



PLC

Power Lines Contracting

COMPANY
PROFILE



MAKING DREAMS
COME TO LIFE

OUR VISION



To be a leading company in engineering, construction, and project management organization by achieving extraordinary results for our customers

OUR VALUES



Ethics

We are uncompromising in our integrity, honesty, and fairness.

Safety & Health

We are relentless in keeping people safe from harm, and we provide a healthy work environment.

Quality

We are passionate about excellence and doing our work right the first time. Our reputation depends on our delivered value in the eyes of every customer.

People

We inspire each other with important work full of purpose, challenging development opportunities, and rewarding careers.

Culture

We actively build a diverse, inclusive, and collaborative work environment where all views are welcomed, and teamwork and merit are cornerstones. We are proud of what we do and how we do it and we enjoy doing it!

Relationships

We build positive, long-term relationships with our customers, joint-venture partners, subcontractors, suppliers, and colleagues that are built on trust, respect, and collaboration.

- Innovation

We develop and apply world-class technology. We listen, learn, and seek out the best ideas.

OUR STRATEGIC GOALS



- To obtain customer satisfaction.
- To adopt safety principles in executing the job.
- Training of national cadres to achieve the required Saudization goals.



About Us

Power Lines Contracting Company is start in 2003 reputable contractor and material stockiest in the Kingdom, was established in 2003 with primary objective of becoming one of the leading Turnkey Solution Provider to cater a wide range of materials & services for Utility sector, Oil & Gas, Petrochemical & Processing Plants as well as communication sector to enable to support the rapid growth in the Kingdom of Saudi Arabia.

PLC adapt unique and aggressive technical and business acumen along with its leading strategic and international Partners aiming to provide state of the Art quality products, Systems and Services

to respond to the growing demands at reasonable cost.

PLC largely invests in training our Engineers and Staff to arm them with the competence that the market demands.

PLC strives and aspires to be known as the most respected turnkey solutions contractor, renowned for excellence, leadership, and professionalism within the sectors of Industrial, Power and Telecom



Message



Power Lines Contracting, Company was established on 2003, The ideas, goals and objectives behind the inception of this establishment was and still is to participate and engage in the gigantic, rapid and massive expansion of the kingdom's infrastructure initiated by government of Saudi Arabia.

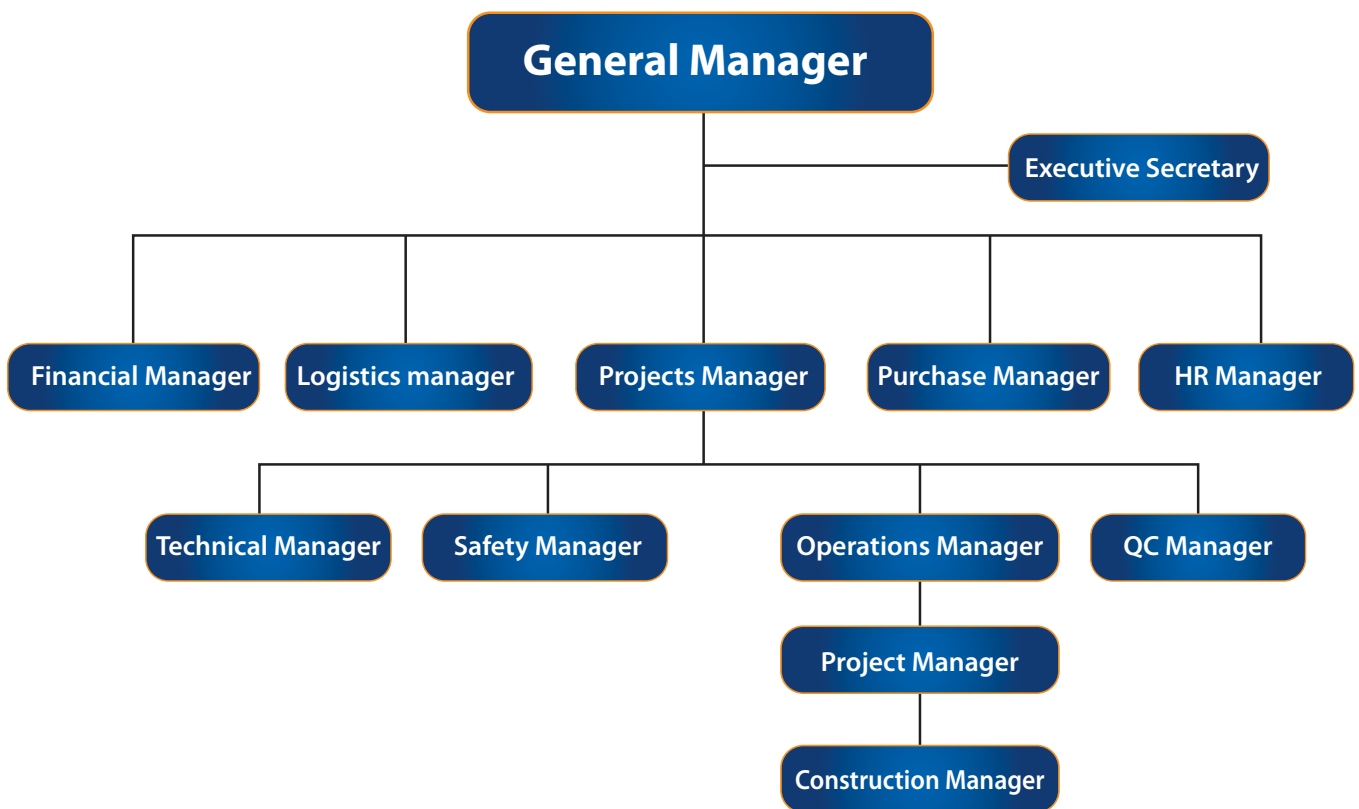
This tremendous achievement attained by Power Lines Contracting, Company in past couple of years has been very outstanding. This has brought immense confidence and admiration from our clients whom we regard as «Partners in progress»

The diversification process is already underway we should adapt the change and innovation currently sweeping national and international business arena.

General Manager

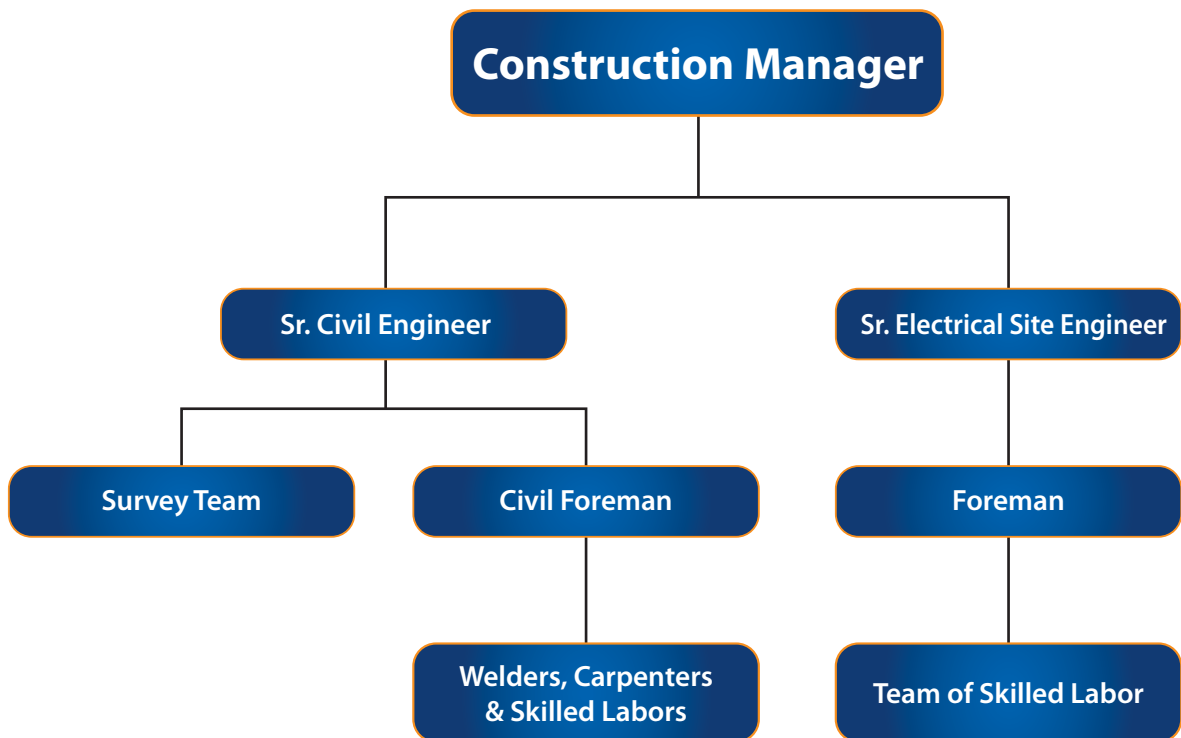


Organization Chart





Operational team chart





COMPANY HIGHLIGHTS

- We are approved contractor with Saudi Electricity Company & other Ministries for the Solar Energy ,HV, MV & LV Electrical contracts with Turnkey Projects.
- ***Specialize in Design & Engineering, Execution & Testing commission of projects.*** We Under take all types of Substation Equipment's, Cables Circuits, Jointing, Termination, Cable Trays, Trunks, Earthing Grids, Terminal Gantry and all related Civil works.
- PLC has a Separate Division with Experts Specialized Team for Solar systems which offer complete Design & Engineering, Execution & Testing commission of projects.



