows the Owner to enjoy the peace of mind that its money is being spent wisely.

When you call WENCO, you are not talking to a satellite office of a national or international company, but to a true locally owned and operated business. Since founding WENCO, Fahad K AL-Hajri has insisted on the highest quality standards and he personally stands behind everything we do. That commitment, combined with talented staff and application of the latest technologies consistently producing outstanding projects.



Design / Build

GENERAL CONTRACTING - DESIGN AND BUILD

For clients who prefer a single point of contact for all phases of their Project, including planning, architecture, engineering, construction and commissioning, WENCO offers a design-build delivery method. Under this approach, WENCO is the single point of responsibility for both the design and construction of the project. Rather than having to separately select and enter into separate contracts with engineers, architects and construction companies, this approach gives clients everything they need to realize their vision, all under one roof. It's that simple.

From project inception through owner occupancy, the WENCO Inc. design-build team offers its clients a smooth and efficient process. Our goal is simple: We want to help our clients get what they want at a price they can afford without hassle or worry. That means providing detailed, timely and accurate cost estimates and options for potential savings. But it also means keeping our clients, and teammates, informed and tailoring our processes to the needs of our client. WENCO is a full service, team-build general contractor. We are the one source solution for your building needs!

Tenant Improvements

BUILDING SERVICES

An interior space requires a special skill set that not all construction companies possess, especially when working in occupied buildings. Issues such as security, safety, air quality, delivery logistics and even debris management all come into play when working in an occupied building. The more complicated your project is, the more we shine. WENCO possesses the know-how to keep a jobsite clean, safe, and secure.



WENCO Inc. has extensive familiarity with office build-outs, retail spaces, occupied school campuses and health care/hospital facilities, and even country club renovations. We understand how important it is to our clients to maintain on-going operations while tenant improvements are being built. We do whatever it takes to make sure there are NO disruptions to building occupants. If you think a tenant improvement project can't be done without disorder and disturbance, we encourage you to call our clients who will attest to our virtual "invisibility" while the job is being done.

Concrete Sidewalks, Curbs, Exterior Items & Buildings:

Field control tests for ready-mixed concrete as prescribed by ASTM Standards should be performed by the independent testing laboratory, and test results submitted promptly to the consultant's supervision team. Test data should include slump, air content and the curb strength. Substandard results will be flagged and reported promptly so that corrective measures can be undertaken immediately. Mill test reports for cement and reinforcing steel should be submitted with the specifications, and proposed methods of curing should be submitted requirements

Asphalt Pavement:

Sampling and Testing of precise Asphalt will be forwarded for approval to ensure that the materials meet the specification requirements. Approved methods of compaction and leveling will be proceeding for approval. Testing will be frequently made on different areas to make sure the required thickness and compaction is achieved. 20cm base course and 7cm Asphalt Pavement will be used in general.

Building Frame Design:

The lightness of framing, chambers concrete frame and compensation for creep in pre-cast or structural steel application, field welding requirements, fireproofing, corrosion inheritor, etc.

Exterior Wall:

Selection of materials details for easy replacement of components, accessibility to joint sand other elements, maintenance and cleaning of components during and after construction. In practice, no exterior wall is watertight, and particular attention must be devoted to avoid trapped moisture or water.

Bituminous Course for Roads & Parking Areas:

Selection suitable aggregate should be made after conducting tests on samples to ensure that the materials meet the specification requirements. Sampling and testing of bituminous materials meet the required Specifications. Sampling and testing of bituminous materials and mixtures should be performed, if required, to ensure conformance to density, thickness, and bitumen content and gradation requirements



Gypsum Board Ceiling:

Manufacturer's certificates of compliance should be submitted for approval. Sample of proposed system and design along with the fixing methods will be forwarded.

Painting

The test reports of materials proposed should be submitted prior to approval. Except where samples are pre-tested at the source, approvals should be based on tests samples to assure quality. Methods and rates of application and storage of paint should be in strict accordance with the manufacturer's instructions.





INFORMATION TECHNOLOGY:



WESTERN ENERGY is an IT global company providing IT Infrastructure, Software Application, Training and Consultancy Services in diverse business areas for multiple sectors and industry lines. We have consistently provided high-quality solutions in a cost-effective manner and on time, to a discerning clientele worldwide.

WESTERN ENERGY team equipped with creative resources, practical experience, modern tools and solutions. The development teams are led by experienced project managers that use project management & control systems to ensure high quality solutions and timely delivery of projects.

WESTERN ENERGY offers a number of integrated and user-friendly solutions that meet the growing needs of today's enterprises. These include multiple solutions, as well as an advanced systems in the following fields:

- Information & Telecommunication Technology
- eLearning & procurement
- IT Infrastructure, Network & Hardware Solutions
- Customized Educational Services and Training

WESTERN ENERGY covers all aspects of project planning as a constant on-going development of your total strategy in the IT infrastructure from consideration of the set project aims and project implementation to installation and project controlling.

WESTERN ENERGY offers you services in the conception, planning, and designing of LANs, WANs, and corporate networks based on modern technologies to create the basis for the forward looking orientation



6.1 WESTERN ENERGY COVERS THE FOLLOWINGS FILED OF THE IT INFRASTRUCTURE:

- Networking & Communication
- Fibre & Cabling Systems
- Data Centres
- Hardware Solutions
- Security Systems
- IP Telephony and TDM Systems

6.2 SAP CUSTOMIZED TRAINING SERVICES:

WESTERN ENERGY is one of the leading providers of consultancy solutions and training services in the field of IT in diverse business areas such as SAP, Oracle, Microsoft, Cisco, SUN and many others.

WESTERN ENERGY have consistently provided high-quality Training and consulting Services for software and Hardware solutions to bring our customer to work efficiently with new systems, customer-specific applications and modern office environments.

SAP services include all SAP Customized equal to courses provided by SAP worldwide Training Centres. In addition, WESTERN ENERGY provides Training Needs Analysis (TNA), and training consulting services include development individual training roadmaps “Training curricula” for each SAP business area.

WESTERN ENERGY is operating in many countries with highly equipped Labs. WESTERN ENERGY offers the right learning environment for corporate learners. WESTERN ENERGY ensures the technical faculty team is trained and certified to the highest level. The training quality is enhanced by offering Authorized Courseware and use of recommended Training Aids. WESTERN ENERGY has delivered large number of corporate Training for big companies like Saudi Aramco.

6.3 TRAINING SERVICES:

Outside and Onsite Training: WESTERN ENERGY is available to deliver training onsite at customer premises and on customer owned equipment or outside in different places and countries like Saudi Arabia, Bahrain, Dubai, UK, Germany and India.

Training Needs Analysis (TNA) for Organizations: WESTERN ENERGY conduct training that cover customer needed to ensure that the right training modules are proposed.

6.3.1 Training Services of WESTERN ENERGY with co-operation with our partners worldwide are:

- Vendor and core technology training
 - SAP
- Technology solutions training
- Business applications training
- Business systems analysis and design training
- Project and programme management training



- ITIL and IT service management training
- Management and personal development training

7. FIBER OPTICS:

7.1 FIBER OPTICS SPLICING:



7.1 7.1.1. General:

Materials shall be in accordance with.

7.1.2 Splice Assembly:

Fiber optic cables shall be prepared for splicing in accordance with the procedures established in.

1. Prior to splicing, the fiber shall be examined to ensure there is no contamination, blockage of the internal fiber channel, unacceptable conditions as shown in Appendix A, as applicable or other nonconformance's with specific requirements of the engineering Documentation.
2. Splices shall be performed using the appropriate method shown below, or as specified in the engineering documentation.

a. Fusion Splicing.

Fusion splicing of fiber optics shall be performed in accordance With engineering documentation using equipment that meets the criteria established in Chapter 6 of this Standard. Completed fusion splices shall be able to withstand a minimum. Newton (1pound) pull test, or as specified in the engineering documentation.



b. **Mechanical Splicing.**

Mechanical splicing shall not be used for spaceflight operations. Mechanical splicing of fiber optics shall be performed in accordance with engineering documentation using equipment and material established in Chapter 6 of this Standard.

c. **Chemical Splicing.**

Chemical splicing shall only be used for temporary joining of fiber optics (i.e., testing).

3. Completed splices shall meet the following minimum requirements:

a. **Location.**

Splices shall not be located in flexure areas of the cable except when a splice is recoated and rejected in accordance with the manufacturer's original specifications.

b. **Protection.**

Splices shall be protected. If a splice enclosure cannot be used for a specific application, engineering documentation shall provide for other means of protection.

c. **Strength Member.**

Strength members shall be secured to splice enclosures, or other means of protection, to prevent mechanical stress on the optical fiber.

4. Splices shall be verified. Optical Time Domain Reflectometry (OTDR), as well as other appropriate test procedures from Appendix B, should be used after the completion of the splicing operation to ensure that loss characteristics are consistent with the loss allowances established by design and operation engineering documentation. Records of testing shall be maintained with the assembly/subassembly documentation. Appendix B provides a list of available test and verification documents.

7.1.3 Design Considerations:

1. The splices should be of the construction, weight, and physical dimensions specified by engineering documentation.
2. Design should provide tensile strength continuity between spliced cables without application of the cable tensile load to the splice junction.



3. Design should provide cable stress relief and environmental sealing between the cables and splice to prevent the entry of external contaminants. the stress relief should provide protection from both cable tensile forces and cable axial compressive forces.
4. Design should meet the requirements for optical, mechanical, and environmental performance as specified by engineering requirements. For further information, refer to the documents listed in paragraph 2.1 and Appendix B.
5. All splice parts of the same type should be physically and functionally interchangeable without the need for modification of such items or of the splicing equipment.
6. When dissimilar metals are used in contact with each other, protection against electrolysis and corrosion should be provided. Metal spraying or metal plating of dissimilar base metals to provide similar or suitable abutting surfaces is permitted.
7. Seals should provide isolation from humidity and/or contamination for splice interior parts.
8. Staking should be defined in engineering documentation.
9. The use of splice trays is recommended for multiple splices.
10. Minimum fiber bend radii should be defined in engineering documentation.





7.2 FIBER OPTIC CABLE ASSEMBLIES:

7.2.1 General:

A fiber optic cable assembly consists of a prepared fiber optic cable, connector, and associated Hardware. Materials used in this assembly shall be in accordance with 6.8.

7.2.2 Cable Assembly:

1. Fiber optic cables shall be prepared for connector assembly in accordance with the procedures established in Chapter 7 of this Standard.
2. Fiber optic cables shall be identified in such a way to distinguish these cables from wire or coaxial cables.
3. Cable connectors shall be permanently marked with mating connector designation within 15cm (6 in) of connector body, or as stated in the engineering documentation.
4. As a minimum, prior to assembly, prepared fiber optic cables shall be subject to documents in-process peer verification for the following:
 - a. Correct cable stripping dimensions.
 - b. Strength member damage.
 - c. Cracks, nicks, cuts, or other damage in the termination area to all cable Components, including the optical fiber.
 - d. Chemical strip wicking or damage.
 - e. Cleanliness as per Chapter 8.
5. Prior to assembly, prepared fiber optic connector parts shall be examined for the following:
 - a. Blockage in the internal fiber channel. The prepared fiber shall not be used to check for blockage.
 - b. Cleanliness as per Chapter 8.
 - c. Cracks or deformities on the connector ferrule.
6. Prior to assembly, verification of other requirements (e.g., heat shrinkable sleeving Dimensions or crimp sleeve requirements) shall be in accordance with engineering documentation.
7. Completed cable assemblies shall be inspected for the following:
 - a. Strength member, when visible, is uniformly distributed and securely attached to the connector.
 - b. Heat shrinkable sleeving and/or crimp sleeve positioned properly.
 - c. Connector end face geometry compliant with engineering documentation.



- d. Connector ferrule length compliant with engineering documentation.
- e. Connector end face requirements in accordance with Appendix A or the Engineering documentation.
- f. Proper positioning and attachment of the strain relief device per the engineering documentation.
- g. Cleanliness as per Chapter 8.
- h. Cable axial alignment with the connector within 5cm (2 inches) of the termination or per the engineering documentation.
- i. Freedom from nicks exposing underlying elements.
- j. Freedom from kinks or twists.
- k. Cable designation marking.
8. If cracks in a flight fiber optic cable end face are found, the cable shall be re-terminated or scrapped. Re-polishing to fix cracks in flight hardware is prohibited.

7.2.3 Post Assembly Testing:

1. All completed flight cable assemblies shall be tested to ensure that measured optical performance (e.g., insertion loss or return loss) meets or exceeds the performance requirements in the engineering documentation. Records of testing shall be maintained with the assembly or sub-assembly documentation. Appendix B provides a list of available test and verification Documents.
2. Upon completion of the test(s) required in paragraph 10.3.1, the flight cable assemblies shall be subjected to workmanship temperature cycling or preconditioning as identified in the engineering documentation.
3. Retest the cable assembly per paragraph 10.3.1 and, in addition, examine for the following:



- a. Cracks in fiber end face using normal and back lighting. The fiber optic cable assembly shall be back-lit using a non-coherent, low intensity light source from the opposite end of the cable, without touching the fiber as part of the examination.
- b. Postponing of the fiber in connector.
- c. Cracks in epoxy bond line at the end face.
- d. Shrinkage of the outer jacket. Other cable components shall also be evaluated for shrinkage. An unacceptable amount of shrinkage after temperature cycling shall be defined by an excessive optical loss value as specified in the engineering documentation.

7.2.4 Design Considerations:

1. The connector should be of the construction, weight, and physical dimensions Specified by engineering requirements.
2. Design should provide cable stress relief and environmental sealing between the cables and connector to prevent the entry of external contaminants. The stress relief and connector/cable attachment method should provide protection from both cable tensile forces, and cable axial compressive forces.
3. Design should meet the requirements for optical, mechanical, and environmental performance as specified by engineering requirements.
4. All connector parts of the same type should be physically and functionally Interchangeable without the need for modification of such items or of the termination equipment. A complete mated connector design should be comprised only of parts from the same manufacturer to prevent connector intimate ability problems.
5. When dissimilar metals are used in contact with each other, protection against Electrolysis and corrosion should be provided. Metal spraying or metal plating of dissimilar base metals to provide similar or suitable abutting surfaces is permitted.



6. Seals should provide isolation from humidity and/or contamination for connector Interior parts.
7. The maximum allowable connector coupling loss should be specified in the engineering documentation.
8. The connector mate durability should be addressed in the engineering documentation.
9. Staking and torque values should be defined in the engineering documentation.
10. Minimum cable bend radii should be defined in the engineering documentation.
11. For inspection purposes, clear heat shrinkable sleeving is recommended.

IG & JECTS



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WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

CONTRACT NO	CONTRACT TITLE	LOCATION	CLIENT	START DATE	STATUS	WORK			
						ELECT	MECH (W/T & HVAC)	CIVIL	ICT
44030	LV & MV Cable Termination with dressing, Termination lug and cable glanding.	Yambu	NCC/SEC	15-09-2016	ONGOING				
44029	Conversion to Combined Cycle Project, LV/Control/Signal Cable Gladding & Termination Work	Al-Qassim	NCC/SEC	08-09-2016	ONGOING				
660003303	Supply & installation of materials for fiber optic cable for IED-PSA (Switches) Communication	Abu Ali Project	Al-Taoukhi (Aramco)	24-08-2016	ONGOING				
WE/D/P/0185	Complete Construction Work Of Private Villa	Al-Dahran (Doha)	Private Villa	01-06-2016	ONGOING				
E&I-52929	LV & MV Cable Termination and Cable Splicing	ABQAIQ-0115	Sendan International (Aramco)	25-05-2016	ONGOING				
DB-HO/01027	Supply & Installation of Transformer of 1000KVA & MV Cable Termination and Construction of Foundation for the Same	Dana Bay Resort (Half Moon)	Dana Bay Tourism Company	01-02-2016	ONGOING				
GG/PO/2016/026E	LV & MV Cable Termination and Cable Splicing	Ras Al-Mishab	Gulf Group SEC	19-01-2016	ONGOING				
5010/2015	MV Cable Termination and Cable Splicing	Cristal Plant Jizan	FMA Global Co. (Aramco)	17-12-2015	COMPLETED				



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة

WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

GG/PO/2015/132	MV Cable Termination and Cable Joint.	Ras Al-Mishab	Gulf Group/ SEC	05-11-2015	COMPLETED				
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CONTRACT NO	CONTRACT TITLE	LOCATION	CLIENT	START DATE	STATUS	WORK			
						ELECT	MECH (W/T & HVAC)	CIVIL	ICT
F-PUR-02	Splicing of HV cable	Al- Juabil	Petrol Steel Co (Aramco)	15-09-2015	COMPLETED				
DB-HO/00810	Supply & Installation of Transformer of 2000kva & 750kva & Termination & Construction of Foundation for the Same	Dana Bay Resort (Half Moon)	Dana Bay Tourism Company	24-08-2015	COMPLETED				
DB-HO/01125	BDV Test for Transformer oil and transformer maintenance & repair HV bushing and rectify oil.	Dana Bay Resort (Half Moon)	Dana Bay Tourism Company	17-05-2015	COMPLETED				
86/2015	MV & LV Cable termination & Splicing	Al- Juabil	IPMS/Aramco	15-04-2015	COMPLETED				
84/2015	MV & LV Cable termination & Splicing	Al- Juabil	IPMS/ Aramco	28-02-2015	COMPLETED				
SEN/SA/79/15	MV Cable termination work for transformer & switchgear and Cable Glanding Work.	Sadara Tekfen Project	Sendan International (Sadara/ Aramco)	22-02-2015	COMPLETED				
GG/ELE/047/2015	LV & MV Cable Termination and Cable Splicing & HI-POT Test	Ras Al-Mishab	Gulf Group/ SEC	13-01-2015	COMPLETED				



CONTRACT NO	CONTRACT TITLE	LOCATION	CLIENT	START DATE	STATUS	WORK			
						ELECT	MECH (W/T &HVAC)	CIVIL	ICT
WE/K/P/0170	Complete Construction Work Private of Villa	Al-Khobar	Private Villa	25-09-2014	COMPLETED				
GG/ELE/021/2014	LV & MV Cable Termination and Cable Splicing	KAAB Dhahran	Gulf Group/MOD	05-06-2014	COMPLETED				
EN/U/P/0184	Supply & Installation of 15 KV Transformer and Testing and Commissioning of MV Cable 3X300 Cu/XLP/PV/STA.	RAS AI-GAR	ENSY	26-03-2014	COMPLETED				
PO-SK/0734/05/18	Testing and commissioning of fiber optics.(Tracing , Cleaning , Labeling and re-termination)	Al- Jubail	PETROL STEEL CO. LTD. (Aramco)	28-02-2014	COMPLETED				
P-KPF/01813	Supply & Installation of firefighting Suppression system with fire alarm system.	Khursaniyah Producing Facilities	CCC MEP CONTRACTOR (ARAMCO)	12-11-2013	COMPLETED				
7005634 UPTO 7005641	Installation Of 65Package S/S 602 Mini Pillars, MV(15KV) Cable Laying, Splicing & Termination	Infrastructure Project (Half Moon Beach)	HUTA-HEGERFELD (SEC)	10-07-2013	COMPLETED				
SFC PR# 3000510263	Study to upgrade J37 for Discharge Compliance.	RasTnurah	ARAMCO	27-05-2013	COMPLETED				



CONTRACT NO	CONTRACT TITLE	LOCATION	CLIENT	START DATE	STATUS	WORK			
						ELECT	MECH (W/T &HVAC)	CIVIL	ICT
P-16038 & P-15799	LV & MV Cable Termination, Cable Fault Localization, Testing & Commission.	YERP#3 & 4(Yanbu Refinery Project)	Sendan International Company Ltd. (Aramco)	23-04-2013	COMPLETED				
1300055492	Installation of substation & switch gear, MV&LV Panel Boar, Termination & Splicing, LV&MV Cable Laying, Cable HI-POT insulation testing.	SATORP (Jubail)	PETROL STEEL COMPANY LTD. (ARAMCO)	12-03-2013	COMPLETED				
EN/U/P/0167	Construction of Warehouse, Office and Labor Compound	Umsahek	ENSYNS	01-01-2013	COMPLETED				
35638	Installation of substation, MV&LV Cable termination & Splicing, Power & Control Cable Laying, AC/DC HI-POT insulation testing and cable fault localization	Ras Al-Khair	NCC (SWCC Project)	23-10-2012	COMPLETED				
1280/DAR/ 2012 & 35638	Medium Voltage & Low voltage Cable Termination AC/DC HI-POT Testing (Cable Fault Localization)	Dhahran School Project(Dhahran)	NCC (Aramco)	29-07-2012	COMPLETED				
16559	Medium Voltage & Low voltage Cable Termination AC/DC HI-POT Testing (Cable Fault Localization)	Manifa Core Hydrocarbon Facilities Project (Manifa)	ETE/Aramco.	21-06-2012	COMPLETED				



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة

WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

WE/DP/0139	Private Site Development Work	Al-Azizia/Al-Khobar	Private	13-02-2012	COMPLETED				
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CONTRACT NO	CONTRACT TITLE	LOCATION	CLIENT	START DATE	STATUS	WORK			
						ELECT	MECH (W/T &HVAC)	CIVIL	ICT
ABB/H/J/0279	Supplying and installation of HVAC chilled water system CS pipe and fitting of all valve, insulation and aluminum cladding.	Al- Jubail	ABB Contracting Company Ltd. (Aramco)	16-10-2011	COMPLETED				
AGI/GTG/KJO /E-143/10	Supply Installation Testing & Commissioning Of 13.8KV Joints & Termination	PHASE 1 of Khafji Joint Operation AGOC/KGOC (KJO)	Alghanim International General Trading & Contracting Est./Aramco	22-06-2011	COMPLETED				
WE/DP/0135	Finishing work of a private villa (Plastering , Painting and Tiles Work)	Al-Khobar	Private	25-12-2010	COMPLETED				
P-KPF/01475 & P-KPF/01681	Installation Testing & Commissioning (Modification) Of 16KV BUS duct at Turbine area For 200/250 MVA TFMRS	KHURSANIYAH PRODUCING FACILITIES	CCC MEP CONTRACTOR (Aramco)	20-07-2010	COMPLETED				
P-KPF/00985	Fabrication, Supply and installation of aluminum cladding duct.	KHURSANIYAH PRODUCING FACILITIES	CCC MEP CONTRACTOR (Aramco)	24-03-2010	COMPLETED				



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة

WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

PO-SK /0734/05/09	Testing and commissioning of fiber optics.(Tracing , Cleaning , Labeling and re-termination)	Al- Jubail	PETROL STEEL CO. LTD. (Aramco)	12-11-2009	COMPLETED				
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CONTRACT NO	CONTRACT TITLE	LOCATION	CLIENT	START DATE	STATUS	WORK			
						ELECT	MECH (W/T & HVAC)	CIVIL	ICT
WE/DP/0132	Complete Construction Work of Private Residential Building	Al-Khobar	Private	28-08-2009	COMPLETED				
P-KPF/00255 & P-KPF/00941	Knock Out & Installation Of Glands For Medium Voltage Cable, WAN Routing Consultation Infrastructure consultation. And installation of 13.8/4.16KV & 10/12 MVA power transformer.	KHURSANIYAH PRODUCING FACILITIES	CCC MEP CONTRACTOR (Aramco)	10-03-2009	COMPLETED				
RBG-PO-00940	Extracting oil sample from power transformer to carry out the tests and submit test result.	RABIGH I W SP Project(Western Region Saudi Arabia)	MITSUBISHI Heavy Industries Ltd/(Aramco)	06-03-2009	COMPLETED				
QE/H/J/0825	Supplying and installation of HVAC chilled water system CS pipe and fitting valve, insulation and aluminum cladding.	Al- Jubail	Quality & Excellence Company Ltd.	12-10-2008	COMPLETED				
WE/D/P/0117	Complete Construction Work of Private Villa	Al- Azizia Al-Khobar	Private Villa	15-07-2008	COMPLETED				



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة

RBG-PO-00934	Vacuum Filling Of Oil & Oil Filtration for 19MVA Transformer, Fibre cable (Tracing, cleaning, labelling and re-termination) Low current (CCTV and access doors systems)	RABIGH IWSP Project (Western Region Saudi Arabia)	WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING) MITSUBISHI Heavy Industries Ltd (Aramco)	06-03-2008	COMPLETED				
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CONTRACT NO	CONTRACT TITLE	LOCATION	CLIENT	START DATE	STATUS	WORK			
						ELECT	MECH (W/T &HVAC)	CIVIL	ICT
P-KPF/00239 P-KPF/00254 P-KPF/00312 P-KPF/00415 P-KPF/00845 P-KPF/00875	Assembling & Installing Of Accessories Of 13.8/115KV, 16.5/115&50/67, 200/250 MVA Power Transformers.Infrastructure consultation.MV& LV cable termination and splicing, testing & commissioning of fibre optics WAN Routing Consultation.	KHURSANIYAH PRODUCING FACILITIES	CCC MEP CONTRACTOR (Aramco)	19-10-2007	COMPLETED				
P-KPF/00239	MEDIUM Voltage & LOW Voltage Cable Splicing,Installation, Testing & Commissioning of Fibre Optics WAN Routing Consultation	KHURSANIYAH PRODUCING FACILITIES	CCC MEP CONTRACTOR (Aramco)	19-08-2007	COMPLETED				
Phase-I- GCCAI-116	GCC Interconnection Project Phase-I Infrastructure, Utility Plant & Service-Installation of Existing Paving. And construction of Transformer Foundation.	Fadhli sub Station to Salwa Power Plant	AREEVA (GCCC)	19-05-2007	COMPLETED				
P-KPF/00217	Supply and installation of HVAC duct by GI and G90 with accessories, insulation and aluminum cladding.	KHURSANIYAH PRODUCING FACILITIES	CCC MEP CONTRACTOR (Aramco)	08-01-2007	COMPLETED				
PI-SAP-0215	PI - SAP process integration with SAP exchange infrastructureBI - SAP Business Intelligence Java – SAP NetWeaver´04 - Web Application Development with Java	EASTERN REGION	SAUDI ARAMCO	15-08-2006	COMPLETED				



CONTRACT NO	CONTRACT TITLE	LOCATION	CLIENT	START DATE	STATUS	WORK			
						ELECT	MECH (W/T & HVAC)	CIVIL	ICT
ALH/M/0517	Data Centre preparation (Raised Floor, Racks, access door, CCTV & etc...) Microsoft Windows environment Consultancy (AD, Exchange, ISA, SMS and MOM)	Eastern Region	Al Hasa Municipality	20-06-2006	COMPLETED				
SAAP/W/M/0679	Installation, Labelling, Testing & Commissioning of 106 Outlets, including patch panels, modules, patch cords and labels, as per Bill of Quantities/Materials	Western Region	SAAP	15-03-2006	COMPLETED				
KAIP/E/E&I/0375	Installation, Testing & Commissioning of Fibre Optics , Low currant (CCTV and access doors systems) Cable Laying & Termination	Eastern Region	King Abdul-Aziz International Port	12-11-2005	COMPLETED				
AL-OG/E&I/T/0478	Installation, Testing & Commissioning of Cisco LAN equipment Replacing old existing switches & Cable Laying	Western Region	Al Othman Group	18-08-2005	COMPLETED				

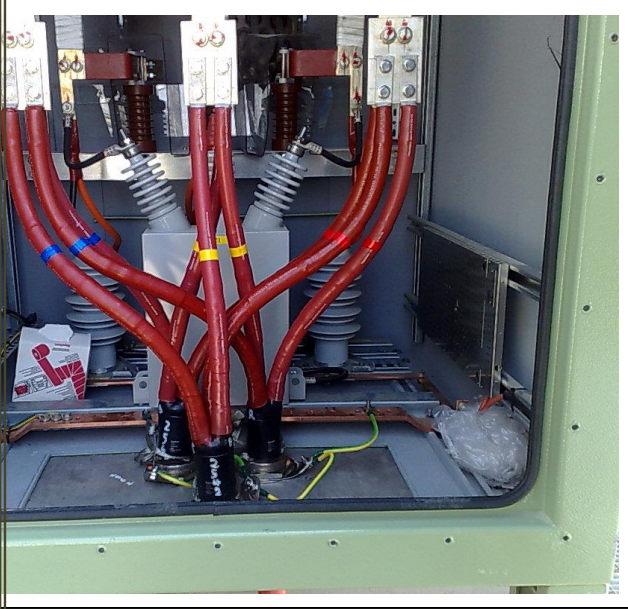
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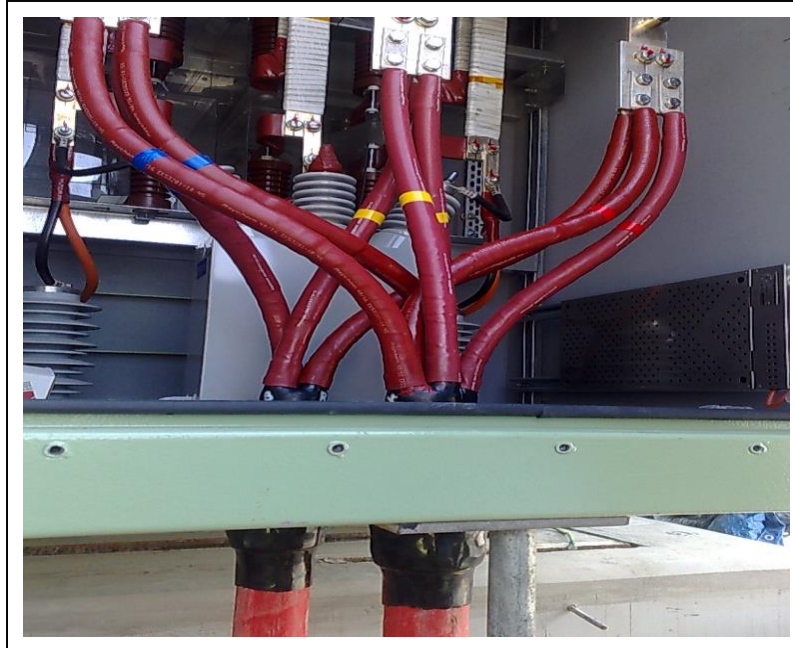
شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

RECOGNITION FROM CLIENTS:-





Voltage - Cable Termination - Various Sizes-in Khursaniyah
ing Facilities Project & in Kursaniyah Gas Plant Project, Saudi





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**Nos. 13.8 /
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شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)



Assembling and Installation of Accessories of 2 Nos.16.5/115 KV, 200 / 250 MVA TFMRS. in Khursaniyah Producing Facilities Project, Saudi Aramco, Khursaniyah.





شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)



**Installation, Testing and commissioning of 16KV
"Bus duct" at Turbine area for 200/250 MVA TFMRS. in Khursaniyah
Producing Facilities Project,
Saudi Aramco, Khursaniyah**





شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

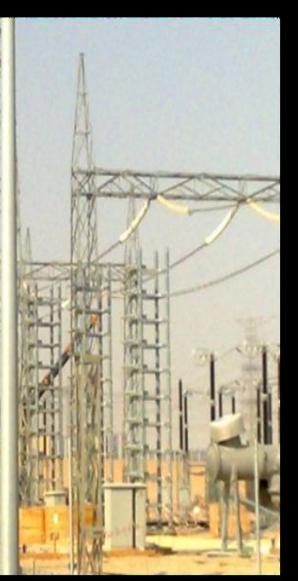


Control Cabling and Termination in GCCIA(Gulf Cooperation Council Interconnection Authority) 400KV Substations at Al Fadhil (K.S.A), Jasra(Bahrain), Salwa(K.S.A), Gunnan (K.S.A) and urrayyah(K.S.A)(Main Contractor-AREVA)





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Cooperation
at
Gunnan(K.S.A)





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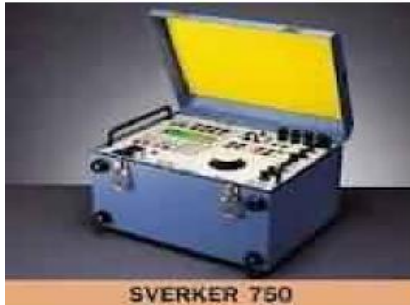


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AL



QUALITY MANAGEMENT



In an effort committed to providing quality products and services, WENCO has developed:

- ❖ quality assurance / quality control program
- ❖ Project quality plan
- ❖ quality procedures
- ❖ Internal Auditing and Self-assessment



QA/QC PROGRAM



Quality assurance (QA) activities for all environmental projects occur at several levels. For the purpose of this discussion, three distinct levels can be identified:

Organizational or Programmatic Level. At the organizational level, QA activities ensure that the program or organization is successful by overseeing the infrastructure necessary for individual projects in the program, and making sure activities have the resources they need to be successful.

Project Level. At the project level, QA activities support the success of an individual project by ensuring that accurate information is channeled to the right people at the right time so that decisions can be made during project implementation that are defensible and cost-effective.

Technical Level. At the technical level, QA activities ensure that the individual technical activities that generate, process, or synthesize data (or other information) for the decision process are performing within accepted limits. These activities are also commonly known as quality control (QC).



1.1 SYSTEMATIC PLANNING ACTIVITIES THAT DIRECTLY SUPPORT PROJECT QA INCLUDE:

- Identifying what a "successful" project should look like.
 - Articulating project goals ("the mission") that is understandable and acceptable to all involved parties.
 - Clearly defining the roles, responsibilities, and authorities for project participants.
 - Fostering open lines of meaningful communication (i.e., developing social capital).
 - Identifying resource needs to guarantee access to the right people and technologies for the job.
 - Developing consensus on what strategies to use to reach project goals.
- Ensuring there will be clear evidence and proper documentation that project goals were actually achieved at the end of the project.

1.2 QUALITY CONTROL INSPECTION PROGRAM:

The Quality Control Officer shall be supported by testing laboratories and special Consultants as required to meet the requirements of the specifications, and to ensure Qualified inspection of the work. The Quality Control Office should be responsible for Scheduling and coordinating all inspection and testing of work as further described under Testing Program.

The Quality Control Officer shall use the expertise of the testing laboratories and Specialist consultants as required, and should be responsible for issuing the final Recommendations. The Quality Control Office should coordinate and supervise the Performance of all required inspections, testing, checking of documents and submissions Performance of all required inspections, testing, checking of documents and submissions for Approval. In addition, the Quality Control Officer should be responsible for monitoring complete up-to-date records on submittals of documents and should be responsible for Submitting quality control reports as required to the senior management of the contractor on and-off sit.

WENCO shall name an approved quality control representative to be on the job site at all times, and continuous inspections should be maintained during critical phases of the work. The Quality Control Plan should remain in effect until construction work has been substantially completed. Phase inspections should function as follows:

1.2.1 Preparation Inspection

Prior to commencement of any work segments check plans, specifications, submittals, materials, existing conditions and controls. Advise superintendents and/or suppliers of packing requirements for shipment by land, sea, or airfreight.



1.2.2 Initial Inspection

Final inspection should be carried out and deficiencies rectified prior to Requesting formal inspection from the client's consultant supervision team.

1.2.3 Initial Phase:

Closure of nonconformance Reports	Issued nonconformance reports can be generated from the customer or to the supplier or vendor. It is important the control and action for closure purposes is coordinated through a sole point of contact. Ensuring that delays in the construction schedule are kept to an absolute minimum.
Client Sign off of Inspection Test Dossiers	It must be agreed with the customer if they are going to sign off the inspection check sheets during their attendance at the place of inspection or whether the customer will verify conformance by reviewing the As-Built Turn Over Dossiers. If this is not agreed at the early stage of the project this could cause considerable delays later on.
Punch-snap List Items	Prior to the completion of a Project Milestone all outstanding items should be identified through one point of source. Punch listed items should be agreed and coordinated with the customer prior to final handover.
Outstanding Work list Defined	Outstanding work lists that are identified in the Punch list that cannot be completed must be identified in a Project Exception List, rework to be completed at a later time. All rework must be agreed with the customer.
QA/QC Documentation Reconciliation	Copies of Project Quality Control and Quality Assurance documentation are normally required by contract to be held for retention for a period of five years by the suppliers or Prime Contractor. Where a component or section of the Project fails at a later stage a warranty claim will be initiated by the customer.
QC Manpower Defined	The Customer and the Prime Contractors must ensure there is sufficient Quality Control manpower on resources for the scope of the customer's Technical Specifications.