Quality Policy



Power Lines Contracting Company (PLC) specializes in supply, installation and testing of solar energy system & electric networks.

PLC complies by all legal requirements and considers potential local and international legislation, where they apply related to the scope of the work.

PLC has designed the operational processes within the organization to bring about highest level of organizational excellence as well as the consistency in its products and services.

PLC aspires to exceed customer expectation with its strict compliance to the contractual obligations regarding all deliverables.

PLC believes in the continual improvement, which is achieved by continually improving the business operation by thorough investigating and eliminating the root cause of the problems.

PLC follows the approach of risk based thinking to plan the business operations and to pursue opportunities.

Employees at PLC are considered its prime assets and their safety naturally comes first. PLC believes in the professional growth of its employees and provide work related training to serve the purpose.

Being part of an industry that works to save environment, PLC follows the practices that safeguard the environment.

PLC follows all the requirements of the International Quality Management System of ISO 9001:2015.

This quality policy shall be reviewed at regular intervals.

General Manager



SAFETY POLICY

Power lines Contracting, Company Consider safety a top priority in our everyday activities. It is our policy to provide and maintain a safety and health program consistent with the best practice of the construction industry as wen as with all existing client standards.

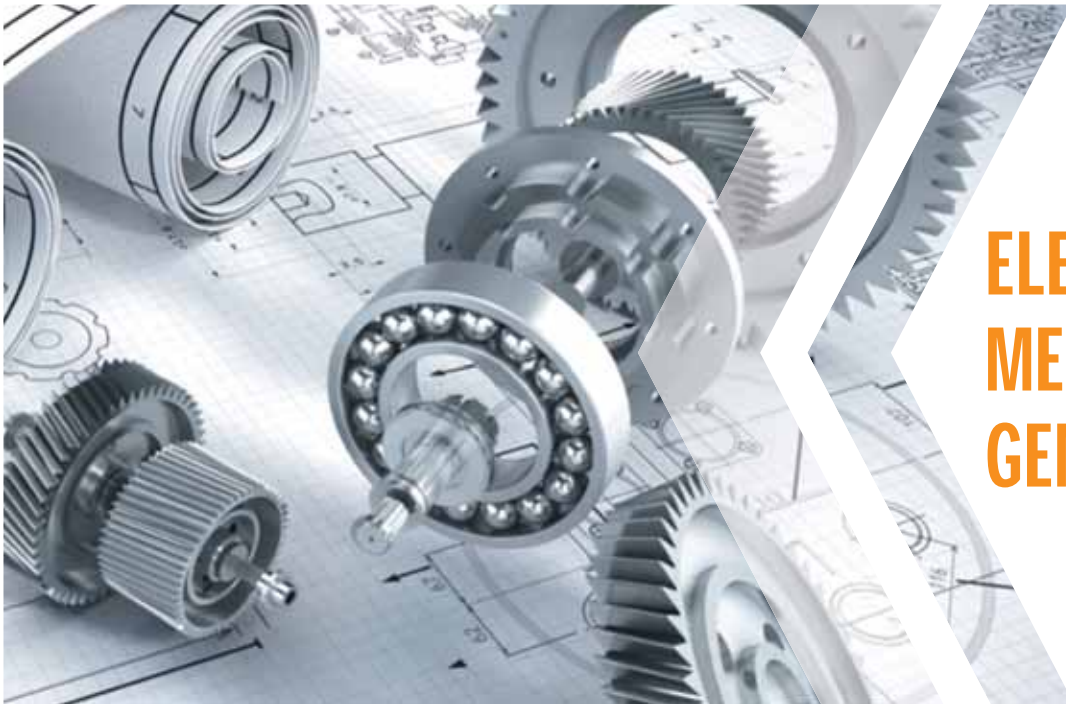
The commitment to the safety program will be firm, aggressive and shall be the responsibility of a line management to ensure that all operations are performed with the high level of quality for the safety and health of all personnel under their direction. All levels of supervision shall be responsible to enforce safety within their respective areas of responsibility.

It is the responsibility of every employee to support and promote the safety and health process in order to attain quality results and to ensure a safe environment for an activities.

ELECTRICAL WORKS



Power Lines Contracting
Making Dreams Come to life



ELECTRO- MECHANICAL & GENERATION

ELECTRICAL WORKS

Supply and installation of the following:

1. All types of medium voltage switchgear
2. All types of transformers.
3. Ring main unit - R M U
4. Junctions and ends cables terminations.
5. All control panels - Low voltage
6. All types of cables
7. Lighting works
8. All types of generators and synchronization panel and full Diesel Systems
9. UPS
10. Earthling and lightning works.
11. Control Systems (SCADA-PLC-SPEED CONTROL-SOFTSTARTER .
12. All types of electrical counters





ELECTRO- MECHANICAL & ►► GENERATION



MECHANICAL WORKS

Supply and installation of the following:

1. All kinds of pumps.
2. Valves.
3. The installation of generators with all Accessories & components.
4. Ventilation Systems.
5. Water Pumps.
6. generators and pumps maintenance.
7. diesel tanks with all Accessories & components.





MV & HV

Detail of Activities

Project Quality Control

- 1- Project quality plan.
- 2- Project quality assurance procedures.
- 3- Project HSE plan.

Project Planning

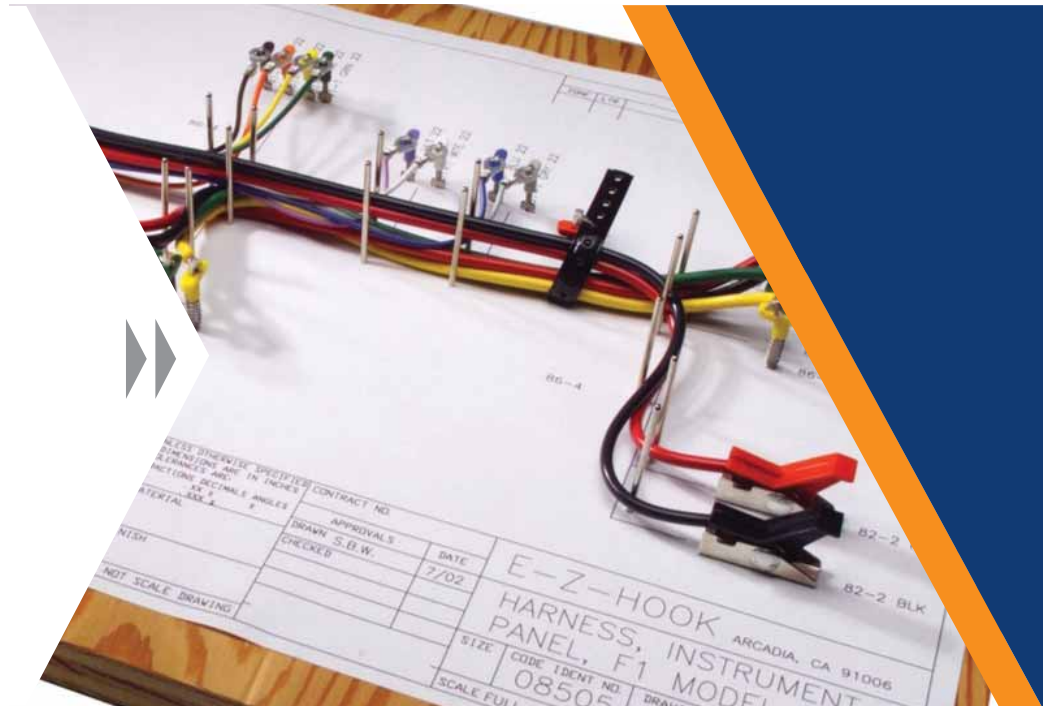
1. Preparation of base line programmed (using Primavera Project Planner) as per contract milestone.
2. Project Monitoring & Controlling.
3. Site progress report charts in EXCEL

Route investigation drawings and reports

- 1- Preparation of cable route trial pits drawings.
- 2- Preparation of trial pits reports for underground services.
- 3- Reporting of soil samples thermal resistivity values.