This is the time for the unit, customer, and any third party to ensure or reestablish standards of workmanship.



If there are differences of opinion on the interpretation of construction requirements, the issue can be discussed and settled at the outset of work rather than after the work is in place. The initial inspection phase is a practical method of performing preventive.

Inspection and reaching agreements (in writing) in advance. Proper coordination from the unit must be made before construction starts and during the initial phase. This is to ensure that construction techniques meet specifications and the intent of the designer and that tests are identified.

1.2.4 Follow-Up Phase:

This phase includes inspections and testing to determine continuation of compliance and workmanship established during the preparatory and initial phases. Follow-up inspections may occur on a daily, routine, or predetermined basis as required to ensure strict construction compliance (see Figure 2). This happens throughout the project. For example, units can construct "mock-ups"--such as sample footings, walls (masonry or lumber), and trusses--to establish standards or have inspectors approve the mock-ups before constructing the proportionate load of the project. Figure 3, page 18, shows a county inspector conducting a slump test on a grout fill for a concrete masonry unit (CMU) wall.

In Process
Inspection

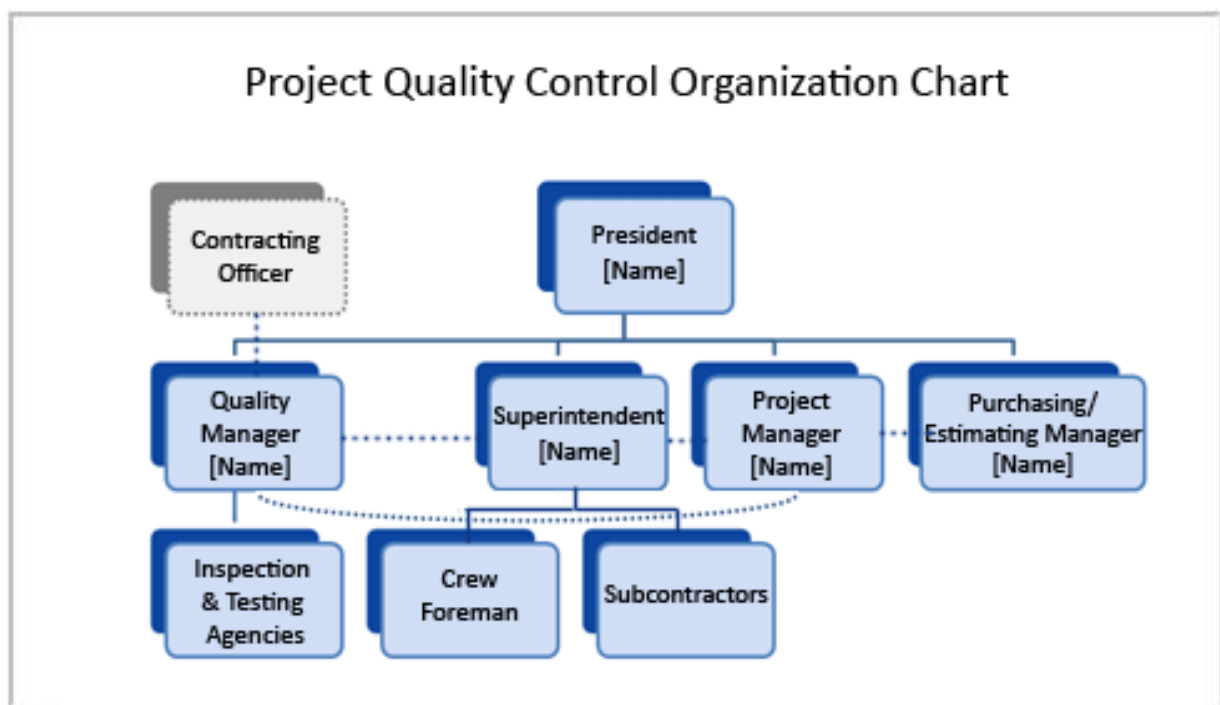
- QA/QC Documentation** — It is normal for the Customer to specify how and in what format the QA/QC Turnover Dossiers are to be presented. This is normally given to the supplier in the form of a Project Procedure documentation.
- QA/QC Documentation Retention** — It is normal for Project QA/QC documentation to be retained by the supplier or contractor for a minimum period of five years.
- Punch Listed Items** — Prior to the completion of a Project Milestone all punch listed items should be identified and coordinated through one point of source. Punch listed items should be agreed and coordinated with the customer prior to final handover.



Customers
Warranty Claims

In such cases where there is a failure of the product, the QA/QC Turnover Dossiers will be able to identify whether there is a product manufacturing defect or if it was an installation construction failure.

PROJECT QUALITY PLAN



Project Quality plans are specifically developed for each project as contract award.

2.1 THE PROJECT QUALITY PLAN WILL DETAIL AND VERIFY HOW WE

AT WENCO:

- ❖ Interpret the project specific quality requirements
- ❖ Implement the project specific quality requirements
- ❖ Execute the project specific quality control plan
- ❖ Maintain the project specific quality control plan

2.2 GENERAL MANAGER:



- ❖ The General Manager is directly responsible for the management and control of
- ❖ all activities carried out by WENCO. His
- ❖ responsibilities include but are not limited to
- ❖ The implementation of all measures necessary to ensure that all projects are
- ❖ completed on time and within budget and in accordance with all requirement.
- ❖ Ensuring that all projects and supporting departments are staffed by
- ❖ Appropriately skilled, qualified, trained and experienced men.

2.3 PROJECT MANAGER:

- The Project Manager is responsible for managing all project activities. His Responsibilities include but are not limited to
- Representing WENCO all project Meetings and other contractual matters.
- The management of all project activities and the control of all project personnel.
- Ensuring that project activities are performed in the sequence shown on the Project Schedule and taking whatever action is needed to ensure the work is completed on time.
- To maintain liaison and close co-operation with Client Personnel
- Mobilization of manpower and equipment, and provision of materials required for the timely completion of the work.
- Ensuring that the requirements of this Project Quality Plan are integrated into the working methods of project personnel.
- Ensuring that objective evidence of conformity to project requirements is generated.

The Project Manager report to General Manager

2.4 CONSTRUCTION MANAGER:

The Construction Manager has the responsibility for meeting the production Schedule and ensuring that all works is performed in accordance with the requirements

Standards and specifications. His responsibilities include but not limited to:

- Planning and co-coordinating the day to day activities in the workshop and on the project Site.
- Monitoring daily progress and taking appropriate actions whenever there are Production delays.
- Ensuring that tale work is performed with due consideration for the safety of the workforce, equipment and existing plant facilities.
- Co-coordinating the re-scheduling of activities whenever there are any delays or Changes to any of the planned activities.

The Construction Manager reports to Project Manager.



MANAGER:

The major responsibilities of QA / QC Manager include but not limited to

- Managing the performance of all QA / QC activities in accordance with the Project Quality Plan and the project schedule.
- The issue, revision (subject to PROPONENT approval) and control of the Project Quality Plan.
- Monitoring the implementation of the Project Quality Plan and its operation by

Constant surveillance and review.

- Developing project specific Inspection and Test Plans for each section / discipline of the work.
- To establish and maintain liaison with PROPONENT on all matters relating to QA/ QC.

2.5.1 Q C INSPECTOR:

The QA / QC Inspector (for each discipline) is responsible for all inspection and Testing activities. His responsibilities include but not limited to;

- Performing / witnessing the required inspection and testing, as per the approved Inspection and Test Plans, the project schedule and all applicable Standards and Specifications.
- Monitoring the revision status of all documents issued for used for the projects.
- Materials receipt inspection and verification of materials certificates.
- Monitoring the status of quarantined materials and ensuring the timely removal of rejected items.
- Inspection of materials used for fabrication and erection, and ensuring their traceability is maintained.
- Monitoring the Hold Points / Witness points of the Proponent inspection personnel and issuing Request for Inspection at the appropriate times.
- Obtaining the appropriate Proponent signatures on the inspection and testing records.
- Ensuring that only calibrated equipment/instruments are used on the project and proper calibration records are maintained.
- Progressively and systematically compiling all inspection and testing records for handover to the Proponent.

The QC inspector reports QA /QC Manager

2.6 IMPLEMENTATION:



Prior to the starting of the Quality Control Group consisting of Q.C Engineer and QA inspector will be assigned by the **WESTERN ENERGY** Management.

They will be responsible for administering all quality control activities and documentation in accordance with the site requirement.

The first duty of the Q.C Engineer is to study the scope of works and special requirements for the Projects, assigned by the Quality Controllers from each discipline.

He will establish the needs for the developing the details of quality control requirement. This will involve the preparation and instruction for each contracting category, selection of recording and reporting forms, obtaining the required standards

And specification etc. To gather with instruction on cost, coding, cost control, progress control and schedule, etc. this will form the complete job instruction manual.

Quality Control will be prime duty of the Project Manager and his Supervisory team. Each Project will be manned with experienced supervisory personnel, each specialized in one or more construction categories such as Underground Cabling

System, Substation installation, Commissioning of High & Low Voltage Cabling System & Transformers, Underground Foundation, Heavy Load bearing foundation, Fabrication, Machinery & Transformer Installation, Rigging and Surveying etc.

The Project Manager assisted by the Q.C. Engineer will brief each Supervisor on the special requirements of the project standards and specification.

2.7 DOCUMENTATION & WORK PROCEDURE:

The Quality Control Engineer will train the Site Engineers/Site Supervisor to take his role in his absence for preparing and executing the site jobs as per the standards and approved drawings and materials and obtain Client Inspector approval in RFI's as detailed under:

Work wise: Proper execution after site preparation as per the Specification and drawings.

Safety wise: Proper barricades flesh light, sign boards, etc. around work area

Documentation: Proper work Permits, RFI's certificate Gate Entry/Temporary



Access, etc. for the proceeding of the work.

Following is a brief summary of inspection and test activities required to ensure the quality and compliance of the construction, mechanical installation with the drawing and SABIC/ROYAL COMMISSION standard specification.

Our quality control group and some by other will perform most of these activities on behalf of **WESTERN ENERGY** in which case we will make sure that Sub-Contractors will perform their client specifications.

2.7.1 ELECTRICAL:

Proper Installation & Commissioning of Sub Station, Transformers
Ensure that Cable Splices and Certified
Megger Test Cables
Check Splicing and termination
Check Wiring and Termination
Check Transformers/Motor/Switch Gears
Check Switches, cutouts, meter and relay, etc.

2.7.2 HVAC INSTALLATION:

- The Quality Control Supervisor will check the ductwork, dampers, heaters, grills, diffusers for their conformance with the approved drawings and specifications.
- HVAC units shall be installed in strict accordance with the manufacturer's Recommendation and in accordance with the applicable codes and standards. Saudi Aramco inspection will be requested prior to closing the ceiling in each area.

2.7.3 DUCT BANK:

- The Q.C. Supervisor will check the fabrication and installation of ducts for their Conformance with the approved drawings and specifications. The materials and Accessories also will be checked for their conformance with all standards. All duct Works will be inspected and certified by Q.C. Supervisor prior to installation. Installation of ducts will be in a neat and workmanlike manner at locations shown on Approved drawings. Ducts will be independently supported from building structure Only by using the approved fixing and hanger materials.
- Installation of fiberglass insulation will be checked for their conformance with Thickness, density, thermal conductivity as per related specifications and standards.
- Any materials found, which is not acceptable will be Rejected by Q.C. Supervisor and that will be removed from



CIVIL WORKS:

- ❖ Check cleanliness before backfilling
- ❖ Soil density Test
- ❖ Compaction Test
- ❖ Asphalt Test

2.7.5 CONCRETE:

- ❖ Preparation weekly forecast of concrete requirement
- ❖ Check Fabrication and Placing of reinforcing bars
- ❖ Check Placing Insert and anchor bolts
- ❖ Preparation of Test Cylinders
- ❖ Dimension
- ❖ Level using (Leveling Instrument)

2.7.6 BUILDING WORK:

- ❖ Preparation weekly forecast of concrete requirement
- ❖ Check Fabrication and Placing of reinforcing bars
- ❖ Check Placing Insert and Anchor Bolts
- ❖ Preparation of Test Cylinders
- ❖ Dimension
- ❖ Level Using (Level Instrument)
- ❖ Check Plumbing Leveling

2.7.7 MECHANICAL EQUIPMENT:

- ❖ Check Leveling /grouting
- ❖ Check alignment
- ❖ Check Flushing and cleaning
- ❖ Check Lubricant

2.7.8 INFORMATION TECHNOLOGY:



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Certification according to ISO- 9001:2000 standards

WESTERN ENERGY co-operate with international Companies which is certified according to different Certifications include ISO- 9000- standards.

Our Partner staffs as well as WESTERN ENERGY staff is well trained and is involved into continue improvement of the Quality Management System. Due to the standardized and process-oriented structure and involvement of all business processes.

WESTERN ENERGY management is evaluating the Quality Plan and Quality Control every three months and take cognoscente of the views from our customers.

QUALITY PROCEDURE

3.1 CONTROL OF MONITORING AND MEASURING DEVICES:

3.1.1 SCOPE

This procedure defines how the control and monitoring of measuring devices is Carried out to ensure that valid results are obtained and provide evidence of Conformity of products.

3.1.2 RESPONSIBILITIES

Responsible to ensure that all measuring devices are maintained in good working Order and calibrated when required.



DEPARTMENT PROJECT MANAGER

Upon receipt of the measuring device, ensure that the handling and storage is in Accordance with the manufacturer's recommendations and only measuring devices With a valid certificate are used in their department or on their project.

3.2 PROCEDURE:

3.2.1 CALIBRATION

- In no case shall the frequency of calibration exceed 6 months and all Instruments shall be calibrated prior to initial use.
- Whenever it is a client/proponent requirement, copies of the calibration Certificates for instruments used for the work, shall be included in the appropriate Documentation packages.
- All measuring devices shall be calibrated or verified at specified intervals in Accordance with the manufacturer's recommendations or where applicable, the Client's requirements when in use.
- When the measuring device is not in use calibration or validation is not Required the calibration or verification status shall be clearly shown.
- Calibration or verification shall be carried out against measurement Standards traceable to international standards. Where no such standards exist, the Basis used for calibration or verification shall be recorded.
- Where calibration or verification is carried out by the Company this shall re Recorded on a Certificate of Calibration.
- Where required, calibration or verification shall be carried out by an Approved 3'd party Inspection Company or the manufacturer.
- Calibration or validation will only be carried out when the measuring device Is required to be used.

3.3 ORGANIZATION

We acknowledge the importance of the independent quality control and assurance group within our Project Organization, and this group will be organized as follows:

MANAGEMENT TEAM
PROJECT MANAGER
PROJECT ENGINEER
QA/QC ENGINEER

The group **WESTERN ENERGY** will consist of QA/QC Engineer who is key staff member to **WESTERN ENERGY** Management team and quality controls from each discipline who is technically qualified to check the work and standards.



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The quality control and assurance group will only answer to WESTERN ENERGY Management Team.

Documents covering all QA/QC activities will have witnessed by client or their authorized representatives.

INTERNAL AUDITING AND SELF-ASSESSMENT

4.1 SCOPE:

This document describes the procedure required to schedule and carry out Internal Audits at planned intervals to determine whether the company's Quality Management System conforms to the requirements to ISO 9001: 2000 and is effectively implemented and maintained.

4.2 RESPONSIBILITIES:

4.2 .1 QA/QC MANAGER



Preparation of the Audit Schedule Conducting Internal Audits in accordance (auditor) with this procedure on designated Quality Management System activities, except areas for which he is personally responsible. Review of Internal Audits carried out by the Auditors.

4.2.2 AUDITORS

Conducting Internal Audits in accordance with this procedure on designated Quality Management System activities, except areas for which they are personally responsible.

4.3 AUDIT SCHEDULE:

- The QA / QC Manager shall prepare an Audit Schedule. The schedule shall be for a 12-month period.
- Each activity shall be subject to an annual Internal Audit, as a minimum. Activities shall be audited more frequently, if they produce repetitive non conformities.
- The Quality Audit program shall also include scheduled Quality System audits for all subcontractors.
- Internal Audits shall be scheduled with consideration of the status and importance of the processes and areas being audited, as well as results from previous Internal Audits.
- As a minimum, audit schedule shall be carried out at fifth teen (15%) and sixty (60%) of completion stage for the Procurement and Construction work phase.
- Unscheduled Internal Audits may be conducted any time i.e. a follow-up audit, based on previous audits or any obviously nonconforming activities

4.3.1 AUDIT CHECKLIST:

The Auditor shall prepare a Quality Audit Checklist prior to conducting the Internal Audit. The checklist shall be based on the documents relevant to the activity being audited.



Health, Safety and Environment is a project specific plan of action whose objective is to achieve the “Zero Accident” goal through continuous improvement practice.

1. Health:

The Health part can be reviewed as follows:

- ❖ First Aid and Medical Facilities
- ❖ First Aid Training
- ❖ Emergency Response
- ❖ Health Communication
- ❖ Site notification of the Medical Facility
- ❖ Measurement

2. Safety:

Safety measures are also applied to insure Zero Fatal Incidents and Zero Lost time incidents through the following procedures:

- ❖ Setting policy objectives and targets
- ❖ Distribution of responsibilities
- ❖ Calling for safety meetings
- ❖ Doing safety promotions and training standards
- ❖ Continuous monitoring and other actions

HEALTH & SAFETY

Table of Contents

1 GENERAL

1. Health, Safety and Environmental Policy Statement
2. Purpose of HS Plan
3. Objective
 - 3.1. General
 - 3.2. Health
 - 3.3. Safety
 - 3.4. Environment



4. WENCO HS Management Structure

2

3

4 HEALTH

1. Health records and hazards identification
2. First Aid and Medical facilities
3. Site notification of medical facility
4. First Aid Training
5. Emergency Response
6. Hygiene in camps/works sites

5 SAFETY

1. Policy, Objectives and target
2. Organization and responsibilities
3. Safety meeting
4. Safety Training
5. Permit to work system
6. Accident Reporting, investigation and follow-up
7. Emergency Response
8. Critical Activities
9. General Activities

1 GENERAL:

1.1 HEALTH, SAFETY AND ENVIRONMENTAL POLICY

STATEMENT:

WENCO recognizes the importance of Health and Safety (HS) issues and is committed to establishing and implementing the HS plan and procedures as outlined in WENCO HS Manual. This commitment to HS matters is highlighted by WENCO's President.

1.1.1 General:



Set out a project HS plan compatible with client HS regulations and applicable government laws. Plan activities and setup systems/boundaries to achieve the “ZERO ACCIDENT” goal.

Communicate plan requirements to all personnel and disseminate information by:

1. Training and man powering employees
2. Ensure compliance by monitoring, inspection and audits
3. Establish and utilize a structured HS communication/reporting system
4. Regularly review and update HS plans in line with new findings and new regulations.

1.1.2 Health:

Ensure that proper medical resources are setup and available to all employees
Maintain appropriate health surveillance and reporting systems.
Ensure that a minimum of 10% of this project staff have received First Aid Training

1.1.3 Safety:

Ensure that safety training and education are conducted and documented.
Actively encourage near miss as well as incident reporting and ensure follow-up to documents “Less Learned” and enhance plan.
Address road safety as a top priority including driver training testing, vehicle inspections and journey management.
To inspect/spot check facilities and audit safety activities.

1.1.4 Environment

Increasing awareness of environment among all employees.
Ensure friendly and positive attitude towards water bodies.
Ensure site reinstatement on completion of construction activities.
Reporting regularly on environmental issues to allow enhancement of HS Plan.

1.2 WENCO HS MANAGEMENT STRUCTURE:



matters can be managed effectively only when they are considered as a line responsibility. All employees are empowered to plan, implement and consistently strive for the “ZERO ACCIDENT” goal

1.2.1 The main responsibilities for the various functions are described below:

WENCO President:

To ensure that there is an effective HS Policy.553054227

Company Safety Manager:

Ensure there is an effective HS plan for the project.

Monitor through audits and inspections compliance with the plan

Prepare, modify, control and issue of HS manual.

Project Manager:

Ensures that the planning and systems are in place for effective HS

Management and that all employees understand the HS plan.

Site-In-Charge:

Ensures that training and communications means are in place to

Disseminate HS plan requirements to all employees spearhead the process of continuous improvement to achieve Zero Accident Target.

Safety Officer:

Plans and monitors construction activities to ensure compliance with HS

Plan. Ensure that all personnel, plant and equipment are suitable for safe Job execution.

Supervisors:

Plan and organize the work so that it is executed with no exposure to personnel, equipment or environment.

All Employees:

To use the correct methodology, material, equipment and tools for the execution of their duties. Also to report and suggest improvements / modifications to existing plans and methods.



2 HEALTH:



2.1 HEALTH RECORDS AND HAZARDS IDENTIFICATION:

It is WENCO intention to ensure that all personnel involved in this project are fit for the job, healthy and live in hygienic conditions. All personnel will be made aware of health hazards surrounding their work and living environment.

In order to achieve this, the following plans shall be implemented.

2.1.1 Medical Examinations/Records:

WENCO provides medical examination for all new workers prior to employment.

All drivers will be examined prior to start of work.

Eye tests to be repeated every year.

A Medical Doctor will examine all personnel working in kitchens.

Medical tests and certificates to be issues for all persons involved in usage or transport of isotopes or X-Ray machines prior to start of work.

2.1.2 Drugs and Alcohol:

Religious and social traditions in the Middle East strongly discourage such abuse. However supervisory staff will be trained in the signs and indications to watch for that might indicate such abuse. If such cases are detected they will be dealt with swiftly as per drugs and alcohol policy.

2.1.3 Smoking:

Some areas will be designated as non-smoking due to safety and occupational hygienic requirements. Signs will be installed in all indoor areas where smoking is not allowed. Smoking in operating plants is not allowed.



2.2 FIRST AID AND MEDICAL FACILITIES:

First Aid boxes will be provided at each work site. These boxes will contain the necessary resources and will be checked weekly against a list of contents.

WENCO supervisors will be trained to treat first aid cases especially the ones related to the health hazard tasks as identified in the HS manual.

2.2 SITE NOTIFICATION OF MEDICAL FACILITY:

In order to make everybody aware of the availability of the medical facility, the safety officer will put sufficient notices around the camps and work sites indicating the timing of the medical facilities available at camp.

2.3 FIRST AID TRAINING:

The Safety Officer will be fully qualified to provide the training. All construction foremen and charge hands will be trained during the mobilization period to handle first aid cases especially the ones related to the health hazard tasks identified in WENCO HS manual

2.4 EMERGENCY RESPONSE:

The procedure will be followed in the event of an emergency incident occurring in the work site. It defines the action to be followed by all WENCO personnel in case of an emergency incident. The procedure is identified in WENCO HS manual. The phone numbers to call in case of emergency will be posted on site in English and Arabic.

2.5 HYGIENE IN CAMPS / WORK SITE:

WENCO will maintain high hygiene standards in all accommodation, offices and work locations especially the following:

- a) Kitchen Rooms
- b) Potable water storage and transport / distribution system
- c) Recreation facilities
- d) Accommodations and rest rooms
- e) Site offices

The Site Manager will monitor the mobilization and set up of these facilities. Safety officer and Camp boss will inspect and report monthly on hygiene issues in these facilities.



HEALTH AND SAFETY PLAN



3 SAFETY:



3.1 POLICY, OBJECTIVES AND TARGET:

We believe that the proper planning, training, communication, empowering of employees, monitoring and providing the necessary resources, all accidents can be prevented. Hence our safety targets on this project are:

- a) Zero Fatal Accidents
- b) Zero Lost Time Incidents

Safety performance boards will be placed on job site and camps locations to show the following statistics:

Lost Time Incident Frequency (LTIF)

Number of hours worked since last LTI

Number of days worked since last car accident.



3.2

3.3

3.4

3.5 **ORGANIZATION AND RESPONSIBILITIES:**

The Safety Management is a line responsibility and the main responsibilities for the various functions are given in this plan.

The Project Safety Officer shall arrange with Company's safety department an appropriate exchange mechanism for mutually beneficial information.

Project's specific organization charts highlight the responsibilities of the members of the team indicated as follows:

Project Manager / Site Manager:

- a) Implementation of Safety Policy and Safety Plans within the project locations.
- b) Participate in and render reports of incidents and near misses to WENCO and Company's Managers.
- c) Review investigation reports of incidents and near misses with the help of Project Safety Officer to establish causes and put into place measures to prevent reoccurrence.
- d) Monitor safety on sites.
- e) Establish a safety award program to modify / reinforce safety behavior and awareness.
- f) Liaison with the clients.

Project Safety Officer:

- a) Issue necessary directives to Safety Engineers and render advice to Site Manager as required.
- b) Monitor safety on sites and review performance on new safety measures.
- c) Formulate new safety measures in conjunction with Site Manager.
- d) Render reports on safety to Site Manager.
- e) Render necessary advices to Engineers / Supervisors / Foremen during site visits.
- f) Monitor tool box meetings conducted by supervisors.
- g) Carry out weekly inspection of camps with reference to environmental protection, hygiene, sanitation, fire prevention, protection measures, emergency drill and render reports to Site Manager.

Safety Engineer:

- a) Training of supervisors and workers, initial and on the job.
- b) Daily inspection and participate in toolbox meetings at sites.



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

- c) Inspection of vehicles / equipment's en route.
- d) Checking and verifying drivers permit.



Safety In-Charge:

- Report to Site Manager any incidents and to client authorities in case of the absence of the Project Manager.
- Investigation of incidents.
- Vehicle maintenance responsibilities as per HS Manual
- Carry out personal safety awareness visit once a week and record.
- Site supervision and monitoring of activities pertaining to their specific field and perform as per directions in WENCO manual.

3.6 SAFETY MEETING:

Description	Frequency	Called by	Attended by
Kick-off meeting	Start	Project Manager	Site Manager Safety Officer
HS Workshop	Monthly	Project Manager	Site Manager Safety Officer Selected Personnel
Brd. Safety Meeting	Quarterly	President	Senior Staff
Office Safety Meeting	Monthly	Project Manager	Office based Senior Project Staff
Site Weekly meeting	Weekly	Site Manager	Sited based staff
Tool Box Meeting	Weekly	Safety Engineer	Supervisors Subordinates

3.7 SAFETY TRAINING:

During execution of the project, the safety officer in conjunction with the site manager will prepare training plans and arrange for additional training session, based on feedback and deviations between measurements and targets. Areas of high potential impact will be targeted first.

All drivers will be trained and will undergo a test period of one week before starting to drive.



3.8 PERMIT TO WORK SYSTEM:

During the construction phase of the project, permit to work system as described in the HS manual shall be adhered to. Selected supervisors shall attend “Permit to Work” course, after which they will be allowed to be permit holders.

3.9 ACCIDENT REPORTING, INVESTIGATION AND FOLLOW-UP:

In case of any accident, the reporting will be in accordance with WENCO HS manual. Near miss incidents will be reported using the near miss incident report forms. The foreman / supervisor directly responsible for the work or activity shall complete these forms where incident occurs.

Upon completion of the investigation, the Safety Officer will issue the report that will detail actions to be taken to prevent reoccurrence. New procedures will be issued or existing procedures will be revised to address the “Lessons Learned”.

3.10 EMERGENCY RESPONSE:

The emergency response shall be in accordance with WENCO HS manual.

Emergency response drills will be arranged every other month at project site

With regards to the follow – up of emergency response drills, these will be similar to those of safety inspections as detailed in the following paragraphs.

3.11 CRITICAL ACTIVITIES:

a) Driver’s Training:

It is WENCO plan to minimize kilometers driven on the project. This will be achieved by planning during the design, mobilization and construction phases. Professional drivers that have at least five years’ experience, valid driving license, Should take a medical examination before driving on the project. The drivers will undergo a supplementary training in defensive driving techniques, after which they will be provided with a permit to drive by WENCO. There will be no driving at night hours. The site manager will authorize exceptions.

b) Vehicles Inspection:

Vehicles will be maintained in good operating conditions. Monthly inspection / maintenance will be performed and records will be kept.

c) Responsibilities:

All managers, supervisors, foremen and workers are responsible for an will be for and will be held accountable for road safety. The Safety Officer / Engineers will perform spontaneous inspections / audits to verify compliance.



3.12 GENERAL ACTIVITIES:

a) **Personnel Protective equipment:**

Technicians engaged in welding, cutting, grinding, handling of materials, etc..hall be provided with adequate protective clothes / equipment to protect themselves from any injury. This equipment will be of good quality. In general, the following equipment shall be in use.

Safety Helmets

Safety Shoes

Safety Goggles

Welding Masks

Hand Gloves Welding Apron

b) **Hand Tools:**

All the technicians engaged in the project shall be provided with approved hand tools. These tools will be periodically checked by the concerned supervisor and in case of any damage on the tools; the same shall be replaced immediately.

c) **Lifting Equipment:**

Cranes, wire rope slings and tackle equipment used for lifting operations shall be inspected and tested at regular intervals and the Safety Officer shall keep all records.

Lifting equipment operators will have adequate training and experience to operate the equipment.

All cranes will be fitted with an audible warning device that sounds when the crane becomes overloaded.

d) **Electrical System and Equipment:**

All personnel shall follow the contract Electrical Safety Rules while using electrical equipment which shall include but not be limited to, portable tools, powered lamps, flexible cable, switchgear, motors and electrical installations on temporary facilities.

Prior to working on electrical equipment, permits / certificates shall be obtained in accordance with applicable safety rules.

All dangerous occurrences and electrical accidents shall be reported immediately in accordance with HS regulations.

e) **Storage of Gas Cylinders:**

Industrial Gases that will be used in the project shall be stored properly as per HS regulations



f)

g) Fire Prevention:

During the project life span, all personnel should be aware of operating the fire extinguisher which shall be used in the office and on work sites. Supervisors and employees shall be trained on “Basic fire extinguisher” usage.

Sufficient number of firefighting equipment shall be available at the work site. Regular inspection shall be carried out on “Fire Extinguisher” and proper logbook shall be maintained to check the expiry date of those extinguishers.

h) Permit to work:

“Permit to Work” shall be arranged according to client and contract procedures and in line with the HS Manual.

1. BACKGROUND INFORMATION:

Name	:	WESTERN ENERGY COMPANY LTD
Legal Structure	:	Sole Proprietorship
Registration	:	2051034451
Owned By	:	FAHAD K.AL-HAJRI/ABDUL HADI F.AL-HAJRI
Business Activity	:	Trading, Manufacturing, and Contracting.

2. SIGNIFICANT ACCOUNTING POLICIES:

Generally accepted in the Kingdom of Saudi Arabia. The significant accounting policies.

a. Accounting Conventions:

Historical cost convention using the accrual basis of accounting and on assumption of going.

b. Foreign Currencies:

The entity maintains its accounts in Saudi Arabian Riyals. Transactions in foreign currencies are translated at the rates of exchange prevailing at the dates of the respective transactions. Monetary assets and liabilities denominated in foreign



currencies are retranslated at the rate of exchange prevailing at the balance sheet date gains and losses resulting from exchange differences are taken statement.

c. Revenue Recognition:

The Company's revenue is recognized as follows:

- ❖ Revenue from construction contracts is recognized on the basis of percentage of completion method.
- ❖ Revenue from sale of goods or services is recognized on delivery of goods or on rendering of services and invoicing to clients.
- ❖ Revenue from interest on deposits and rental income from real estate investments is recognized on actual basis.

d. Account Receivable:

Accounts receivables are stated at net realizable value after adequate provision has been made for doubtful amounts. An estimate for doubtful account is made when collection of the full amount is no longer probable is written-off as incurred.

e. Accounts Payable:

Accounts payable are stated at cost. Liabilities are recognized for amounts to be paid in the future for goods or services received.

f. Inventories:

Moving average principle and includes expenditure incurred in acquiring the inventories and bringing them to their existing location and condition. Net realizable value is the estimate selling price in the ordinary course of business less the estimated cost of completion and selling expenses. Provisions are made for any obsolete and slow-moving items.

g. Fixed assets:

Fixed assets are recorded at historical cost. Depreciation is provided on a straight-line basis over the estimate useful life of the assets according to the following rates.

	%
Building	10%
Vehicles	15%
Machinery & Equipment's	15%
Furniture & Fixtures	10%
Tools & Instruments	15%



h. Employees End of Service Benefits:

Provision for employee's end of service benefits is computed in accordance with the Saudi labour regulation and accrued and charged to statement of income.

i. Receivables And Payables:

We could not get the matches balance of receivables and payables at the date of preparation of financial statements.

j. Creditor Balance:

We do not receive your authentication on debtor and creditor balance as at>



LIST OF TOOLS/EQUIPMENTS/VEHICLES

Type	Capacity	Year of Manufacture	Quantity
BUS	7T	2009	1
CAR	1T	2012	6
DOUBLE CABIN PICKUP	2T	2012	6
DUMP TRUCKS	10T	2010	2
HYDRAULIC TRUCK	10T	2010	2
WATER TANKER	10,000LITER	2010	1
HYDRAULIC CRANE	35T	2012	1
BOOM TRUCK	10T	2012	1
FRONT END LOADER	30T	2012	1
BACKHOE (JCB)	15T	2012	5
BOBCAT (Mini Loader)	2T	2012	2
LOW BED TRAILER	8T	2012	1
BUCKET TRUCK	Reach 18M	2012	1
POLE AUGER TRUCK	6T	2012	1
FORLIFT TRUCK	5 T	2012	1
PORTABLE CONCRETE MIXER	4 CUM	2012	1
CONCRETE VIBRATORS	14T	2012	1
WATER PUMP	20LTRS/Minute	2012	1
MOBILE GENERATOR	25KW	2012	1
PORTABLE DIESEL GENERATOR	25KW	2012	4
GENERATOR	50KVA	2012	1
GENERATOR	250KVA	2012	1
AIR COMPRESSOR	2T	2012	1
DIESEL WELDING MACHINE	180KVA	2012	2
ELECTRIC WELDING MACHINE	50KVA	2012	2
COMPACTOR PLATE	5.5HP	2012	2
ROLLER COMPACTOR	20T	2012	2



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

Type	Capacity	Year of Manufacture	Quantity
AIR COMPRESSOR with Jack Hammer	450CFM	2012	1
AIR COMPRESSOR for Spray Painting	600LITER	2012	1
ASPHALT CUTTER MACHINE	35RPM	2012	2
HEAVY DUTY DRILLING MACHINE	Micro Hole Dia0.3MM	2012	2
OXYGEN & ACETYLENE Cutting Set	80%	2012	1
ASSORTED POWER TOOLS	-	2012	10
BENDING MACHINE	½" to 6"	2012	2
THEODALITE	200M	2012	1
DUMPY LEVEL	Up to 122MM	2012	1
CHAIN BLOCK (Different Sizes)	10T	2012	5
HEAVY DUTY TILE CUTTING MACHINE	300MM,400MM,500MM	2012	3
DC HI-POT TEST SET	MEGGER 160KV	2012	1
MEGGER	MEGGER 5KV	2012	1
CABLE FAULT LOCATING SYSTEM	Seba KMT - Up to 34.5KV	2012	1
MEGGER	1KV	2012	3
EARTH MEGGER	5KV	2012	1
FERRULE MACHINE	20m	2012	1
HIPRESS	-	2012	4
FOOT PUMP HYDRAULIC	16sqmm up to 630sqmm	2012	2
CRIMPING TOOL (MANUAL)	16sqmm up to 120sqmm	2012	2
DIGITAL CLAMP TESTER	400A	2012	2
MULTI METER (Volt,AMP,Resistance& Continuity)	600V, 40mohms, Y	2012	2
SPLICING TOOL KIT	35sqmm to 900sqmm	2012	4
SPLICING TORCH WITH GAS CYLINDER	-	2012	3
NORMAL TORCH WITH GAS CYLINDER	-	2012	1
TROLLY FOR CABLE DRUM	40T	2012	2
CABLE ROLLERS	40T	2012	200
CABLE MESH	20mm to 200mm	2012	2
TOOL BOX (with complete tools)	50box	2012	15
ROLLING MACHINE (Insulation)	4.73Kw	2012	2
GROVING MACHINE	2"-6" steel pipe 2"-3" plastic-lining pipe	2012	3
LOCK FORMER	25MM	2012	2
DRILLING MACHINES	Max.drillingdia(mm):50;30	2012	10
DIGGER	900KG	2012	1
ROAD SAFETY BARRIER	-	2012	250
STEEL PLATE (ROAD CROSSING)	-	2012	20
MINI WALK WAY (BRIDGE)	-	2012	5
SAFETY SIGN BOARDS	-	2012	50



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

NATIONAL CONTRACTING CO. LTD.