Material Investigation

- 1- Thermal backfill material mix design preparation as per required Thermal Resistivity values.
- 2- Existing soils Thermal resistivity values investigation.
- 3- Maximum dry density Testing/ calculation for back fill material.



Cable route design drawings

1. Preparation of cable route bonding schematic diagram.
2. Preparation of Earthing Typical Joint Bays arrangement drawings.
3. Preparation of Typical Joint Bays Earthing arrangement drawing.
4. Preparation of cable route joint bays and road crossings location drawings.
5. Preparation of detailed cable route drawings based on trial pits reports.
6. Preparation of route profile drawings as per existing and route area planned future levels.
7. Preparation of AS BUILT drawings after completion of site activities.
8. Preparation of cable route marker location drawings.

Road Crossings/ pipe lines crossings Drawings

1. Preparation of Horizontal Directional Drilling (HDD) Profile drawings for important road crossings.
2. Preparation of Open Cut (OC) crossings details as per site requirements
3. Preparation of PIPE LINES crossings details as per the concerned Authorities requirements.
4. Design I drawing preparation of Reinforced Concrete duct banks to bridge over open trench pipe line crossings.



MV & HV

Concrete structure Design

1. Joint bays concrete structure design calculation.
2. Preparation of joint bays structural details drawing.
3. Link Box Pit concrete structure design calculation.
4. Preparation of Link Box Pit structural details drawing.
5. Fiber Optic Cable splice pit structure design calculation.
6. Preparation of Fiber Optic Cable splice pit structural details drawing.
7. PD sensor pit (in case separate pit) structure design calculation.
8. Preparation of PD sensor pit structural details drawing.





Cable support structures design Inside substation

1. Cable supports structure design calculation inside substation.
2. Preparation of Cable supports structure details drawings.
3. Preparation of Fiber Optic Cable and DTS cable routing details drawings inside substations.
4. Preparation of cable terminations Tags and identification marks drawings inside substation.
5. Power cables substation entry location ducts design/ drawings preparation.
6. Preparation of core hole/ slot opening drawings for cable entry into existing substation basement.

Cut I Fill estimation & Design

1. Estimation of Cut & Earth Fill quantities as per approved route profile drawings.
2. Drawings preparation for bund construction.



MV & HV

AC Mitigation Studies

1. Preparation of AC Mitigation studies at Petroleum/ gas pipe line crossings location
2. Design/ drawing preparations of Cathodic Protection/ Earthing system based on AC Mitigation study.

Uplift Pressure Calculation

1. Uplift pressure calculation on 220KV power cables under submerged conditions at shallow ground water table locations.
2. Design of Duct Banks for power cable crossings under pipe lines to eliminate the possibility of any damage to pipe lines due to uplift pressure.

Electrical Works & Pre-Commissioning Testing of Completed Jobs

1. EHV & HV Cable jointing and terminations.
2. All electrical testing as per KM requirement.
3. Resonant Frequency AC testing at site along with all arrangements of test chambers.
4. Partial Discharge Measurement at installed cable accessories.
5. Distributed Temperature Sensing (DTS) Cable & System installation and testing.
6. FO cable installation in pipe by air blowing method and direct burial.
7. FO cable fusion splicing.
8. FO cable testing & commissioning using OTDR and power meter light source method.
9. Communication (Metallic) cables, installation; jointing termination and testing.



Operation, Testing & Commissioning



SPECIALIZE INSTALLATION WORKS

Power Lines Contracting Company carry out all manner of installation works from All sizes of power & control cabling and Switch gear works Under SEC supervision and Client Consultants as well as private sectors. This includes the supply and installation of all high and low voltage switchgear, transformers, cabling and earthing Works.

All types of installation works associated with distribution networks from package substation installation Power & control cabling and Switches Gears works, private networks, Grid transformers, network cabling and earthing/lightning protection for SEC projects and Private Clients.





Operation, Testing & Commissioning

INSPECTION

Power Lines Testing Division carries out for many of its clients regular Cables, OHL & Substation inspections.

This work consists of visual inspection of all substation equipment, Cable Terminations, checking of the building security, testing of transformer insulating oil samples, and, where fitted, replacement of transformer and foundation, earthing system. Also Power Lines Testing Division employs a full-time dedicated team of inspectors, specializing in the inspection of electrical power equipment installations with emphasis on BSEN 60079, (electrical equipment in hazardous areas).

These inspections are designed to complement our preventative maintenance programme by highlighting potential problems. A fully computerized records and reporting system is used for inspection activities.





Operation, Testing & Commissioning



TESTING & COMMISSIONING SERVICES

This facility is complemented by our range of other testing services available, which include the following: As per SEC & IEC Standards.

- Cable Fault Location.
- Cable Sheath Location.
- All Types of Cable Testing 13.8 kv,33kv & 132kv.
- HI pot Testing.
- Testing - both primary and secondary CT's.
- Earth Installation Testing - as per SEC Standards.
- Power Factor Correction Equipment Testing and installation.
- PD Test for 132 kv Switch Gear & Cable Circuits.
- Power Transformer testing, Winding, Insulation, Dielectric



Our extensive experience with a vast array of substations allows. our team to provide attention to detail while ensuring the best possible quality and system reliability.

SERVICES INCLUDE:



Operation, Testing & Commissioning

- Cable supply, installation, Termination and Testing.
- Electrical power systems, protection panels and distribution switchgears.
- Power & Control system installations.
- Power Transformer installation and testing including oil filtration and treatment.
- GIS installation and testing including gassing and degassing.

SKILLED AND AUTHORIZED PERSONS

Power Lines Contracting Testing Division employ a number of fully trained Authorised persons who carry out all duties relating to the safe operation and running of our client high voltage / Low voltage .systems/networks.

These duties range from a full on site presence to daily requirements Power Lines Contract Testing Division are also capable of tailoring training courses for you and your staff. SAP Training includes safety from the system, safety documentation Permit to works, Sanction. for test, switching schedules and operation of switchgear For clients with private networks we offer a Senior Authorised Person call out facility with a response time of between 2 to 4 Hours. Our Engineer will attend site and assist in determine cause of failure and restoration of supply. Power Lines Testing Division are experts in this reactive problem solving. giving you both peace of mind and confidence that your supplies are safe in our hands.

Operation, Testing & Commissioning



CABLE FAILURE

Buried cables can, at any time, be subject to damage. Mechanical excavators are the most obvious but cables can also sustain damage from ‘moles’, trench-cutting machines, tunneling rodents, even from someone driving in a tent peg! Damage sustained may not cause the cable to fail immediately .

- some cables have lasted a number of years after being damaged. Some cables may fail without having been damaged.

When a cable fails, someone, somewhere loses their electrical supply. We can provide a cable fault location service that includes:

- Taking full control of electrical safety.
- locatiing, pinpointing the position of the fault.
- excavation Works.
- Repair of the cable.
- Testing of the repaired cable and return to service.
- Reinstatement of the ground service.





Operation, Testing & Commissioning

MAINTENANCE

Power Lines Contracting Testing Division have tailored our Maintenance reports to ensure all key parts are inspected and recorded allowing for tend a analysis and carried out by Power Testing Ltd is recorded on our equipment specific report sheets. Our report sheets have been designed to meet and exceed manufacturers' recommendations for carrying out electrical maintenance in accordance to Standards.

All reports are entered onto our computer database and stored so that when required previous reports may be viewed within seconds.

We have staff trained and conversant with equipment ranging from distribution boards up to 132kV Switch Gears and maintain a library of manufacturers' information regarding electrical distribution equipment. Indeed, many modification and repair circulars issued by manufacturers to our clients are passed on to us, as it is usually Power Lines Contracting Testing Division that will be carrying out any modifications or checks.





Operation, Testing & Commissioning



HAZARDOUS AREA INSPECTION

Power Lines Contracting Testing Division has extensive experience carrying out visual, Close and detailed inspection of hazardous area equipment, dedicated team of inspectors, specialising in the in_(spection of electrical power equipment installations for (electrical equipment in hazardous areas These inspections are designed to complement our preventative maintenance programme by highlighting potential problems. A fully computerised records and reporting system is used for inspection activities.

TESTING& COMMISSIONING

Power Lines Contracting Company offers a full Testing &commissioning services. This facility is complemented by our range of other testing services available, which include the following:

- Cable Fault Location
- Hi pot,Pressure Testing equipment and cables both using A.C. and D.C. test sets.
- Protection Testing - both primary and secondary
- Earth Installation Testing - in accordance with BS 7430 (without disconnection)
- Power Factor Correction Equipment Testing and installation



Operation, Testing & Commissioning

OTHER SERVICES

- Cable & OHL Route Surveys.
- Land, Sites Surveys, Soil Investigation
- Inspection Lightning Protection system
- Power Quality analysis to SEC standards
- LV, MV, HV Cable identifying and spiking
- Preparations of Designs & Drawings
- Operation and Maintenance Contracts & Manuals
- Private Projects, Clients Contracts
- Cable Jointing, Termination, Link Boxes
- Emergency Call Out Facility, Faults, Cable repairs,



Wherever you are, whatever you do, Power Lines Contracting Testing Division can provide the necessary services on time.
24 hours back-up services can be provided.

Power Lines Testing Division has tailored its services to meet and exceed client expectations. Our years of experience put us at the fore front of our chosen industry sector. We pride ourselves on solving client problems and are known throughout the industry for our immediate reactive emergency services.

Parallel this with our excellent project management and planned works management we make excellent partners in servicing your electrical distribution system and ensuring your electrical supply.

CIVIL WORKS SECTION



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Making Dreams Come to life



Civil works section

CIVIL ENGINEERING DEPARTEMENT

We carry out the construction of different concrete and steel structures and to describe the capabilities and services offered, the following work codes cover the scope of services of PLC at the civil engineering field:

- 1- Reinforced concrete.
- 2- Steel structures.
- 3- Internal finishes.
- 4- Water pipelines.
- 5- Industrial.
- 6- Educational facilities.
- 7- Medical facilities.
- 8- Roads.



Civil works section



And our work experience at the civil engineering field:

- **Project name:** Construction of the foundations (rafted piles) under the water treatment plant 1000 m³/day at JAZAN port.
- **Client:** Saudi Ports Authority.
- **Project name:** preparing the general workshop at DEBA PORT.
- **Client:** Saudi Ports Authority.
- **Project name:** construction of spare substation at KING FAHD AIR FORCE BASE at TAI
- **Client:** Saudi air force

RENEWABLE ENERGY

*Smart, simple and
clean energy saving solutions*



Power Lines Contracting
Making Dreams Come to life



Our Vision:

To enlighten communities and businesses throughout the Saudi Arabia with smart, simple and clean energy saving solutions.



About PLC Solar

At PLC we truly understand the importance of the sun plays in preserving our way of life. Whether helping homeowners realize the cost savings and benefits of solar power, partnering with local businesses to become more energy efficient or making a difference in our communities, we're passionately dedicated to preserving the environment and culture in which we all work. PLC is wholly committed to delivering clean energy solutions. As one of the leading EPC providers of small to large-scale solar photovoltaic (PV) systems throughout Saudi Arabia. PLC provides a full array of solar photovoltaic (PV) options along with the latest inverter technology and large scale lithium battery storage solutions.

Our expert team provide:

- Engineering & Design
- Procurement
- Construction
- Commissioning
- Operations and Maintenance
- Project Feasibility Analysis
- Energy Performance Analysis
- Long Term Performance Guarantees.



PLC engineers have obtained the certification of solar energy designers accredited by Saudi Electricity Company, as the first engineers in Saudi Arabia they receive this accreditation.



What we do

We have the experience and capacity to support solar projects from inception, throughout the development and construction stages and for the complete lifetime of the plant.



Development

PLC aim to add value through a collaborative approach with local and international developers and investors.

- Site identification & assessment
- Energy yield studies & optimization
- Environmental permits
- Electricity grid interconnections
- Planning and building permits
- Project Development agreements
- Project Pipeline Acquisition
- Financial feasibility
- Power Purchase Agreement Analysis



Engineering, Procurement & Construction

PLC is a contractor providing complete turnkey solar power solutions for utility scale PV projects.

- We offer both full EPC scope including panel supply, as well as EPC for balance of system (BoS) according to client needs.
- Full turn-key EPC responsibility
 - Optimized in-house engineering & design.
 - Procurement strategy based on approved tier-1 suppliers
 - Energy storage integration and hybrid solutions



Operation & Maintenance

We are experts in O&M for solar power plants, offering a full range of plant monitoring, preventive and corrective maintenance services backed up by appropriate contractual guarantees depending on customer requirements.

- Preventive maintenance programs
- Spare parts management
- Corrective maintenance
- 24/7 remote plant monitoring
- Plant availability guarantees
- Information management and reporting



EPC Flow Process



Process Flow for Solar Project Execution:

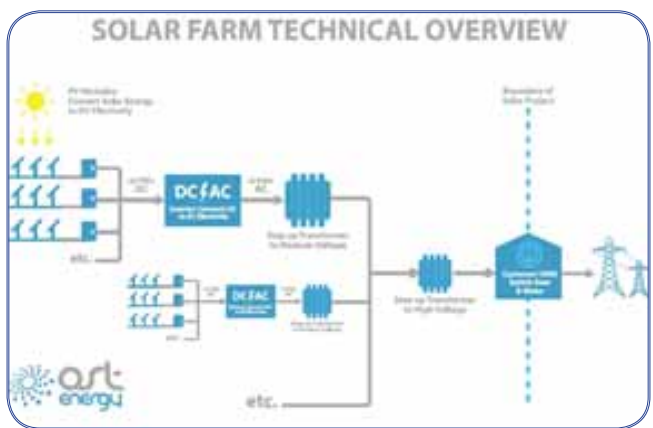
With an experienced project management team, We at PLC follow a very professional and a systematic approach for solar projects.

OUR PROCESS FOR SOLAR PROJECT EXECUTION

Load Assessment	Load Assessment for light loads and heavy loads of the building or industry in order to calculate the system capacity required.
Prefeasibility Study	Prefeasibility Study of the available area to analyze system capacity possible and testing structure and climatic parameters for stability to support the module load, shading and grid accessibility connectivity.
Vendor Finalization	Vendor Finalization for equipment's required all through the project along with qualified civil and electrical contractors.
Project Planning	Project Planning including preparation of detailed engineering drawings, project execution plant, system sizing and plant lay out.
Delivery of Equipment	Delivery of Equipment to project site after comprehensive testing done based on random sampling to ensure quality and consistency.
Installation and Commissioning	Installation and Commissioning of the plant's mounting structure, modules and other electrical equipment's. This also covers the deployment of necessary monitoring system. Conducting test run and final handing over is done further to this.



Utility Scale Solar Power Plant



PLC has extensive experience in utility scale solar; including both ground-mounted systems and large roof-top installations. Our ground-mounted experience extends across all kinds of terrain, including complex sites with high degree of inclination and demanding ground conditions. With our in-house engineering capacity, we provide optimized solar plant designs for each project – taking account of specific site and local ambient conditions.

PLC solar power plants utilize well proven equipment from tier-1 suppliers. We have extensive experience in application of both string and centralized inverters, while we offer both fixed installations and single-axis tracker systems depending on project requirements. All installations are carried out under the supervision of PLC experienced project engineers.



Utility Scale Solar Power Plant



Energy Storage

We provide large-scale battery based energy storage solutions, both integrated with solar PV plant and stand-alone. Apart from the ability to store and deliver energy on demand, the responsiveness of battery systems makes them ideal to provide network operators with innovative solutions for frequency response which help to stabilize electricity grids. Energy storage systems are generally supplied in modular designs, which are easily scalable and are able to deliver multi-MW output. In order to successfully apply battery technology in utility scale applications we apply sophisticated control concepts with automated battery management systems.