P.O. Box 90, Al-Khobar 31952 - Saudi Arabia
Tel.: (03) 8828008 - (03) 8825700
Fax: (03) 8828127
E-mail : consdiv@ncc.com.sa



قسم الإنشاءات الكهربائية وميكانيكي
Electromechanical Construction Division

شركة المقاولات الوطنية المحدودة

ص.ب. ٩٠، الخبر ٣١٩٥٢ - المملكة العربية السعودية
تلفون : ٨٨٢٨٠٠٨ (٠٣) - ٨٨٢٥٧٠٠ (٠٣)
فاكس : ٨٨٢٨١٢٧ (٠٣)
بريد الكتروني : consdiv@ncc.com.sa

DATE:-26-11-2014

TO WHOM TO BE CONCERNED

It gives me a great pleasure to our sincere appreciation to you for your outstanding work at RAS AL-KHAIR SWCC Project (PO.NO:-35638) started from 23-Oct-2012 to 15-Aug-2013. We would like as well to give a special appreciation to WESTERN ENERGY COMPANY LTD. Al-Khobar, for outstanding quality work during the process of implementing this project.

Successfully Completed Following Scope of Work:

1. Substation Installation.
2. MV&LV Cable Termination & Splicing.
3. Power & Control Cable Laying.
4. AC/DC HI-POT & Insulation Testing.
5. Cable Fault Localization

So far we found that, the company has highly professional character. They have performed very sincerity and efficiency to doing the above scope of works. Hence we are pleased to recommend it for such types of works in future.

Thanks you for your continued interest in doing business with us.

FOR NATIONAL CONTRACTING CO. LTD





شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)



Date: - 24-11-2014
To: WESTERN ENERGY COMPANY LTD.

APPRECIATION LETTER

Subject: - Certificate for Ongoing Project (PO.NO:- 7005634 to 7005641)

This letter is appreciation from HUTA-HEGERFELD for the fine performance that WESTERN ENERGY has shown in DURRAT AL-KHOBAR Infrastructure Project. We applaud your efforts, hard work, motivation and the dedication that you shown to end up this project successfully and within the time constraints.

The scope of work to be undertaken pursuant to this letter is:

1. Installation of 13.8KV Substation with RMU unit.
2. Substation testing & commissioning.
3. Measurement and Installation of Substation grounding.
4. Installation & testing of Minipillars.
5. MV&LV Cable laying, Termination & Splicing.

We also appreciate the quality of work that WESTERN ENERGY team has done in this project. We are grateful for the expeditious team work and for the total involvement and commitment of western energy for successful completion of project.

Again we sincerely appreciate your role in the success and wish that you would keep up good work in future too.

We wish WESTERN ENERGY best of luck for its future endeavor's.


Majdi Wardi
Project Manager
Mobile 0505243724



www.hutahegerfeld.com

HUTA Hegerfeld Saudia Ltd

Tel. (+966) 12 662 3205 / 662 3154 / 682 5413 - Fax. (+966) 12 683 1838
P.O. Box 1920 Jeddah 21441 KSA E-mail: huta@huta.com.sa

شركة هوتا هيجر فيلد السعودية المحدودة

ت. ١٢ ٦٦٢ ٣٢٠٥ / ٦٦٢ ٣١٥٤ / ١٢ ٦٨٣ ١٨٣٨ - فاكس (٩٦٦) ١٢ ٦٨٣ ١٨٣٨
ص. ب. ١٩٢٠ جدة ٢١٤٤١ ك. س. البريد الإلكتروني: huta@huta.com.sa



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

شركة بترون للحديد

س.ت: ٢٠٥٥٠٠٧٥١٨

ص.ب ١٠١٦٢ مدينة الجبيل الصناعية

المملكة العربية السعودية

تلفون: ٠٣٣٤٠٨٢٢٣ - فاكس: ٠٧٥٣٧

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شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

TELEFAX MESSAGE



NATIONAL CONTRACTING COMPANY LIMITED,
(Construction Division)
P. O. Box 90, Al-Khobar 31952, Kingdom of Saudi Arabia



DATE:-26-11-2014

TO WHOM TO BE CONCERNED

It gives me a great pleasure to our sincere appreciation to you for your outstanding work at **RAS AL-KHAIR SWCC Project (PO.NO:-35638)** started from **23-Oct-2012** to **15-Aug-2013**. We would like as well to give a special appreciation to **WESTERN ENERGY COMPANY LTD.** Al-Khobar, for outstanding quality work during the process of implementing this project.

Successfully Completed Following Scope of Work:

1. Substation Installation.
2. MV&LV Cable Termination & Splicing.
3. Power & Control Cable Laying.
4. AC/DC HI-POT & Insulation Testing.
5. Cable Fault Localization

So far we found that, the company has highly professional character. They have performed very sincerity and efficiency to doing the above scope of works. Hence we are pleased to recommend it for such types of works in future.

Thanks you for your continued interest in doing business with us.



FOR NATIONAL CONTRACTING CO. LTD.



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)



سندان
SENDAN

CERTIFICATE OF APPRECIATION

Date: 10th December 2014

This is to certify that M/s. Western Energy Company Ltd, Dammam bearing commercial Registration 2051034451 has successfully completed the installation & testing work of LV and MV power cables in Yanbu Aramco Sinopec Refinery (YASREF) in Package # 3 & 4, during the period, April 2013 until October 2013 for their scope referred in the Purchase Orders.

Their Performance was outstanding on the below mentioned scope of works:

1. Cable HI-POT and Insulation Test.
2. Cable Fault Localization.
3. LV and MV Cable Termination.
4. LV and MV Cable Splicing.
5. Power and Control Cable Laying

The above scope was carried out by their skilled technicians, with the support of their equipment's and tools to our entire satisfaction.

We wish all the best for all their future ventures.

For SENDAN International Company Ltd.,

Sam Rufus J. V.

Division Manager – E & I



CC:

1. Division File
2. Procurement
3. Finance
4. QMD
5. Internal Audit



شركة سندان الدولية المحدودة سجل تجاري: ٢٠٥٥٠٠٤٢٤٤ C.R.: 2055004244 SENDAN International Company Ltd.

ص.ب ١١٠٤٩، طريق ١١٤، مدينة الجبيل الصناعية ٣١٩٦١، المملكة العربية السعودية، تلفون: ٢٤١٢٢٤٢ (٠١٢) (٧ خطوط)، فاكس: ١٢٤١ ١٢٤١ ١٢٤١ +٩٦٦
P. O. Box 11049, Tareeg 114, Jubail Industrial City 31961, Kingdom of Saudi Arabia, Tel.: (013) 341 2343 (7 Lines), Fax: +966 13 341 1288

شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

ISO

Registration Certificate:-



Certificate of Registration

This is to certify that

Western Energy Company Limited

Located at

King Abdullah Street,
Post Box-79535,
Al-Khobar-31952,
Kingdom of Saudi Arabia

conforms to the following standard for the defined scope of supply

standard

BS EN ISO 9001:2008

scope of supply

**Construction (Civil, Electrical, and Electro – mechanical) Projects,
Operation & Maintenance, Industrial & General Trading, Manufacturing and Real Estate**

Subject to the continued satisfactory operation of the management system, this certificate is valid until 17th January 2017

Date of Certification 18th January 2016
Recertification Due 17th January 2019

Certificate Number: IMS/16/WEK/1018

Signed by Dr. James H O'Geran



Verify the validity of the certificate by visiting www.ims-cert.com

This certificate is issued within IMS Reliance Limited accredited scope. The use of the accreditation mark indicates accreditation in respect of those activities covered by UKAS's accreditation certificate number 078

IMS Reliance Limited, Little Braxted Hall, Little Braxted, Essex CM8 3EU
Tel. : 01376 500068 Fax: 01376 500160 Email: info@ims-cert.com

www.ims-cert.com



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

Vendor Registration for ARAMCO

إرامكو السعودية
Saudi Aramco

Saudi Aramco 9677 (03 / 2013) MP&SD/483 -100

Acknowledgment of Saudi Aramco's Supplier Code of Conduct

(Applicable to Vendors, Manufacturers, Contractors, and Sub-Contractors)

Saudi Aramco is committed to the highest ethical and legal standards in the conduct of its business. Saudi Aramco requires all registered vendors, manufacturers, contractors and sub-contractors with which Saudi Aramco conducts business to acknowledge and agree to abide by the policies and principles set forth in the attached Saudi Aramco Supplier Code of Conduct

This Saudi Aramco Supplier Code of Conduct shall be acknowledged by all vendors, manufacturers, contractors, and sub-contractors at the time of registration or, if previously and currently registered, at the time of submitting a request for registration renewal, or submitting bids and proposals in response to Saudi Aramco's invitations and solicitations to bid.

Acknowledgement must be signed either by owners, or individuals acting as an attorney on behalf of the owner via an appropriate power of attorney that is consistent with the legal requirements of Saudi Arabia. It should be also authenticated by the relevant Chamber of Commerce.

Original acknowledgment form should be sent by express mail:

Manufacturer and vendor to: Supplier Registration Unit, North Park 1, 1st floor, Room C-A 143, Dhahran,

Contractor to: Contractor Relations & Document Control Unit, North Park 2, 1st floor, Room A-162, Dhahran

Potential or actual violations of this Code of Conduct and other ethical irregularities should be reported directly to the Saudi Aramco General Auditor by email, fax, or telephone as detailed on page 5 of this Form.

ACKNOWLEDGMENT

I, on behalf of Western Energy Company Ltd. (trading, contracting & manufacturing) hereby acknowledge and [the name of the vendor/manufacturer/contractor/sub-contractor]

agree to abide by the policies and principles of Saudi Aramco's Supplier Code of Conduct and to ensure that the employees, officers, directors, agents, representatives of

Western Energy Company Ltd. (trading, contracting & manufacturing) are aware of and shall abide by such policies and [the name of the vendor/manufacturer/contractor/sub-contractor]

principles in the process of preparing and submitting bids and proposals for Saudi Aramco work, for provision of goods and services to Saudi Aramco, and during the performance and administration of all agreements entered into with Saudi Aramco for such purposes.

Authorized Signatory Name: Fahad K. Alhajri

Signature:

Job Title: Managing Director

Date: 28/08/2014

SAP Vendor ID: 10040313

Chamber of Commerce Authentication:





شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

Vendor Registration for Saudi Electricity Company



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)



الشركة السعودية للكهرباء
Saudi Electricity Company

CONTRACTING DEPARTMENT
Room 3-106W, SEC-EOA Headquarters Building
Telephone: 86786/ Fax No. 86733
2016/08/07

MANAGER
Western Energy Company LTD for Trading
FAX NO: 0138971455

CONTRACTOR REGISTRATION UPDATE NOTICE

Gentlemen:

We are pleased to inform you that your Company has been registered with Saudi Electricity Company – Eastern Operating Area under Contractor Number **5008113**.

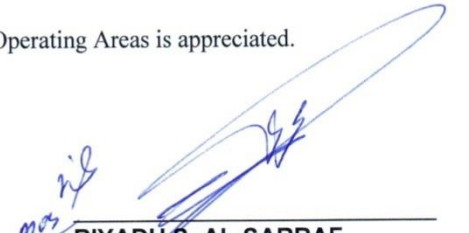
To bid on any Saudi Electricity Company projects, your Company must submit its pre-qualifications on the specific project or work announced thru our Website for any Operating Area of Saudi Electricity Company.

Your interest in Saudi Electricity Company Operating Areas is appreciated.

Very truly yours,



MOS/


RIYADH S. AL-SARRAF
Contracting Information System Support-
EOA Section Head



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسئولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

Exclusive Agent for KSA



PMW CONCRETE INDUSTRIES SDN. BHD. (692167-W)

Lot 133077, Jalan Lahat, Bukit Merah Industrial Estate,

31500 Lahat, Perak, Malaysia.

Tel: +605-321 9022, +605-323 2520 Fax: +605-321 8070

Attn : To whom it may concern

28th August 2013

REF : EXCLUSIVE AGENT FOR KSA

Reference is made to the above mentioned.

This is to confirm that **WESTERN ENERGY LTD.CO. (WENCO)**, for the purpose of **TRADING, CONTRACTING & MANUFACTURING** is our Partner and the Exclusive Agents in the Kingdom Of Saudi Arabia.

PMW CONCRETE INDUSTRIES SDN. BHD., MALAYSIA is the largest pre-stressed spun concrete pole Manufacturer in the whole of Asia – Pacific.

We have made a firm commitment to enter the KSA market to supply Pre-stressed spun concrete poles

During the first 12 months we shall be importing concrete poles from our manufacturing plants in Malaysia.

As part of our commitment, we have decided to build two manufacturing plants in the Kingdom to service the initial requirements, and more in the future.

This is to inform that **WESTERN ENERGY LTD.CO. (WENCO)** is also our partner for establishing the manufacturing plants in The Kingdom of Saudi Arabia.

المشتمل (المستند) في كوالالمبور على نسخة
الختم والتوقيع دون مسئوليتها عن المحتويات
المرتبطة : ٣٠ مشرأ ١٤٢٤

Regards,


Yusof Yeop Ahmat
Director


رئيس القسم التنفيذي
عيسى بن عبد الرحمن المالكي
Eisa A. Almalki



James S Devadason
Notary Public
Advocate & Solicitor
Maxwell Kenion Cowdy & Jones
No 31 Jalan Tun Sambanthan
30000 Ipoh Perak
Malaysia

This is to certify that the signature
appears on this document/Certificate/Marriage
Certificate/Birth/Death Certificate is that of
James S Devadason who
is.....**Notary Public**.....
The Ministry of Foreign Affairs, Malaysia is not
responsible of the accuracy of the information
contained therein.




Mohd Yusof Hassan
Consular Officer
Consular Division
Ministry of Foreign Affairs
Putrajaya Malaysia
5 SEP 2013



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

Exclusive Agent for KSA

MICROSTAR®

MICROSTAR ELECTRIC COMPANY LIMITED
30 Dajiang Road, Nanjing, 210039 China
Tel: 86 (25) 8654 4148 Fax: 86 (25) 8660 1945
www.microstarelectric.com

Exclusive Agent in the Kingdom of Saudi Arabia

Mr. Fahad K. Al-Hajri

Date: June 25th, 2016

President and Managing Director
Western Energy Company Ltd (WENCO)

We, M/s Microstar Electric Company Limited, hereby confirm that M/s Western Energy Company Ltd (WENCO) (C.R. 2051034451) is our Exclusive Agent. They are authorized to deal, bid, sell and market our Microstar digital energy (Smart) meter and associated products and services with the Saudi Electric Company (SEC) as well as private sector and government agencies in the kingdom of Saudi Arabia. The validity of the exclusive agreement is Ten (10) years. Upon completion of the agreement, it can be renewed based on mutual consent.

We hereby confirm that all material deliveries and associated services arising to WENCO's sales are of all top quality and conform to international standards (IEC).

Note: - We like to confirm that WENCO also will be our partner for establishing similar (digital meter) manufacturing in the Kingdom of Saudi Arabia.


Mr. Jirong Pan
10 Dajiang Road, Nanjing 210039, China

Chief Executive Officer
Microstar Electric Company Limited



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

Exclusive Agent for KSA

SAM HUNG ENG'G & CONSTRUCTION Co.,Ltd.

Seoul Bldg #202, 129-8 Ogum-dong, Songpa-gu, Seoul, KOREA
TEL. No. : 82-2-404-0577 FAX. No. : 82-2-404-0578 E-mail : shec-21c@shec-21c.com

ATTN. : Mr. FAHAD AL HAJRI
WESTERN ENERGY LTD CO (WENCO)

Date : Sept. 03 . 2014

Ref. : EXCLUSIVE AGENT FOR KSA.

Reference to our agreement and to our exclusive agent document where are here to confirm to you that **WESTERN ENERGY CO LTD (WENCO) C.R (2051034451)**, For the purpose of TRADING, CONTRACTING & MANUFACTURING is our partner and the exclusive agents in the kingdom of SAUDI ARABIA.

This is to inform you that WESTERN ENERGY CO LTD. (WENCO) is also partner for establishing the contracting and trading & for necessary support services to enable us to do work in the Kingdom of Saudi Arabia.

Regards,

T. H. Chung

Chung , Tai-Hung
President

SAM-HUNG Engineering & Construction Co., Ltd.

SAM-HUNG ENG'G & CONSTRUCTION CO.,LTD

R/M 202 SEOUL BLDG, 129-8 OGUM-DONG,
SONGPA-GU, SEOUL, KOREA



SAM-HUNG ENGINEERING & CONSTRUCTION CO., LTD.