Commercial

For industrial, commercial, retail and public entities, electricity costs are among the top operational expenses and unfortunately, these cut directly into bottom line profits. PLC's broad experience and unique capabilities allow us to take on challenging solar PV projects in a variety of different locations and environments ranging from residential to commercial offices, retail parks, hospitals, schools, universities, government facilities and rural agribusinesses.

Project sizes range from small domestic dwellings through to large scale commercial and free standing agricultural solutions. We utilize the latest CAD technology to individually craft solutions in any mix of rooftop, ground mount, single and dual-axis tracker, and/or canopy-based installations.

In addition to the wide experience our engineers have been trained by one of the world's largest institutes in the United States of America and by experts in the field of renewable energy and alternative energy, as well as by attending specialized courses in the installation and maintenance of solar systems and participation in the implementation of large and medium projects in Jordan in cooperation with professional companies there.



Residential



Electricity prices are ever-increasing, and more homeowners are turning to solar energy to reduce their rising electricity costs, it makes perfect to make the switch to solar. Whether your goal is to save money on your electric bill or simply reduce your carbon footprint, PLC has a residential solar power solution that meets your energy-saving needs.

We design and install solar panel and battery storage systems for homes all over the Saudi Arabia.

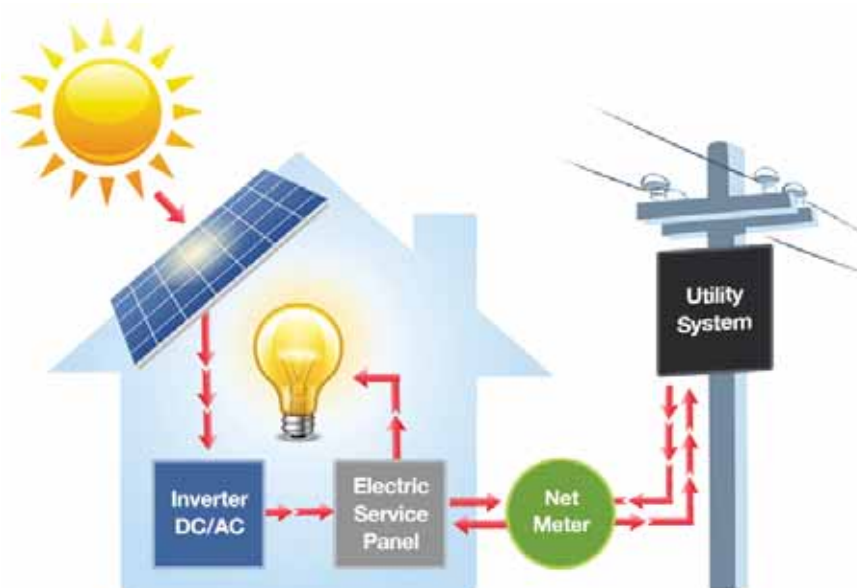


Power lines specialize in several fields in the alternative energy systems, including:



On Grid/ Grid-tied PV System

The Solar Grid Tie (also known as Grid Interactive) systems are intended to operate in parallel with an electric utility. At night or during inclement weather all the electricity is supplied by the utilities. During the daylight hours, the systems generate some power, off-setting the consumption of electricity from the utility and cutting electric bills. The balance of the power required by your load is automatically drawn from the utility lines. If the PV panels are producing more electricity than you are using the system will feed the surplus of power back to the utility. It may spin your electric meters backward, further reducing monthly bill. PLC provide complete on grid solutions from design till end commissioning of project.



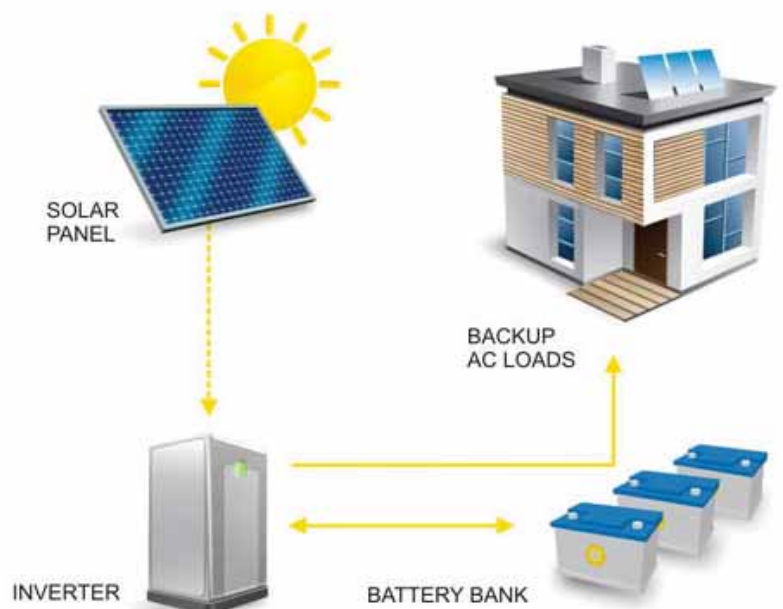
Off Grid PV System



There are many reasons for choosing an off-grid PV system to power a remote home or cabin. Some people want to avoid the high cost of extending a utility line, while others like the independence of homemade energy production, as well as having a silent, emission-free energy source with a 25-year warranty.

This system is completely independent from the public electricity grid and designed exactly to meet the client's needs of electricity day and night by using solar energy only and consists of the PV module connected to the charge controller, "which can be located inside the inverter or as a separate unit" charging batteries for the use of energy in the absence of the sun as well as the Inverter connected to the load to meet the needs of energy.

PLC provide complete off grid solutions from design till end commissioning of project.





Hybrid PV System

Hybrid power generation systems combine solar power generation with conventional forms of power generation and energy storage technologies, to enable a reliable supply of high quality electricity, either to the network or to off-grid consumers. These solutions enable the user to significantly reduce the cost of expensive fuel, such as diesel, while ensuring that the power plant output is fully controllable to match the required demand profile. Also we design, supply and install of compact solar systems (hybrid & off grid) inside container /shelter. PLC is well placed to provide hybrid power generation solutions to match project needs.





Communication Tower PV System.



Telecom towers may operate in regions with an unreliable grid or no grid supply while the others operate in regions with a stable grid supply but face high electricity costs. PLC offers proven solutions to cover both needs. In areas with an unreliable grid or no grid supply, telecom towers infrastructure companies in these regions have long relied on diesel generators as a source of power which increases the working cost.

Off Grid Telecom solution includes:

- High amps charging capacity with PFC (Power Factor Correction).
- Two AC-source inputs with built-in transfer switch allowing direct wiring to two AC sources (i.e. grid and diesel generator or two diesel generators)
- Pure-sine AC output with high surge capacity to start heavy loads of air-conditioners
- Modular and stackable design to support wide system sizes: both 1-phase and 3-phase.
- Easy and seamless integration with solar to reduce diesel costs.

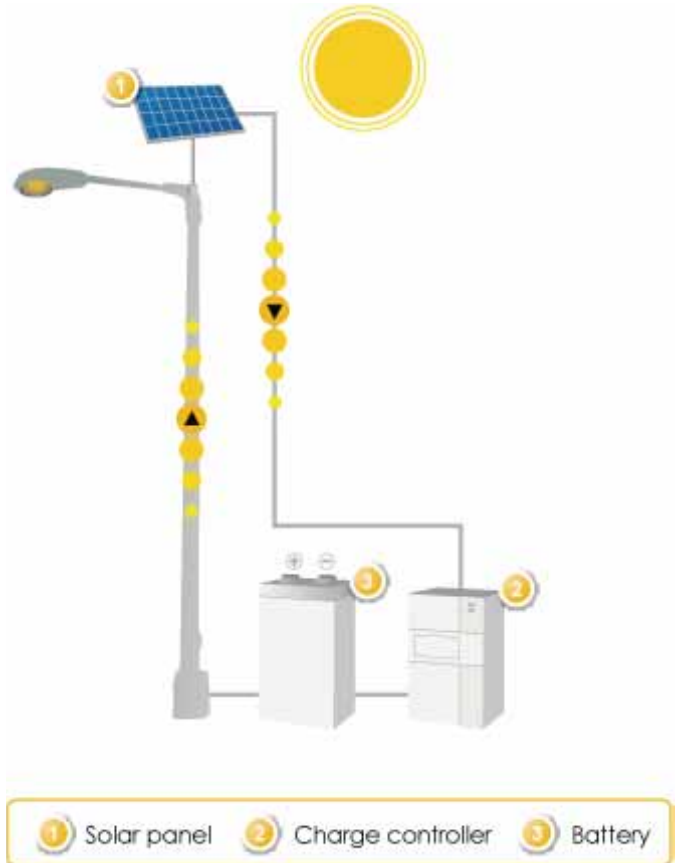




Street Lighting Pole PV system.

Solar street lights are raised outdoor light sources, which are powered by PV (photovoltaic) panels. These panels are mounted on the lighting structure or connected in the pole. PV panels have a rechargeable battery, providing power to the fluorescent or LED lamp during the entire night. Most of the solar panels automatically sense outdoor light through a light source. These can give off light on successive nights even when the sun's energy is not available for a couple of days. Many users are switching to solar street lights nowadays due to a number of reasons.

- Independent of the utility grid.
- No regular maintenance.
- Standalone system.
- Easily carried to remote areas.
- Saving the cost of transformer, cabling & installation..



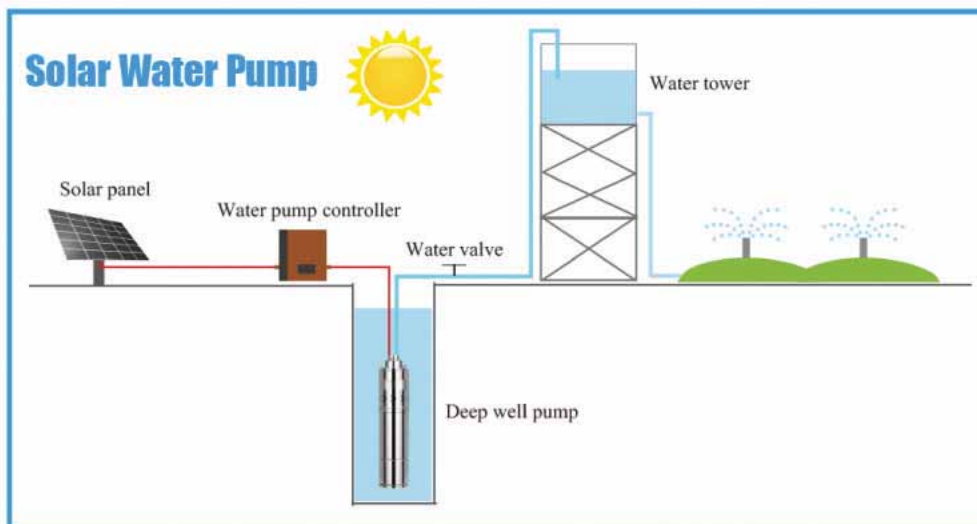


Supply & installation of water pump



Power Lines Contracting provides various types of solar water pumps, including submersible and surface, which can be used agriculture, artesian wells and gardens irrigation.

Power Lines Contracting designs and installs solar and irrigation systems. we deals with a will know international manufacturer to supply DC, AC power pumps, submersible or surface pumps. All options are available according to customer needs and requirements.

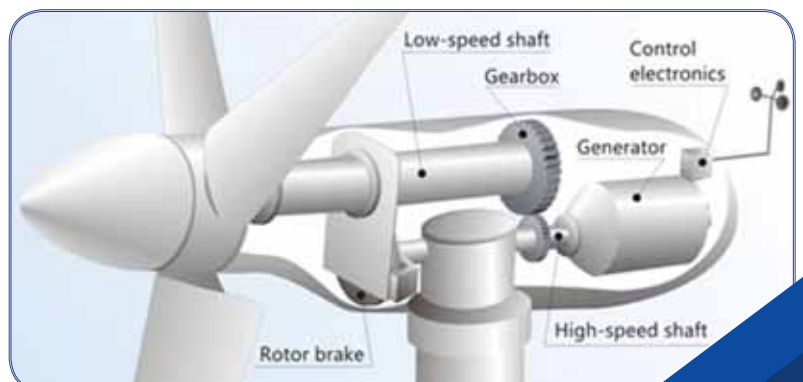




Supply & installation of Wind turbine



Power Lines Contracting, designs, supplies and installing wind turbines on the small and medium scale with cooperates with one of Korea's largest wind turbines manufacturer, the Golden Universal plant, which provides turbines with a capacity of up to 25 kW and 20 years warranty.





Operation & Maintenance



Operate the Facility in accordance with applicable regulations (particularly on safety and occupational health and environment)

- Verify, record and report information to the Owner on the generation of electricity, loss in generation due to grid disturbance, and consumption of electricity within the Facility.
- Monitor and supervise the operation of the facility and communicate in the form of monthly reports in writing to the Owner. This monthly report will contain information regarding the evacuation of electricity to the grid; tasks performed preventive and corrective maintenance, as well as electricity consumption of the Facility.
- Carry out all tasks of inspection, testing, cleaning, and preventive maintenance and / or corrective repair, replacement if necessary under the Good Manufacturing Practices.





Operation & Maintenance

To make sure the solar system works perfectly, we following the below procedure:

1. Proceed with Operation and maintenance periodically.
- 2- Periodic test for solar system component.
- 3 - Periodic maintenance to maintain the continuity of the system.
4. Commitment to equipment safety.
5. Power generation process Reporting.
- 6 - Ensure the efficiency of power generation and financial performance of the facility.





OUR PROJECTS



Power Lines Contracting
Making Dreams Come to life

Client Name	Project/Contract Title and Brief Description of Work	Contract Dates	
		Start	End
Almabani General Contractors Co.	EXTENSION OF ROADS IN AL RIYADH OLD AIRPORT. 132KV, 1C, 1200 MM2 CU, XLPE Cable	16/08/2011	20/03/2012
Almabani General Contractors Co.	EXTENSION OF ROADS IN AL RIYADH OLD AIRPORT.	7/2/2012	15/08/2012
SHIBH AL-JAZIRA CONTRACTING CO.	Hihg voltage works	23/02/2012	8/4/2012
Trading & Development Partnership Co.	EXTENSION OF ROADS IN AL RIYADH OLD AIRPORT. 132KV, 1C, 1200 MM2 CU, XLPE Cable	8/4/2013	10/7/2013
Trading & Development Partnership Co	Excavating and shifting soil and backfilling work for 1.5M x 1.5M trench	11/12/2014	10/2/2015
Trading & Development Partnership Co.	SUPPY 132KV JOINT AND INSTALLATION WORKS AT PRINCES NOORA UNIVERSITY RIYADH	22/01/2014	22/03/2014
Capital Lights Co.	supply & installation XLP,132 KV cable	23/07/2014	15/12/2014
Capital Lights Co.	Hihg voltage works	20/07/2014	20/10/2014
SHIBH AL-JAZIRA CONTRACTING CO.	Supply of Cables and RUM , Transformers	1/3/2015	1/12/2015
YUKSEL INSAAT SAUDI CO.LTD	supply & installation XLP,132 KV cable	1/3/2015	20/08/2015
Al Rashid Trading & Contracting	Relocations of 132KV cables in Riyadh	8/2/2016	10/15/2017
SHIBH AL-JAZIRA CONTRACTING CO.	Relocations and the deportation of 132KV & 33 kv cables Circuits	4/27/2015	9/15/2016
SSCL CO. LTD	Supply of Cables and RUM , Transformers	10/11/2015	12/30/2016
Al Ansab Contracting	Supply of Cables and Panels Boards	3/2/2016	1/5/2017
Privet Villa	supplay & Installation On Grid Solar System 50 KW	26/12/2017	20/02/2018
RR Conculancy	Supply & Installation On Grid Solar System 12 KW	4/2/2018	1/3/2018



Success partners



Power lines depend on various & worldwide reliable manufacturers for Material supply. We are the sole agents in the Kingdom of Seraphim Solar Panels, one of the world's largest and most efficient factories, as well as the agency of Chiko Factory, one of the largest & specialized manufacturer for Both aluminum and hot dip galvanized steel mounting structure.