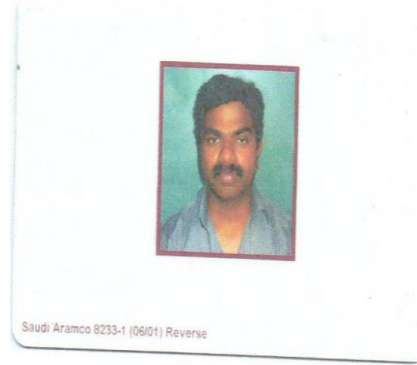


شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

POWER CABLE SPLICER CERTIFICATION CARD
Saudi Aramco 8233-1 (06/01 Front) Required by G.I.2.705

Name: Last First Middle			Employee No
Joseph Pulimughathaya T J			2260700188
Date Tested:	Expiry Date	Certificate No	
05/02/2013	05/01/2016	1372	
Holder is Capable of:			
<input checked="" type="checkbox"/> XLPE/EPR	<input type="checkbox"/> Tape Splice	<input checked="" type="checkbox"/> Kit Splice	
<input type="checkbox"/> PILC 35 Max.KV	<input type="checkbox"/> Tape Termination	<input checked="" type="checkbox"/> Kit Termination	
Certificate Type: (X) Limited () Full		Company: Western Energy Cont. Est.	
Tested By: Patrick P. <i>Patrick</i>		Approved By: M.S. Al-Hajri. <i>M.S. Al-Hajri</i>	

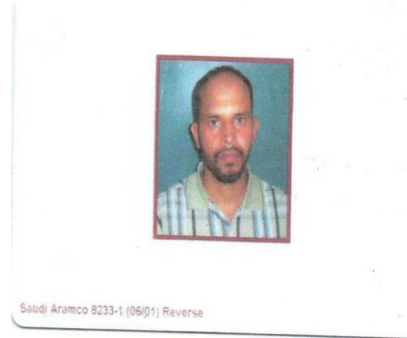
(See Photo on Reverse Side)



POWER CABLE SPLICER CERTIFICATION CARD
Saudi Aramco 8233-1 (06/01 Front) Required by G.I.2.705

Name: Last First Middle			Employee No
Anish Ahamad Ansari			2264010980
Date Tested:	Expiry Date	Certificate No	
05/02/2013	05/01/2016	1373	
Holder is Capable of:			
<input checked="" type="checkbox"/> XLPE/EPR	<input type="checkbox"/> Tape Splice	<input checked="" type="checkbox"/> Kit Splice	
<input type="checkbox"/> PILC 35 Max.KV	<input type="checkbox"/> Tape Termination	<input checked="" type="checkbox"/> Kit Termination	
Certificate Type: (X) Limited () Full		Company: Western Energy Cont. Est.	
Tested By: Patrick P. <i>Patrick</i>		Approved By: M.S. Al-Hajri. <i>M.S. Al-Hajri</i>	

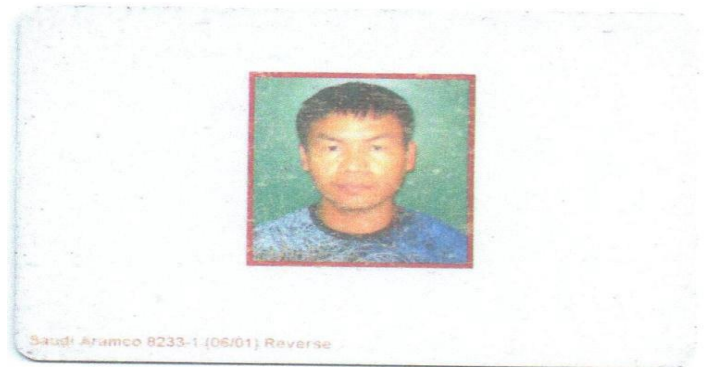
(See Photo on Reverse Side)



POWER CABLE SPLICER CERTIFICATION CARD
Saudi Aramco 8233-1 (06/01 Front) Required by G.I.2.705

Name: Last First Middle			Employee No
Bir Bahadur D K			2291056600
Date Tested:	Expiry Date	Certificate No	
05/17/2011	05/16/2014	1442	
Holder is Capable of:			
<input checked="" type="checkbox"/> XLPE/EPR	<input type="checkbox"/> Tape Splice	<input checked="" type="checkbox"/> Kit Splice	
<input type="checkbox"/> PILC 35 Max.KV	<input type="checkbox"/> Tape Termination	<input checked="" type="checkbox"/> Kit Termination	
Certificate Type: (X) Limited () Full		Company: Western Energy General Cont.	
Tested By: Patrick P. <i>Patrick</i>		Approved By: M.S. Al-Hajri. <i>M.S. Al-Hajri</i>	

(See Photo on Reverse Side)





شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

POWER CABLE SPLICER CERTIFICATION CARD
Saudi Aramco 8233-1 (06/01 Front) Required by G.I.2.705

Name: Last	First	Middle	Employee No
Mohammed Shariff Rangrez			2301782559
Date Tested:	Expiry Date:	Certificate No	
05/17/2011	05/16/2014	1443	
Holder is Capable of:			
<input checked="" type="checkbox"/> XLPE/EPR	<input type="checkbox"/> Tape Splice	<input checked="" type="checkbox"/> Kit Splice	
<input type="checkbox"/> PILC 35 Max.KV	<input type="checkbox"/> Tape Termination	<input checked="" type="checkbox"/> Kit Termination	
Certificate Type: (X) Limited () Full		Company: Western Energy General Cont.	
Tested By: Patrick. P. <i>Patrick</i>		Approved By: M.S.Al-Hajri. <i>M.S.</i>	

(See Photo on Reverse Side)



POWER CABLE SPLICER CERTIFICATION CARD
Saudi Aramco 8233-1 (06/01 Front) Required by G.I.2.705

Name: Last	First	Middle	Employee No
Mohammed Irfan			2303427211
Date Tested:	Expiry Date:	Certificate No	
05/17/2011	05/16/2014	1444	
Holder is Capable of:			
<input checked="" type="checkbox"/> XLPE/EPR	<input type="checkbox"/> Tape Splice	<input checked="" type="checkbox"/> Kit Splice	
<input type="checkbox"/> PILC 35 Max.KV	<input type="checkbox"/> Tape Termination	<input checked="" type="checkbox"/> Kit Termination	
Certificate Type: (X) Limited () Full		Company: Western Energy General Cont.	
Tested By: Patrick. P. <i>Patrick</i>		Approved By: M.S.Al-Hajri. <i>M.S.</i>	

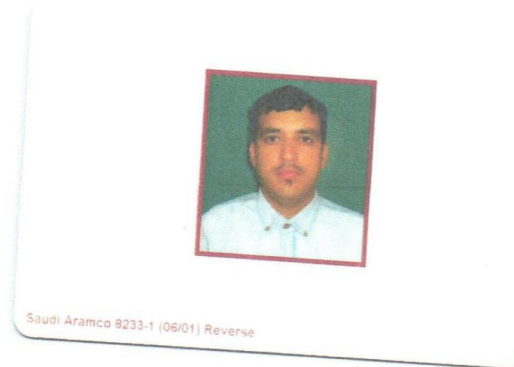
(See Photo on Reverse Side)



POWER CABLE SPLICER CERTIFICATION CARD
Saudi Aramco 8233-1 (06/01 Front) Required by G.I.2.705

Name: Last	First	Middle	Employee No
Kesab Khanal Ishwor.			2309132286
Date Tested:	Expiry Date:	Certificate No	
08/09/2012	08/08/2015	1530	
Holder is Capable of:			
<input checked="" type="checkbox"/> XLPE/EPR	<input type="checkbox"/> Tape Splice	<input checked="" type="checkbox"/> Kit Splice	
<input type="checkbox"/> PILC 35 Max.KV	<input type="checkbox"/> Tape Termination	<input checked="" type="checkbox"/> Kit Termination	
Certificate Type: (X) Limited () Full		Company: Western Energy General Cont.	
Tested By: Patrick. P. <i>Patrick</i>		Approved By: M.S. Al-Hajri. <i>M.S.</i>	

(See Photo on Reverse Side)





شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

POWER CABLE SPLICER CERTIFICATION CARD

Saudi Aramco 8233-1 (06/01 Front) Required by G.I.2.705

Name: Last First Middle	Employee No	
Ram Kumar Chaudhary.	2290922174	
Date Tested: 08/09/2012	Expiry Date: 08/08/2015	Certificate No: 1529
Holder is Capable of:		
<input checked="" type="checkbox"/> XLPE EPR	<input type="checkbox"/> Tape Splice	<input checked="" type="checkbox"/> Kit Splice
<input type="checkbox"/> PILC 35 Max.KV	<input type="checkbox"/> Tape Termination	<input checked="" type="checkbox"/> Kit Termination
Certificate Type: (X) Limited () Full	Company: Western Energy General Cont.	
Tested By: Patrick P. <i>Patrick</i>	Approved By: M.S. Al-Hajri. <i>M.S. Al-Hajri</i>	

(See Photo on Reverse Side)



Saudi Aramco 8233-1 (06/01) Reverse

POWER CABLE SPLICER CERTIFICATION CARD

Saudi Aramco 8233-1 (06/01 Front) Required by G.I.2.705

Name: Last First Middle	Employee No	
Sanju Reemi T R.	2287400846	
Date Tested: 05/02/2013	Expiry Date: 05/01/2016	Certificate No: 1561
Holder is Capable of:		
<input checked="" type="checkbox"/> XLPE EPR	<input type="checkbox"/> Tape Splice	<input checked="" type="checkbox"/> Kit Splice
<input type="checkbox"/> PILC 35 Max.KV	<input type="checkbox"/> Tape Termination	<input checked="" type="checkbox"/> Kit Termination
Certificate Type: (X) Limited () Full	Company: Western Energy Cont. Est.	
Tested By: Patrick P. <i>Patrick</i>	Approved By: M.S. Al-Hajri. <i>M.S. Al-Hajri</i>	

(See Photo on Reverse Side)



Saudi Aramco 8233-1 (06/01) Reverse

POWER CABLE SPLICER CERTIFICATION CARD

Saudi Aramco 8233-1 (06/01 Front) Required by G.I.2.705

Name: Last First Middle	Employee No	
Pradip Shahi.	2296687151	
Date Tested: 08/09/2012	Expiry Date: 08/08/2015	Certificate No: 1528
Holder is Capable of:		
<input checked="" type="checkbox"/> XLPE EPR	<input type="checkbox"/> Tape Splice	<input checked="" type="checkbox"/> Kit Splice
<input type="checkbox"/> PILC 35 Max.KV	<input type="checkbox"/> Tape Termination	<input checked="" type="checkbox"/> Kit Termination
Certificate Type: (X) Limited () Full	Company: Western Energy General Cont.	
Tested By: Patrick P. <i>Patrick</i>	Approved By: M.S. Al-Hajri. <i>M.S. Al-Hajri</i>	

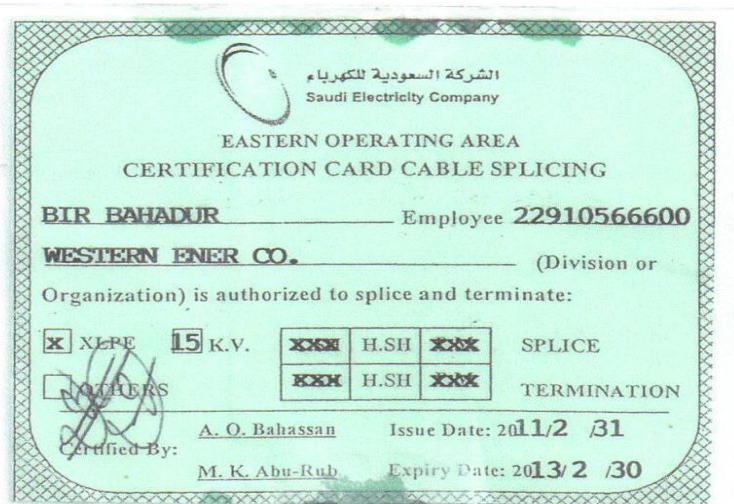
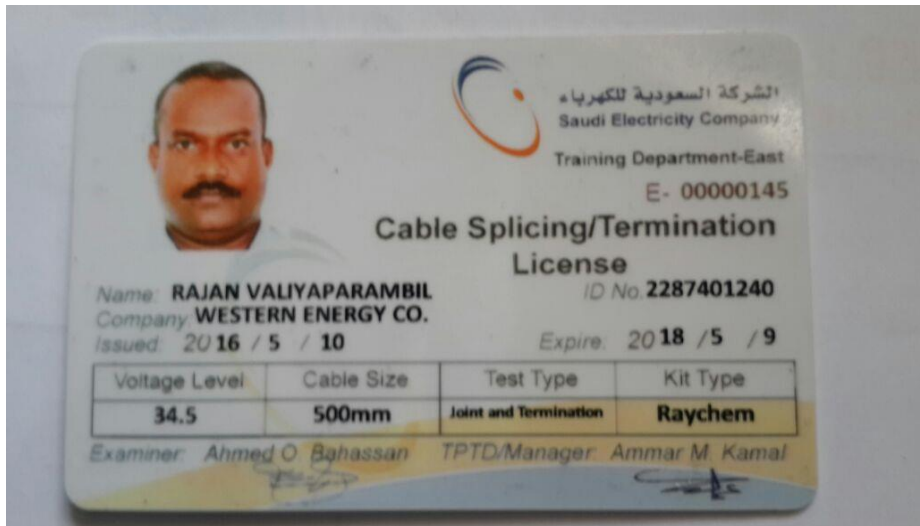
(See Photo on Reverse Side)



Saudi Aramco 8233-1 (06/01) Reverse



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسئولية محدودة
 WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)





شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسئولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

الشركة السعودية للكهرباء
Saudi Electricity Company

EASTERN OPERATING AREA
CERTIFICATION CARD CABLE SPLICING

RISON JOSE Employee **2288345321**

WESTERN ENERGY (Division or Organization) is authorized to splice and terminate:

<input checked="" type="checkbox"/> XLPE	15 k.v.	<input checked="" type="checkbox"/> H.SH	<input checked="" type="checkbox"/> SPLICE
<input checked="" type="checkbox"/> OTHERS	1kv	<input checked="" type="checkbox"/> H.SH	<input checked="" type="checkbox"/> TERMINATION

Certified By: **A. O. Bahassan** Issue Date: **2010/6/8**
M. K. Abu-Rub Expiry Date: **2012/6/7**



الشركة السعودية للكهرباء
Saudi Electricity Company

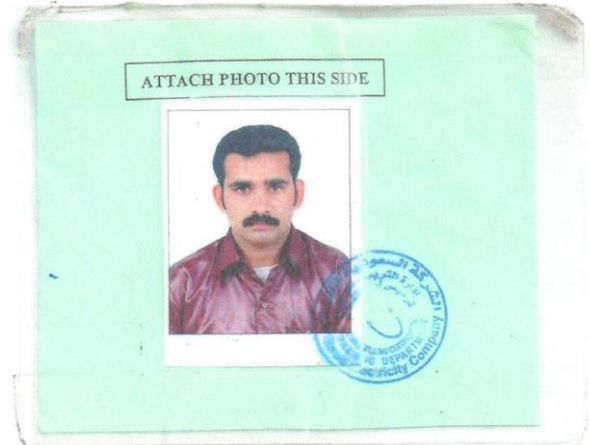
EASTERN OPERATING AREA
CERTIFICATION CARD CABLE SPLICING

MYDEEN MAPPILLAI Employee **2294645029**

WESTERN ENERGY GEN CO. (Division or Organization) is authorized to splice and terminate:

<input checked="" type="checkbox"/> XLPE	15 k.v.	<input checked="" type="checkbox"/> H.SH	<input checked="" type="checkbox"/> SPLICE
<input type="checkbox"/> OTHERS		<input checked="" type="checkbox"/> H.SH	<input checked="" type="checkbox"/> TERMINATION

Certified By: **A. O. Bahassan** Issue Date: **2011/1/1**
M. K. Abu-Rub Expiry Date: **2013/1/1**



الشركة السعودية للكهرباء
Saudi Electricity Company

EASTERN OPERATING AREA
CERTIFICATION CARD CABLE SPLICING

MOHAMMED YOUSEF BADUSA Employee **2231030723**

WESTERN ENERGY CONT EST (Division or Organization) is authorized to splice and terminate:

<input checked="" type="checkbox"/> XLPE	35 k.v.	<input checked="" type="checkbox"/> H.SH	<input checked="" type="checkbox"/> SPLICE
<input checked="" type="checkbox"/> OTHERS	1KV	<input checked="" type="checkbox"/> H.SH	<input checked="" type="checkbox"/> TERMINATION

Certified By: **A. O. Bahassan** Issue Date: **2010/2/6**
M. K. Abu-Rub Expiry Date: **2012/2/5**



KEY PERSONAL CVS



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

Name	Fahad K.AL-Hajri		
Date of Birth	24.02.1955		
Nationality	Saudi		
Position	PRESIDENT / MANAGING DIRECTOR		
EDUCATIONAL QUALIFICATIONS			
Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
Colorado University(USA)	1977	1980	BS in Economy(HONOR)
PROFESSIONAL QUALIFICATION :			
➤ Membership, Engineering and Manufacturing Committee, Arabic Union for Electricity Producers, Transmitters, and Distributors.			
➤ Membership, Material and Logistics Supply Society. KSA.			
➤ Vice President of the Steering Committee for Overall Solutions in Saudi Electric Co.			
➤ Chief, coordination Committee for services level Agreement (SLA)			
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
Name of Company	Position	From	To
1.Western Energy Company Ltd.	PRESIDENT	23.08.2013	Present
Brief Job Description :			
PRESIDENT of the company			
BUSINESS ASSIGNMENTS			
SCECO EAST/SAUDI ELECTRIC CO.		From	To
➤ SENIOR VICE PRESIDENT, GENERAL SERVICES		Jun-2005	Aug-2013
➤ SENIOR VICE PRESIDENT,DESTRIBUTION AND CUSTOMER SERVICES-EAST		Jul-2002	June-2005
➤ VICE PRESIDENT, SUPPORT SERVICES & 4 TH OPERATING AREA		June-2001	Jul-2002
➤ VICE PRESIDENT, SUPPORT SERVICES		Nov-1998	June-2001
➤ MANAGER, MATERIAL DEPARTMENT		Jan-1994	Nov-1998
➤ MANAGER, TRAINING AND EDUCATION DEPARTMENT		June1987	Mar-1994
➤ MANAGER, EMPLOYEE RELATION DEPARTMENT		June-1984	June-1987
➤ V/S ADMIN, POSITIONS, EMPLOYEE RELATION DEPARTMENT		Mar-1981	June-1984
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
Name of Company	Position	From	To
2.Saudi Electricity Company(SEC)	Senior Vice President	2002	2013
Brief Job Description :			
Leader of General Services, one of the main Business lines of Saudi Electricity Company, and supervision through the five key sectors to provide logistical support for the company (Information Technology and Telecommunication sector, Materials Sector, Facilities Sector, Transportations Sector and Industrial Security Sector)			
Participated in making the decision to implement the ENTEEPRISE RESOUSCEPLANNING (SAP SYSTEM) ERB corporate wide and planning for implementation.			
Name of Company	Position	From	To
3.Saudi Electricity Company(SEC)	Vice President	1998	2002
Brief Job Description :			
Leadership and participation in the management of work performance developing projects (Business Process Improvement) where a study has systems and procedures of the previous work and re-designed in order to achieve the best result.			