 HUAWEI	 SERAPHIM SOLAR SYSTEM	 MERISOLAR	 CHIKO Solar Mounting Solutions
 ABB	 SMA	 Fronius SHIFTING THE LIMITS	 KACO new energy.
 GOODWE your solar engine	 SUNGROW	 FLUKE	 FLIR The World's Sixth Sense™
 STInorland Solar Trackers & Fixed Structures		 Trinasolar	



Target Clients

- Contracting Companies
- Electricity Companies
- Government sectors
- Hospitals and Universities



شهادات وخطابات توصية CERTIFICATES & LETTERS



Power Lines Contracting
Making Dreams Come to life

AL-MAYAL CO.

L.T.D.

CR.4030171541 Chamber 122180
P.O.Box 544 Jeddah 21421
Jeddah



شركة الميال للمقاولات
الحدودة

سجل تجاري رقم ٤٠٣٠١٧١٥٤١ رقم عضوية ١٢٢١٨٠
ص.ب ٥٤٤ جدة ٢١٤٢١
جدة

التاريخ: 2015/10/31م

ص.ب / 201506220803

شهادة شكر وتقدير

إلى من يهمة الأمر

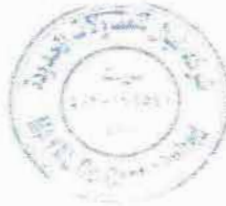
السلام عليكم ورحمة الله وبركاته ...

تشهد شركة الميال للمقاولات المحدودة بان السادة / مؤسسة خطوط الطاقة للمقاولات - مقاول من الباطن - قد اتم
انجاز الاعمال المنبثقة واعمال تمديد كابلات كهرباء جهد 13.8 كلفه وتلك عن مشروع الربط الخاص بمحطة
اشبينية حسب مواصفات الشركة السعودية للكهرباء مع الالتزام التام في تنفيذ بنود العقد المبرم بيننا.

وتفضلوا منا فائق الاحترام والتقدير ...

المدير العام

المهندس / نايف عبدالله رفبان



Jeddah - Tel. : 012 / 6946204 - Fax : 012 / 6946208
Makkah - Telefax : 012 / 5204380
Madinah - Tel. : 014 / 8316360 - Fax : 014 / 8316008
Riyadh - Tel. : 011 / 8160107 - Fax : 011 / 2140244
Yanbu - Telefax : 014 / 3544768

جدة - هاتف : 012 / 6946204 - فاكس : 012 / 6946208
مكة المكرمة - تليفاكس : 012 / 5204380
الرياض - هاتف : 011 / 8160107 - فاكس : 011 / 2140244
الدمشق - هاتف : 011 / 8160107 - فاكس : 011 / 2140244
المنامة - تليفاكس : 014 / 3544768



شركة الرؤيا المزدوجة المحدودة
ذات مسؤولية محدودة
س.ت: ١٠١٤١٨٨٠٦

Double Vision Ltd.
Limited Liability
C.R: 1010418806

Date: 20, March 2018

Letter of Accomplishment

This issue to express our special appreciation for Power Line Contracting (PLC) for cooperation, technical support and complete execution for medium voltage circuits project that interrupting with storm drain in south of Riyadh (3000 m for 13.8 kv & 1500 m for 33 kv) with Saudi electrical company – Riyadh .

We also confirm that PLC was responsible for design, technical support and complete execution & looking for future ongoing cooperation in pleasing manner with our company & looking for future business between our companies and seeking to achieve the same or even greater level of performance for all future projects.

With Our Warmest Regards

Double Vision Ltd. Company



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

ABALKHAIL
CONSULTING ENGINEERS

المهندس عبدالله ابا الخيل

ابا الخيل
مهندسون استشاريون

Date :

١٤٣٩/٠٣/٢٩ هـ (٢٠١٧/١٢/١٧ م)

Our Ref. :

٢٠١٧/٢٠٣٨/ج /٢٤١٨

التاريخ :

إشارتنا :

المحترمين

السادة/ مؤسسة خطوط الطاقة للمقاولات
المملكة العربية السعودية
الرياض ١١٣١١ - ص.ب ٢٢١٨٦١
فاكس رقم : تحويلة (١٠٤) ١١٢١٠١١٠٣

السلام عليكم ورحمة الله وبركاته ...

الموضوع : عقد رقم (١٠٤) تنفيذ جسرين للمركبات بمواقع متفرقة بمدينة الرياض - جسر تقاطع طريق التخصصي مع طريق مكة المكرمة - شكر وتقدير على انجاز ترحيل خطوط كهرباء ضغط عالي ١٣٢ ك.ف جنوب التقاطع

إشارة إلى عقد رقم (١٠٤) الخاص بتنفيذ جسرين للمركبات بمواقع متفرقة بمدينة الرياض والمبرم مع أمانة منطقة الرياض بتاريخ ١٤٣٣/٠٦/١٦ هـ مقالة مؤسسة روافد الطرق للمقاولات وإشرافنا.

وبالإشارة إلى تكليفكم من قبل أمانة منطقة الرياض عبر إدارة لادارة الاسناد الفني بشركة الكهرباء السعودية بخطاب الأمانة الصادر لهم برقم ٣٦٠١٠١٦١٣٤ وتاريخ ١٤٣٨/٠٥/٠٢ هـ لترحيل خطوط كهرباء ضغط عالي ١٣٢ ك.ف جنوب التقاطع .

ونظرا لجهودكم المخلصة بإنجاز اعمال ترحيل خطوط كهرباء ضغط عالي ١٣٢ ك.ف جنوب التقاطع خلال فترة زمنية قصيرة على الرغم من عدم حصولكم على اية تسهيلات مالية مقدمه ولا غير ذلك حتى تاريخه مما مكن مقاول المشروع من استكمال اعمال الجسر التي كانت متوقفة بسبب اعاقه هذه الخطوط لها وبالتالي مساعدته كثيرا في تحقيق التزاماته التعاقدية مع الامانة.

ومن منطلق حرصنا على اتمام وإنجاز المشروع بوقته والمساعدة في تذليل كافة العقبات والإيعاقات التي تواجه تنفيذ اعمال العقد وحيث انكم قمتم بتنفيذ اعمال بقيمة لا تقل عن ٤,٥ مليون ريال بدون دفعة مقدمة وبدون حصولكم على تعابكم ومستحقاكنم حتى تاريخه ولكنكم اكنتم بالاستناد على عقدكم الموقع بالخصوص وبناءا على تفهمك بنا وبما كنا قد أكدناه لكم بأن حقوقكم مع الامانة مضمونه وفقا لما كان قد أكده لنا مهندس الامانة المشرف والادارة العامة للتنفيذ والإشراف والتي لمسنا تقديرها الكبير لجهودكم في انجاز اعمال ترحيل خطوط الكهرباء المعيقة للمشروع.

لذا، فإننا نقدر لكم هذه الجهود ونشكركم على تعاونكم معنا لتحقيق المصلحة العامة ولكم منا كل التقدير والاحترام.

م. جعفر الوكيل عايش
مدير المشروع
ابا الخيل مهندسون استشاريون



وتقبلوا تحياتنا



الخریف التجارية
Alkhorayef Commercial

Date: 07, May 2018

Letter of Appreciation

This issue to express our special appreciation for Power Line Contracting (PLC) for cooperation, service, technical support and submit complete design & suitable commercial Offer which lead us to Award **250KW** Hybrid solar system with Ministry of Energy, Industry and Mineral Resources – Jeddah.

We also confirm that PLC will be our subcontractor/JV in this project & looking for future ongoing cooperation in pleasing manner with our Group & looking for future business between our companies and seeking to achieve the same the same or even greater level of performance for all future projects.

With Our Warmest Regards

Alkhorayef Commercial

Mr. Faris Alqahtani





الشركة السعودية للكهرباء
Saudi Electricity Company

08 March 2016

POWER LINES EST. FOR CONTRACTING

Fax No. 2692971 / 011-269-2971

Email: ALAA@INTEE.NET

Attention: General Manager

Subject: Advance Pre-qualifications for Transmission Projects

Gentlemen:

Reference is made to your Advance Pre-qualification Request requesting pre-qualification for Transmission UG Cable Projects up to 132kV.

A thorough analysis of your request has now been completed. Saudi Electricity Company (SEC) decided to grant your company the chance to be awarded **One Tender Only** of our future Transmission Projects under the following category:

Project Category	Condition(s)
UG Cable project up to 132kV, in any SEC Operating Areas	1) The max Route Length in the Tender shall not exceed <u>Thirty (30) Kilometer.</u>

Qualifying you to be awarded One Tender as indicated above is an initial Stage and your Performance in procuring that project will be the basis of evaluating adding you to the List of Advanced Pre-Qualified Bidders for this type of Projects.

In view of this, you will be Invited accordingly when there is a Tender of similar project category as indicated above for open bidding; however when you are determined to be the lowest successful bidder in any tender, your participation in any other tenders will be put On-Hold.

If you have any question, you may contact Mr. Derick S. Arciso on Tel. No. (03) 858-5508 or thru e-mail address: DSARCISO@se.com.sa.

Kindly acknowledge receipt of this letter by signing on the space provided below and re-fax this page back to us thru Fax No. (03) 858-6733 for our file.

Very truly yours,

ABDULLAH S. AL-AMER, Manager
Transmission Contracts Division
Contracting Department - EOA

Acknowledged Receipt:

(Please send to Fax No. 858-6733)

Name in Print & Signature _____

Date: _____

cc: Manager – SSD – Fax No. 011) 807-7167



الشركة السعودية للكهرباء
Saudi Electricity Company

خدمات الإمداد والعقود
قطاع العقود
مكتب مدير إدارة العقود - مبنى أ
فاكس: ٨٠٧٨٦٨٤

الرقم: ١٥/٤٤٣/١٣٠٢١٢٠١
التاريخ: ٢٠١٥/١٠/٢٧

المحترمين

السادة / مؤسسة خطوط الطاقة للمقاولات
فاكس: ٢٦٩٢٩٧١ (٠١١)

عناية المدير العام
الموضوع: إشعار بالتأهيل لمشاريع التوزيع "تسليم مفتاح" لعام ٢٠١٥

السلام عليكم ورحمة الله وبركاته،،،
يسر الشركة السعودية للكهرباء أن تفيدكم أنه قد تم تأهيلكم لمشاريع التوزيع "تسليم مفتاح" للعام ٢٠١٥م للمجالات المذكورة أدناه:

الجهد	مجال التأهيل
حتى جهد ٣٤,٥ ك.ف	الكابلات الأرضية
حتى جهد ٣٤,٥ ك.ف	محطات التحويل


كما أن استمرار تأهيلكم يعتمد على مايلي:


- ١- المشاركة في المناقصات التي يتم دعوتكم لها.
- ٢- قدرتكم الفنية والمالية المستمرة.
- ٣- أدواكم لمشاريع الشركة السعودية للكهرباء التي تنفذ من قبلكم إن وجدت.

نرجو منكم تأكيد استلامكم لهذا الخطاب على الفاكس: ٨٠٧-٨٦٨٣ (٠١١) و إرسال صورة تأكيد الاستلام على البريد الإلكتروني BSSuhaibani@se.com.sa ، وإذا كانت لديكم أية استفسارات الرجاء الاتصال بمدير دائرة عقود التوليد والتوزيع على الهاتف رقم ٨٠٧-٨٩٤٠ (٠١١) , بريد الإلكتروني CRCGDDV@se.com.sa أو بالمهندس بسام السحيباني على الهاتف رقم ٨٠٧-٨٥٦٩ (٠١١). ولكم تحياتنا،،،




علي بن محمد الشهري
مدير إدارة العقود - منطقة أعمال الوسطى

التوقيع: 
الاسم: ماجد بن محمد العيسى
الوظيفة: مدير منطقة الوسطى



 رؤية 2030
 المملكة العربية السعودية
 KINGDOM OF SAUDI ARABIA



 وزارة التجارة والاستثمار
 Ministry of Commerce and Investment

شهادة تسجيل شركة

الاسم التجاري للشركة : شركة خطوط الطاقة للمقاولات
 نوعها : ذات مسئولية محدودة
 مدة الشركة : ٣٠ سنة
 مركزها الرئيسي : الرياض - التزمه - طريق الملك عبدالله

ص ب : الرمز البريدي : ١١٦٧٦ هاتف :
 النشاط : الأعمال الكهربائية ، إنشاء محطات الطاقة الشمسية ، إنشاء المباني ، أعمال صيانة وتشغيل المباني ، أعمال صيانة وتشغيل محطات الطاقة الشمسية ، الأعمال
 الميكانيكية ، أنشطة خدمات التنظيف العام للمباني ، أنشطة خدمات صيانة المباني

رقم : ١٠١٧٩٢٣٣
 التاريخ : ١٤٢٣/٠٥/١٨ هـ

رقم : ١٤٦٩/٠٨/١٦ هـ وتنتهي في : ١٤٣٩/٠٨/١٦ هـ
 جنسيتها : سعودي

رأس المال : ١٠٠٠٠٠ ريال سعودي
 المدبرون : خلد صالح عبدالعزيز العمري


١. خلد صالح عبدالعزيز العمري
 ٢. سلطان صالح عبدالعزيز العمري
 ٣.
 ٤.
 ٥.
 ٦.
 ٧.
 ٨.
 ٩.
 ١٠.
 ١١.


سلطات المدير/المديرون : صيب ما نص عليه عقد الشركة

يشهد مكتب السجل التجاري بمدينة الرياض : بأنه تم تسجيل الشركة المذكورة أعلاه بمدينة الرياض ، بتاريخ : ١٤٢٩/١١/١٩ هـ وتاريخ : ٣٩١٦/٠٦/٢٠٢٠ هـ بموجب :

وتنتهي صلاحية الشهادة في : ١٤٤٤/٠٤/٠٢ هـ بموافق الختم

مدير السجل التجاري للشركات : عبد الحسین بن إبراهيم الحماد
 التوقيع :







CERTIFICATE

<p>BQC CERTIFICATION BODY CERTIFIES THAT THE COMPANY</p>	<p>POWER LINES CONTRACTING COMPANY PO Box 3164, Riyadh 12471, Saudi Arabia</p>
<p>WITH SCOPE OF CERTIFICATION</p>	<p>Supply, Installation, Testing Comm. of Solar Energy System & Electrical Works</p>
<p>HAS DEVELOPED AND IMPLEMENTS A QUALITY MANAGEMENT SYSTEM THAT FULLY MEETS THE REQUIREMENTS OF</p>	<p>EN ISO 9001:2015</p>
<p>CERTIFICATE'S REGISTRATION NUMBER</p>	<p>100CN1817076149</p>
<p>CERTIFICATION AUDIT REPORT NUMBER 1st SURVEILLANCE AUDIT REPORT NUMBER 2nd SURVEILLANCE AUDIT REPORT NUMBER</p>	<p>6149 Certificate Validation Period from 29/06/2018 to 28/06/2019 — Certificate Validation Period from 29/06/2019 to 28/06/2020 — Certificate Validation Period from 29/06/2020 to 28/06/2021</p>
<p>The Audit Report Numbers are filled in annually after the successful completion of the Surveillance Audits and attest the continuous Conformity of the certified organization to the above Standard and the Validation of the Certificate for each designated period.</p>	
<p>1st SURVEILLANCE AUDIT UNTIL 2nd SURVEILLANCE AUDIT UNTIL</p>	<p>29/06/2019 29/06/2020</p>
<p>If the surveillance audits are not conducted according to the above deadlines, the certification of the Organization will be withdrawn and the Certificate has to be returned, since it remains a property of BQC.</p>	
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <p>ATHENS, 29/06/2018</p>   <p>ESYD IS Certification No. of Certificate 648</p> </div> <div style="text-align: center;"> <p>CERTIFICATION MANAGER</p>  </div> </div>	

BQC is a registered trademark

dun & bradstreet
D-U-N-S Number® Certificate

This is to certify that

POWER LINES CONTRACTING ESTABLISHMENT

Building No. 3164,
King Abdullah Road,
Riyadh,
Saudi Arabia

is now part of the
Dun & Bradstreet Global Database

D&B D-U-N-S Number®
55-784-8655



R Suryanarayan
General Manager Africa
Dun & Bradstreet South Asia Middle East Limited

August 21, 2016



صور الموقع SITE PHOTOGRAPHS



Power Lines Contracting

Making Dreams Come to life

MAKING DREAMS COME TO LIFE









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+966 55 378 4755
Fax: +966 11 21 011 03



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