Name	V.V.Manickam		
Date of Birth	06.12.1947		
Nationality	Indian		
Position	Senior Consultant		
EDUCATIONAL QUALIFICATIONS			
Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
Madurai Kamarajar University, India	1978	1981	Master of Business Administration (M.B.A)
Universal of Madras, India	1965	1970	B.E Electrical & Electronics Engineering
PROFESSIONAL QUALIFICATION :			
➤ Undergone a certificate course in PLANNING & BUDGETING.			
➤ Undergone a certificate course in PERFORMANCE MEASUREMENTS.			
➤ Undergone a certificate course in TIMEMANAGEMENT.			
➤ Undergone a certificate course in SUPERVISORY DEVELOPMENT PROGRAM.			
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
Name of Company	Position	From	To
1.Western Energy Company Ltd.	SENIOR VICE PRESIDENT	23.08.2005	Present
Brief Job Description :			
SENIOR VICE PRESIDENT of the company			
High Voltage Electrical Contracting such as Construction of Sub Stations, Testing and Commissioning.			
BUSINESS ASSIGNMENTS			
DESCRIPTION	From	To	
➤ SUPERINTEND-OPERATION & MAINTENANCE (SEC)	JUL-2001	AUG-2005	
➤ SUPERINTEND-ENGINEERING & CONSTRUCTION(SEC)	JUN-1989	JUL-2001	
➤ ASSISTANT EXECUTIVEENGINEER (TNEB INDIA)	JAN-1986	JUL-1989	
➤ ELECTRICAL TECHNICIAN (ENGINEERING)petromin shell ref(KSA)	SEP-1984	FEB-1985	
➤ ELECTRICAL ENGINEER (Saudi Danish Technical Installation Co.Ltd(KSA)	JUN-1982	MAY-1984	
➤ ELECTRICAL ENGINEER (TNEB INDIA)	OCT-1978	JUN-1982	
Name of Company	Position	From	To
2.Saudi Electricity Company(SEC)	Superintend-operation & maintenance	2001	2005
Brief Job Description :			
Operation & Maintenance of 115KV /13.8KV Grid substation with a total of 39 numbers 13.8KV feeders and connected distribution system having 377 pad mounted distribution substations(transformer, distribution panels)735 pole mounted transformers, 1112 minipillars, 213KM underground cables(13.8KV) and 275KM low voltage cables,275 circuit KM overhead line (13.8KV), mobile generator (500KW),mobile substation (500KVA) 2 capacitor banks (13.8KV,3X300KVAR), 3reclosers (13.8KV)giving power supply to 13,200 customer in Khafji district.			
Name of Company	Position	From	To
3.Saudi Electricity Company(SEC)	Superintend-Engineering & Construction	1998	2002
Brief Job Description :			
Developing Company Short term and Long term plan i.e. Business Plan (5 years period), Operating plan (Budget for one forth comingyear). Capital Plan (5 years period), Capital Budget (for oneforthcoming year) and Distribution Network plan (5 years).Strict implementation of all Company Standards, Guidelinesand Policies. Coordination with regard to contract procurements; Preparationof bid package, attending Job explanation meeting ,site visitwith qualified Bidders; attending Bid opening; TechnicalEvaluation of Bids.			



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة

WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

Name	Mehadi Haji Javad		
Date of Birth	29.02.1948		
Nationality	Germany		
Position	Project Director		
EDUCATIONAL QUALIFICATIONS			
Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
University Of Karlsruhe, Germany	1978	1981	Consulting Engineer
PROFESSIONAL QUALIFICATION :			
➤ Flue gas treatment for radioactive spent-fuel reprocessing			
➤ Study on emission control technologies for fertilizer industry			
➤ Feasibility study for retro-fitting units 2 and 3 (2x100 MWe) with FGD plants			
➤ Preparation of technical and financial proposals for various clients			
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
Name of Company	Position	From	To
1.Western Energy Company Ltd.	Project Director	23.08.2012	Present
Brief Job Description :			
of the company			
BUSINESS ASSIGNMENTS			
DESCRIPTION		From	To
➤ VICE PRESIDENT (AF-CONSULT SWITZERLAND LTD)		JUL-2009	AUG-2012
➤ SALES MANAGER (FLÄKT INDUSTRIEANLAGEN, Germany)		JUN-2006	JUL-2009
➤ PROJECT MANAGER (FICHTNER Consulting Engineers, Germany)		NOV-2004	JUN-2006
➤ PROJECT MANAGER (MEPE, MYANMAR)		JAN-1998	NOV-2004
➤ PROJECT DIRECTOR AND BOILER EXPERT (MOEW, Beirut, Lebanon)		JUN1990	MAR-1998
➤ PROJECT DIRECTOR, QUALITY CONTROL (Electricity Of Vietnam)		JUN-1985	JUN-1990
➤ PROJECT DIRECTOR, QUALITY CONTROL (3CA Paris, France)		MAR-1979	JUN-1985
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
Name of Company	Position	From	To
2.AF-Consult Switzerland ltd	Vice President	2009	2012
Brief Job Description :			
Feasibility study for further development and extension of the existing heat and power plant Csepel in Hungary. Investigation of alternatives with coal or gas as fuel. Technical, environmental and economic investigations of selected concepts.			
Visit and investigation of four existing gas turbine and combined cycle power plants in Rangoon Region, assessment of the technical and operational conditions of the visited plants, technical and economical investigation for installation of a new 450 MW combined cycle power plant.			
Name of Company	Position	From	To
3.Electricity Of Vietnam	Project Director QC	1985	1990
Brief Job Description :			
Review and assessment of existing feasibility study, EPC tender documents, tendering process, tender evaluation, support during contract negotiations and contract document preparation, approval of engineering documents, quality control and workshop inspections, site management and supervision of construction, commissioning and trial run operation, staff training			
Site visit and data collection, plant conceptual design (combined cycle plant and heat only boilers), bankable feasibility study and EPC and LTSA tender documents			



Name	Jerry TiadPiamonte			
Date of Birth	30.04.1971			
Nationality	Filipino			
Position	Senior Electrical & Communication Engineer			
Date of Birth	31.05.1988			
EDUCATIONAL QUALIFICATIONS				
Name of School/College/University/Institution	Indian	Year Attended	Qualification	
	Support Service	Manager	Certificate/Diploma/Degree	
University of the Immaculate Conception, davao city, Philippines		1999	2004	Master of Arts in Electronics & Communication Engineering (MAEE-ECE) Certificate/Diploma/Degree
MATS college of technology, davao city, Philippines		1992	1997	B.Sc. in Electrical Engineering
Anna University, India		2007	2010	B.E Electrical Engineering
Alagappa University, India		2005	2007	Diploma Electrical
PROFESSIONAL QUALIFICATION :				
PROFESSIONAL QUALIFICATION Installation, Splicing and Standards.				
<ul style="list-style-type: none"> Undergone a certificate course in PIC Microcontroller Programming and Assembly & BUDGETING. Computer Networking with IPv4 sub-netting and structured Cabling. Undergone a certificate course in PERFORMANCE MEASUREMENTS. Undergone a certificate course in Cabling Test Technician Course (CCTT). Undergone a certificate course in TIME MANAGEMENT. Undergone a certificate course in SUPERVISORY DEVELOPMENT PROGRAM. 				
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)				
Name of Company	Position	From	To	
1. Western Energy Company	Engineer		Present	
Brief Job Description	Position	From	To	
Fiber optics hands-on Training in Termination, Splicing and Standards, PIC Microcontroller Programming and Assembly.				
Western Energy Company Ltd.	Support Service Manager	2010	Present	
Computer Networking with IPv4 sub-netting and structured Cabling, Undergone a certificate course in Cabling Test Technician Course (CCTT)				
Support Service Manager of the company				
High Voltage Electrical Contracting	DESCRIPTION	Construction of Sub Stations, Testing and Commissioning.	To	
2. Business Sector	DESCRIPTION	Communication Engineer (WENCO)	Aug-2015	
Telecom project Engineer and Manager			Nov-2009	
Electronics and Telecommunication Lab Technician (TATI), OMAN			DEC-2008	
Power System of network Karnataka city (Central)			JUL-2010	
Engineering Instructor (University of Southern Mindanao)			JUN-2005	
Instructor (AMA Computer College)			JUL-2000	
Engineering Instructor and Head of the ECE Department (MATS college of technology)			Nov-1998	
Power System of network	Engineer	JUL-2010	OCT-2010	
Karnataka city (Central)	Position	From	To	
2. Brief Job Description :	Electronics and Telecommunication Lab Technician (TATI) OMAN	DEC-2008	JUL-2009	
Operation & Maintenance of 115KV /13.8KV Grid substation with a total of 39 numbers 13.8KV feeders and connected distribution system having 377 pads mounted distribution substations (transformer, distribution panels) 735 pole mounted transformers.				
Undergone a certificate course in Cabling Test Technician Course (CCTT), conduct project site, Cisco Router and switches configuration, Wireless Access points and controller configuration (Cisco, Aruba, Net gear linksys), Fluke network testing and certifications both Copper and Fiber (Fluke DTX-1800 Cable Analyzer And Omni Scanner 2 Micro test).				
3. Developing Company Short term and Long term plan i.e. Business Plan (5 years period) Operating plan (Budget for one forthcoming year) Capital Plan (5 years period) Capital Budget (for one forthcoming year) and Distribution Network plan (5 years). Strict implementation of all Company Standards, Guidelines and Policies.				
Coordination with regard to contract procurements, Preparation of bid package, attending Job explanation meeting, site visit with qualified bidders, attending bid opening, Technical Evaluation of Bids.				



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Name	Rustam Ali Ahmad		
Date of Birth	04.03.1991		
Nationality	Nepalese		
Position	Electrical Engineer		
Date of Birth	20.10.1990		
Nationality	Nepalese		
EDUCATIONAL QUALIFICATIONS			
Name of School/College/Institution	Position	Year Attended	Qualification
EDUCATIONAL QUALIFICATIONS			
Name of School/College/Institution	Year Attended	2011	2015
University/Institution	From	To	Qualification
PROFESSIONAL QUALIFICATION :			
> Bangalore-76, India	2009	2013	Graduate Civil Engineer
> Undergone a certificate course in Total Quality Management.			
> Standard design software (Ampere, Diacavi).			
PROFESSIONAL QUALIFICATION :			
> Procurement assistance, review of drawings, inspection and testing at vendor's works.			
> Undergone various certificate courses, erection details and sketches.			
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
> Procurement assistance, review of drawings, inspection and testing at vendor's works.			
Name of Company	Position	From	To
1. Western Energy Company Ltd.	Electrical Engineer	01.09.2015	Present
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
Name of Company	Position	From	To
1. Western Energy Company Ltd.	Civil Engineer	June-2016	Present
2. Raj Devi Bhakta Construction Pvt. Ltd	Contract Engineer	Aug.-2015	Apr.-2016
3. AQ Builders & Architect	Site Engineer	Oct-2014	June-2015
4. Himal Steel Co. (PVT) Ltd	Design Engineer	JAN-2015	AUG-2015
Brief Job Description :-			
Electrical Engineer (BOKARO THERMAL PLANT, INDIA)			
TRAINING			
APR-2014			
SEP-2014			
CIVIL ENGINEER of the company			
BUSINESS ASSIGNMENTS			
Name of Company	Position	From	To
2. Bokaro Thermal Plant, India	Electrical Engineer (training)	APR-2014	SEP-2014
1. Western Energy Company Ltd.	Civil Engineer	June-2016	Present
Brief Job Description :-			
Installation of Air and oil circuit breakers, MCC system and change over UPS panels in respect of MV/LV Distribution System, Cable duct Banks. Preparation of punch list, of various electrical systems for under taken by M/S. ANSALDO, MHI, SNAMPROGET II and TOCHINT.			
Name of Company	Position	From	To
1. Raj Devi Bhakta Construction Pvt. Ltd	Contract Engineer	Aug.-2015	Apr.-2016
Brief Job Description :-			
All types of Transformer make like MHI, ABB, ANSALDO, SIEMENS of capacity 100MVA - 13.8/34.5kv, 90MVA - 13.8KV/380KV 60HZ and 63MVA 34.5/13.8KV, 10MVA 13.8kv/4.16kv/480v of oil filled ONAN/ONAF and 4.16kv/480v of SF6 Type.			
Handling of the contract (Bidding, preparation of running bills) as well as to prepare the construction drawings as per the standard and get it approved from the respective body.			
Name of Company	Position	From	To
3. Himal Steel Company Ltd, Nepal	Electrical Engineer	APR-2015	AUG-2015
Brief Job Description :-			
3. AQ Builders & Architect, Bangalore, India			
Site Engineer			
Oct-2014			
June-2015			
Brief Job Description :-			
Maintenance of Transformers and all type Breakers (110kv, 3.3kv & 480v SF6, ACB, OCB) of make BHEL, CROMPTON, TOSHIBA, and TATA MERLIN GERIN. Maintenance of UPS, Rectifiers and MCC' s of "SIEMENS MAKE". Involved in construction and commissioning of electrical installation related to the same at site and preparation of running and final bill as per work done.			
Preparation of construction drawings as per requirements as well as executing Power Generation Distribution System.			
Name of Company	Position	From	To
4. Himal Steel Engineering Consultancy, Simara, Nepal	Electrical Engineer	July-2013	Termination-2014
Brief Job Description :-			
Responsible for pre-turnover and turnover inspection of all electrical equipment especially in substation (115kv, 34.5kv, 19.8kv and 480v) duct banks, HDV/LV distribution system termination with Royal Commission field engineers. Pre-commissioning tests of Power Transformers, Breakers, and Protective relays, CT, PT and Meters.			



Name	Mohammad Noorullah		
Date of Birth	25.08.1983		
Nationality	Indian		
Position	Procurement Specialist		
EDUCATIONAL QUALIFICATIONS			
Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
Vinayak Mission University	2008	2011	Bachelor of Commerce
PROFESSIONAL QUALIFICATION :			
➤ Experience as a Procurement Specialist for Five years			
Name of Company			
Position			
From			
To			
1. Western Energy Company Ltd.			
Procurement Specialist			
MAR 2013			
Present			
Brief Job Description :			
Procurement Specialist of the company			
DESCRIPTION			
DESCRIPTION		From	To
➤ Procurement In-Charge ,Dammam Al DAMEGH houses Factory		FEB-2010	JAN-2013
➤ Procurement Executive, E-Budget computers ,Karnataka, India		FEB-2008	FEB-2010
		OCT-1978	JUN-1982
Name of Company			
Position			
From			
To			
2. Al DAMEGH houses Factory			
Procurement In-Charge			
2010			
2013			
Brief Job Description :			
Responsible for order placement timing, Projecting stock levels, Reviewing tenders and bids, Delivering cost savings for the company. Preparing High quality tender documentation, keeping all suppliers programs current and accurate.			
Name of Company			
Position			
From			
To			
3. E-Budget computers ,Karnataka, India			
Procurement Executive			
2008			
2010			
Brief Job Description :			
Controlling the purchasing budget, Developing sources strategies , Delegating Projects and tasks to junior staff, Managing commodity cost initiatives, Perform other duties as may be assigned.			



Name	ChanakaBasnayake		
Date of Birth	11.01.1974		
Nationality	Srilankan		
Position	Finance/Admin Manager		
EDUCATIONAL QUALIFICATIONS			
Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
University of Colombo, Sri Lanka	1994	1998	Bachelor of Commerce
PROFESSIONAL QUALIFICATION :			
➤ Undergone a certificate course in PLANNING & BUDGETING.			
➤ Undergone a certificate course in PERFORMANCE MEASUREMENTS.			
➤ Undergone a certificate course in TIME MANAGEMENT.			
➤ Undergone a certificate course in SUPERVISORY DEVELOPMENT PROGRAM.			
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
Name of Company	Position	From	To
1.Western Energy Company Ltd.	Finance/Admin Manager	2010	Present
Brief Job Description :			
Finance/Admin Manager of the company			
DESCRIPTION			
➤ MANAGEMEN T ON M/S SOLEX ENGINEERING PVT LTD. SRI LANKA		APR-2008	JUN-2010
➤ MANAGEMENT ACCOUNT M/S WONDER LIGHT CONSUMER PRODUCT CO LTD. SRI LANKA		MAR-2006	MAR-2008
Name of Company	Position	From	To
2. M/S SOLEX ENGINEERING PVT LTD. SRI LANKA	MANAGEMEN	2008	2010
Brief Job Description :			
Effective Financial Management & Control, Strategic Planning & budgeting, Treasury Management , Auditing, Financial Information system/Reporting,			
Name of Company	Position	From	To
3. M/S WONDER LIGHT CONSUMER PRODUCT CO LTD. SRI LANKA	MANAGEMENT ACCOUNT	2006	2008
Brief Job Description :			
Developing Company Short term and Long term plan i.e. Business Plan (5 years period), Operating plan (Budget for one forth coming year). Capital Plan (5 years period), Capital Budget (for one forthcoming year) and Distribution Network plan (5 years). Strict implementation of all Company Standards, Guidelines and Policies.			



Coordination with regard to contract procurements ;Preparation of bid package ,attending Job explanation meeting ,site visit with qualified Bidders; attending Bid opening; Technical Evaluation of Bids, Entire Financial and Cost Accounting Function in the Company.

Name	Marciano S. River JR.
Date of Birth	13.04.1968
Nationality	Filipino
Position	Project Manager

EDUCATIONAL QUALIFICATIONS

Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
University of Baguio, Philippines	1986	1992	BSCE, Graduate With Diploma
Bacnotan National High School, Philippines	1981	1985	High School, Graduate with Diploma

PROFESSIONAL QUALIFICATION :

- Undergone a certificate course in PLANNING & BUDGETING.
- Undergone a certificate course in PERFORMANCE MEASUREMENTS.
- Undergone a certificate course in TIMEMANAGEMENT.
- Undergone a certificate course in SUPERVISORY DEVELOPMENT PROGRAM.

WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)

Name of Company	Position	From	To
1.Western Energy Company Ltd.	Project Manager Civil Estimator	Jan-2010	Present

Brief Job Description :

Review Bid Proposal, Specification, Drawing & determine scope of work & contents of estimate

DESCRIPTION	From	To
➤ CIVIL ENGINEER ESTIMATOR & QC-CIVIL INSPECTOR (AL QAHTANI-FISK(AQF)	MAY-2007	DEC-2009
➤ PROJECT EINGINEER (MIESCOR BUILDERS INCORPORATED(MBI)	JAN-1996	MAY-2007
➤ PROJECT COST ENGINEER (MERALCO INDUSTRIAL ENGINEERING SERVICES INCORPORATED (MIESCOR)	OCT-1993	DEC-1995
➤ LEADMAN(ATLANTIC GULF AND PACIFIC COMPANY OF MANILA INCORPORATION(AG&P)	JAN-1993	MAY-1993

Name of Company	Position	From	To
2. AL QAHTANI-FISK(AQF)	CIVIL ENGINEER ESTIMATOR & QC-CIVIL INSPECTOR	MAY-2007	DEC-2009

Brief Job Description :

Civil Engineer Estimator, Site engineer, civil- QC Inspector for the construction, manage the construction of communication Equipments building GSOP.

To ensure that the product is created/constructed/installed to meet the minimum requirements stated in the SAUDI ARAMCO standards, procedures and specific project needs.

Name of Company	Position	From	To
3 MIESCOR BUILDER INCORPORATED(MBI)	PROJECT EINGINEER	JAN-1996	MAY-2007



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Brief Job Description :
Developing Company Short term and Long term plan i.e. Business Plan (5 years period), Operating plan (Budget for one forth coming year). Capital Plan (5 years period), Capital Budget (for oneforthcoming year) and Distribution Network plan (5 years).Strict implementation of all Company Standards, Guidelinesand Policies.
Coordination with regard to contract procurements ;Preparation of bid package ,attending Job explanation meeting ,site visitwith qualified Bidders; attending Bid opening; TechnicalEvaluation of Bids.

Name	Menard j. Cabute
Date of Birth	18.09.1986
Nationality	Filipino
Position	Civil Engineer/ Estimator

EDUCATIONAL QUALIFICATIONS

Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
Nueva Ecija university Science & Technology, Philippines	2001	2004	Bachelor of science in Civil Engineer

PROFESSIONAL QUALIFICATION :

- Undergone a certificate course in PLANNING & BUDGETING.
- Undergone a certificate course in PERFORMANCE MEASUREMENTS.
- Undergone a certificate course in TIMEMANAGEMENT.
- Undergone a certificate course in SUPERVISORY DEVELOPMENT PROGRAM.

WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)

Name of Company	Position	From	To
1.Western Energy Company Ltd.	Civil Engineer	AUG-2014	Present

Brief Job Description :

Review Bid Proposal, Estimator for various projects, Specification, Drawing & determine scope of work & contents of estimate.

DESCRIPTION	From	To
➤ PROJECT INSPECTOR IN-CHARGE (MULTITECH CONSTRUCTION AND MANAGEMENT CORPORATION)	SEP-2007	MAY-2011
➤ SAFETY ENGINEER (AL RUSHAID CONSTRUCTION CORPORATION)	MAY-2011	NOV-2012

Name of Company	Position	From	To
2. MULTITECH CONSTRUCTION AND MANAGEMENT CORPORATION	PROJECT INSPECTOR IN-CHARGE	SEP-2007	MAY-2011

Brief Job Description :

Civil Engineer Estimator, Site engineer, civil- QC Inspector for the construction, manage the construction of communication Equipments building GSOP.

To ensure that the product is created/constructed/installed to meet the minimum requirements stated in the SAUDI ARAMCO standards, procedures and specific project needs.

Name of Company	Position	From	To
3 AL RUSHAID CONSTRUCTION CORPORATION	SAFETY ENGINEER	MAY-2011	NOV-2012

Brief Job Description :

Developing Company Short term and Long term plan i.e. Business Plan (5 years period), Operating plan (Budget for one forth coming year). Capital Plan (5 years period), Capital Budget (for oneforthcoming year) and Distribution Network plan (5 years).Strict implementation of all Company Standards, Guidelinesand Policies.



Name	Shaikh Mohammed Sadiq		
Date of Birth	14.01.1985		
Nationality	Indian		
Position	Civil Engineer/ QA-QC		

EDUCATIONAL QUALIFICATIONS

Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
University -VTU(Belgaum)		2009	B.Sc. in Civil Engineer

PROFESSIONAL QUALIFICATION :

- Undergone a certificate course in PLANNING & BUDGETING.
- Undergone a certificate course in PERFORMANCE MEASUREMENTS.
- Undergone a certificate course in TIMEMANAGEMENT.
- Undergone a certificate course in SUPERVISORY DEVELOPMENT PROGRAM.

WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)

Name of Company	Position	From	To
1.Western Energy Company Ltd.	Civil Engineer	NOV-2011	Present

Brief Job Description :

Review Bid Proposal, Estimator for various projects, Specification, Drawing & determine scope of work & contents of estimate.

DESCRIPTION	From	To
➤ ESTIMATION EXECUTIVE & CONTRACTS (RUSTOMJEE EVERSHINE JOINT VENTURE)	DEC-2010	NOV-2011
➤ QSD ENGINEER(MEET CORPORATION)	JUL-2010	DEC-2010

Name of Company	Position	From	To
2. RUSTOMJEE EVERSHINE JOINT VENTURE	ESTIMATION EXECUTIVE & CONTRACTS	DEC-2010	NOV-2011

Brief Job Description :

Civil Engineer Estimator, Site engineer, civil- QC Inspector for the construction, manage the construction of communication Equipments building GSOP, Architect, Audit.

To ensure that the product is created/constructed/installed to meet the minimum requirements stated in the SAUDI ARAMCO standards, procedures and specific project needs.

Name of Company	Position	From	To
3 MEET CORPORATION	QSD ENGINEER	JUL-2010	DEC-2010

Brief Job Description :

Developing Company Short term and Long term plan i.e. Business Plan (5 years period), Operating plan (Budget for one forth coming year). Capital Plan (5 years period), Capital Budget (for one for the coming year) and Distribution Network plan (5 years).Strict implementation of all Company Standards, Guide lines and Policies.



Coordination with regard to contract procurements ;Preparation of bid package ,attending Job explanation meeting ,site visit with qualified Bidders, attending Bid opening, Technical Evaluation of Bids.

Name	LitocanillasJuson		
Date of Birth	16.06.1970		
Nationality	Filipino		
Position	Electrical Engineer		
EDUCATIONAL QUALIFICATIONS			
Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
University of Negros Occidental- Recoletos	1987	1992	B.Sc. in Electrical Engineer
PROFESSIONAL QUALIFICATION :			
➤ Undergone a certificate course in PLANNING & BUDGETING.			
➤ Undergone a certificate course in PERFORMANCE MEASUREMENTS.			
➤ Undergone a certificate course in TIMEMANAGEMENT.			
➤ Undergone a certificate course in SUPERVISORY DEVELOPMENT PROGRAM.			
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
Name of Company	Position	From	To
1.Western Energy Company Ltd.	Electrical Site Supervisor	2011	Present
Brief Job Description :			
High Voltage Electrical Contracting such as Construction of Sub Stations, Testing and Commissioning, Electrical drawings.			
DESCRIPTION		From	To
➤ ELECTRICAL ENGINEER (AL-ARRAB CONTRACTING COMPANY, RIYADH,KSA)		FEB-2009	SEP-2010
➤ ELECTRICAL ENGINEER (KINGDOM HOSPITAL, RIYADH,KSA)		JUN-2008	DEC-2008
➤ PRODUCTION SUPERVISOR(TRADEWIND ESTATES/EMPERADOR STA. ROSA CITY,LEGUNA, PHILIPPINES)		MAY-1997	DEC-2002
➤ MAINTENANCE ENGINEER (ELTA INDUSTRIES INCORPORATED MAKATI CITY,PHILIPPINES)		JUL-1993	MAY-1997
Name of Company	Position	From	To
2. AL-ARRAB CONTRACTING COMPANY, RIYADH,KSA)	ELECTRICAL ENGINEER	FEB-2009	SEP-2010
Brief Job Description :			
Operation & Maintenance of 115KV /13.8KV Grid substation with a total of 39 numbers 13.8KV feeders and connected distribution system having 377 pads mounted distribution substations (transformer, distribution panels) 735 pole mounted transformers.			



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213KM underground cables (13.8KV) and 275KM low voltage cables, 275 circuit KM over head line (13.8KV), mobile generator (500KW), mobile substation (500KVA) 2 capacitor banks (13.8KV, 3X300KVAR), re-closers (13.8KV).

Name of Company	Position	From	To
3 . KINGDOM HOSPITAL, RIYADH, KSA	ELECTRICAL ENGINEER	JUN-2008	DEC-2008
Brief Job Description :			
Developing Company Short term and Long term plan i.e. Business Plan (5 years period), Operating plan (Budget for one forth coming year). Capital Plan (5 years period), Capital Budget (for one forth coming year) and Distribution Network plan (5 years). Strict implementation of all Company Standards, Guidelines and Policies.			
Coordination with regard to contract procurements ; Preparation of bid package , attending Job explanation meeting , site visit with qualified Bidders; attending Bid opening; Technical Evaluation of Bids.			



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Name	Carmelito Butlig C.
Date of Birth	23.02.1982
Nationality	Filipino
Position	Project & Service Engineer

EDUCATIONAL QUALIFICATIONS

Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
University of Bohol, Tagbilaran City, Bohol	2005	2007	Bachelor of science in Electrical engineering

PROFESSIONAL QUALIFICATION :

- KWH Meter Installation.
- PQA & AMR Cabling and Estimating Materials.
- Failsafe Installation.
- TVSS Installation.

WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)

Name of Company	Position	From	To
1. Western Energy Company Ltd.	Project & Service Engineer		Present

Brief Job Description :

KWH Meter Installation, PQA, AMR Cabling and Estimating Materials, Failsafe Installation, TVSS Installation.

Installation of AMR metering system Retrofitting (3 phases, 1 phase, EDAT).

DESCRIPTION	From	To
➤ Project & Service Engineer(WENCO)		Present

Brief Job Description: In SM City Clark Pampanga, city Cagayan de Oro, city Lucena.

KWH Meter Installation, PQA, AMR Cabling and Estimating Materials, Failsafe Installation, TVSS Installation.

Installation of AMR metering system Retrofitting (3 phase, 1 phase, EDAT).

Brief Job Description :

Developing Company Short term and Long term plan i.e. Business Plan (5 years period), Operating plan (Budget for one forth coming year). Capital Plan (5 years period), Capital Budget (for one forth coming year) and Distribution Network plan (5 years). Strict implementation of all Company Standards, Guidelines and Policies.

Coordination with regard to contract procurements ;Preparation of bid package ,attending Job explanation meeting ,site visit with qualified Bidders; attending Bid opening; Technical Evaluation of Bids.



Name	Valdevia Gilbert F.		
Date of Birth	19.08.1985		
Nationality	Filipino		
Position	Project & Service Engineer		
EDUCATIONAL QUALIFICATIONS			
Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
Amang Rodriguez Institute of Science and Technology , Sampaloc Manila	2002	2007	Bachelor of science in Electrical engineering
PROFESSIONAL QUALIFICATION :			
➤ Experience in power Quality Analysis and Solution.			
➤ PQA & AMR Cabling and Estimating Materials, Wire Installation and trouble shooting.			
➤ Knowledge in Equipment Preventive/Predictive Maintenance.			
➤ TVSS Installation & Knowledge in AutoCAD 2012/2013.			
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
Name of Company	Position	From	To
1.Western Energy Company Ltd.	Project & Service Engineer		Present
Brief Job Description :			
KWH Meter Installation, PQA, AMR Cabling and Estimating Materials, Failsafe Installation, TVSS Installation, Knowledge in Equipment Preventive/Predictive Maintenance, Knowledge in Equipment Preventive/Predictive Maintenance.			
Installation of AMR metering system Retrofitting (3 phases, 1 phase, EDAT).			
DESCRIPTION	From	To	
➤ Project & Service Engineer(WENCO)		Present	
Brief Job Description: In SM City San Lazaro, city Cyber West, city Ecom Centre.			
KWH Meter Installation, PQA, AMR Cabling and Estimating Materials, Failsafe Installation, TVSS Installation, Knowledge in Equipment Preventive/Predictive Maintenance, Knowledge in Equipment Preventive/Predictive Maintenance.			
Installation of AMR metering system Retrofitting (3 phase, 1 phase, EDAT), and TMR software.			
Brief Job Description :			
Developing Company Short term and Long term plan i.e. Business Plan (5 years period), Operating plan (Budget for one forth coming year). Capital Plan (5 years period), Capital Budget (for oneforthcoming year) and Distribution Network plan (5 years).Strict implementation of all Company Standards, Guidelinesand Policies.			
Coordination with regard to contract procurements ;Preparation of bid package ,attending Job explanation meeting ,site visitwith qualified Bidders; attending Bid opening; TechnicalEvaluation of Bids.			



Name	Marion A. Balanay		
Date of Birth	02.06.1980		
Nationality	Filipino		
Position	AMR & Service Engineer		
EDUCATIONAL QUALIFICATIONS			
Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
Central College of the Philippines, 52Aurora Blvd, Quezon city	1998	2004	Bachelor of Science in Electronics & Communication Engineering
PROFESSIONAL QUALIFICATION :			
➤ Experience in power Quality Analysis and Solution.			
➤ PQA & AMR Cabling and Estimating Materials, Wire Installation and trouble shooting.			
➤ Knowledge in Equipment Preventive/Predictive Maintenance.			
➤ TVSS Installation & Knowledge in AutoCAD 2012/2013.			
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
Name of Company	Position	From	To
1.Western Energy Company Ltd.	AMR & Service Engineer		Present
Brief Job Description :			
KWH Meter Installation, PQA, AMR Cabling and Estimating Materials, Failsafe Installation, TVSS Installation, Knowledge in Equipment Preventive/Predictive Maintenance, Knowledge in Equipment Preventive/Predictive Maintenance.			
Installation of AMR metering system Retrofitting (3 phases, 1 phase, EDAT).			
DESCRIPTION		From	To
➤ Project & Service Engineer(WENCO)			Present
Brief Job Description: In SM City San Lazaro, city Cyber West, city Ecom Centre.			
KWH Meter Installation, PQA, AMR Cabling and Estimating Materials, Failsafe Installation, TVSS Installation, Knowledge in Equipment Preventive/Predictive Maintenance, Knowledge in Equipment Preventive/Predictive Maintenance.			
Installation of AMR metering system Retrofitting (3 phase, 1 phase, EDAT), and TMR software.			
Brief Job Description :			
Developing Company Short term and Long term plan i.e. Business Plan (5 years period), Operating plan (Budget for one forth coming year). Capital Plan (5 years period), Capital Budget (for oneforthcoming year) and Distribution Network plan (5 years).Strict implementation of all Company Standards, Guidelinesand Policies.			
Coordination with regard to contract procurements ;Preparation of bid package ,attending Job explanation meeting ,site visitwith qualified Bidders; attending Bid opening; TechnicalEvaluation of Bids.			



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

Name	Bishal Kumar		
Date of Birth	03.12.1993		
Nationality	Nepalese		
Position	Document Controller		
EDUCATIONAL QUALIFICATIONS			
Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
National Academy , Birgunj , Nepal	2012	2015	Bachelor in Business Studies(B.B.S)
PROFESSIONAL QUALIFICATION :			
➤ Undergone in Document Controller.			
➤ Procurement assistance, review of drawings, inspection of all document of the company.			
WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)			
Name of Company	Position	From	To
1.Western Energy Company Ltd.	Document controller	12.06.2016	Present
Brief Job Description :			
DOCUMENT CONTROLLER (TRADING, MANUFACTURING AND CONTRACTING) of the company			
BUSINESS ASSIGNMENTS			
DESCRIPTION		From	To
➤ Marketing Executive (MICO BOSS REGIONAL DEALER		May 2015	June-2016
Brief Job Description :			
Good knowledge in Operating software like Windows XP, Windows 7 & 8. Proficiency in MS Word, MS Excel. Accounting, Controlling documents, maintaining all the detail of company, marketing skills.			
Name of Company	Position	From	To
➤ MICO BOSS REGIONAL DEALER	Marketing Executive	May 2015	June-2016
Brief Job Description :			
Good knowledge in Operating software like Windows XP, Windows 7 & 8. Proficiency in MS Word, MS Excel. Accounting, Controlling documents, maintaining all the detail of company, marketing skills.			



شركة الطاقة الغربية للتجارة والمقاولات والصناعة ذات مسؤولية محدودة
WESTERN ENERGY COMPANY LTD. (TRADING, CONTRACTING & MANUFACTURING)

Name	RajanValiyaparambil
Date of Birth	03.12.1972
Nationality	Indian
Position	Senior Supervisor

EDUCATIONAL QUALIFICATIONS

Name of School/College/ University/Institution	Year Attended		Qualification Certificate/Diploma/Degree
	From	To	
Kerala University	1991	1994	High Diploma /Electrical

WORK EXPERIENCES (LIST FROM CURRENT TO FIRST)

Name of Company	Position	From	To
1.Western Energy Company Ltd.	Senior Supervisor	2008	Present

Brief Job Description :

Senior Supervisor of the company

High Voltage Electrical Contracting such as Construction of Sub Stations, Testing and Commissioning.

BUSINESS ASSIGNMENTS

DESCRIPTION	From	To
➤ Supervisor (RAK ARABIA CO.LTD)	2005	2008

Name of Company	Position	From	To
Tamil Nadu Electricity Board	Senior Foreman	1997	2005

Brief Job Description :

Operation & Maintenance of 115KV /13.8KV Grid substation with a total of 39 numbers 13.8KV feeders and connected distribution system having 377 pad mounted distribution substations (transformer, distribution panels)735 pole mounted transformers.

213KM underground cables(13.8KV) and 275KM low voltage cables,275 circuit KM over head line (13.8KV), mobile generator (500KW),mobile substation (500KVA) 2 capacitor banks (13.8KV,3X300KVAR), re-closers (13.8KV)giving power supply to 13,200 customer in Khafji district.

Brief Job Description :

Coordination with regard to contract procurements ;Preparation of bid package ,attending Job explanation meeting ,site visitwith qualified Bidders; attending Bid opening; TechnicalEvaluation of Bids.