

POWER DISTRIBUTION TECHNOLOGIES LTD (PODITECH)

Specialists in Electrical Power Line, Substations, Civil Works Contractor & a Supplier of Power line Materials (Transformers, Switchgears, Overhead Accessories, Underground Cables, Conductors).

COMPANY PROFILE



**P.O. Box 22916
Kampala Uganda
Tel: - +256 772 465 222**

**Email: - jamespoditech@gmail.com
Website: - www.poditech.net**

BACK GROUND

Power Distribution Technologies Ltd (PODITECH) was incorporated in a limited liability company in 2008 after existing for eight years. The company was established with purpose of capturing the opportunities created by the liberalization of the electrical power industry in Uganda.

PODITECH has the capacity execute projects in power generation, high voltage, medium voltage transmission and distribution.

The company is self-sufficient staffed with highly trained and experienced professionals with strong technical qualifications in the electrical power engineering industry.

Our employees are chosen for their term work spirit, competence and varied experience acquired through working with international electrical Power Contractors having undergone practical training and apprenticeship in a variety of challenging scenarios.

Our clients are from the heavy industrial sector, utilities and others.

We also work together with multinational engineering firms in a joint venture or as sub-contractors.



MISSION:



PODITECH

Is committed to a reputation of providing high quality and competitive products and services in the electrical power industry and related fields through excellent products supply, installation and commissioning services.

SERVICES:

We are able to undertake construction, refurbishment and maintenance of all electrical over head and underground lines from low voltage to up to 220 kilovolts, cable laying and jointing up to 33 kilovolts. We are also capable of doing surveying designing and consultancy

PODITECH does build , Test and Commission plants of 10mw - 50mw. Solar Substations.

PODITECH also does supplies of different products both Electrical and non electrical.



UTILITY:

- Overhead and underground power lines
- Dispatch and distribution sub-stations installation
- Stationary and mobile power stations installation
- Fibre optic ground wire (OPGW) installation
- Power, voice, visual and Data systems installation
- Communication Tower construction.





- Power sub-station, switch Gear, Panel and Cabling.
- Power systems upgrading and maintenance.
- House wiring/Electrical installation for domestic, commercial and industrial facilities
- Protection installation and service.
- Design and build projects.
- Design and build warehouse.

ENGINEERING:

- Enter into partners and joint ventures with other power and engineering companies to carry out testing services, power and control engineering works.
- Conducting emergency, periodical and routine (PREVENTIVE) inspection.

The senior management of Power Distributions Technology Ltd is staffed with highly trained, diverse and very experienced professionals with strong technical qualifications in the engineering fields of electrical, civil, mechanical, telecommunications with experience in planning, installation, forecasting, project management, finance and procurement.

Key personnel include electrical engineers, technical managers, field supervisors, technicians, civil engineers, mechanical engineers, surveyors, Health Safety Environment officers, finance managers with an average experience from 10 up to 40 years.

The Managing Director/ Projects Manager is an electrical engineer with 36 years' experience in the field of transmission and distribution in high voltage power systems. He also holds a Master's Degree in Electrical Engineering and boasts of a vast amount of training from accredited specialists in UK, USA, NORWAY, ITALY, GERMANY, CANADA, INDIA and SOUTH AFRICA.

The Managing Director is a member of Uganda Institution of Professional Engineers (UIPE) and is a Registered Member of Engineers Registration Board (ERB) with ERB Certificate No. 1036

Power Distribution Technologies Ltd (PODITECH) is also qualified by the PETROLEUM AUTHORITY UGANDA (PAU) on the National Supplier Database (NSD) with NSD Number NS- 13605/2021/2585.

The Managing Director has experience in various positions with Power Distributions Technologies Limited (PODITECH), Uganda Electricity Board (UEB) and Uganda Electricity Transmission Company Ltd (UETCL) in overseeing projects from initiation to close out. He specializes in Maintenance of Transmission Lines and Substations as well as Project Manager in Construction/Testing/Commissioning of new 132kV/33kV and 132kV/11kV Power Substations.



Date: 21-OCT-2021

QUALIFICATION ON THE 2021 National Supplier Database(NSD)

Dear: POWER DISTRIBUTION TECHNOLOGIES LTD

The Petroleum Authority of Uganda is pleased to inform you that you have been qualified on the 2021 National Supplier Database(NSD) for supply of goods, works and services in the oil and gas sector in Uganda.

Your NSD Number is: **NS-13605/2021/2585**

A list of all qualified companies, entities and individuals will be available on our website www.pau.go.ug under the National Supplier Database for your possible use in establishing business

Please note that this qualification is valid until 21-OCT-2024.

EXECUTIVE DIRECTOR

PETROLEUM AUTHORITY OF UGANDA

Tel +256 414 320 780, +256 414 320 423/4

Email: nsd@pau.go.ug

CONSULTANCY:

Provide consultancy services related to

- Power installation and maintenance
- Feasibility and market surveys and line designs (Profiling line pegg)
- Power line construction and supervision and commissioning
- Way leaves acquisition and compensation management
- General project design implementation supervision and evaluation.
- Solar Plants and Power substations
- HSE Audits, First aid training

CIVIL WORKS.



20MW SOLAR PLANT - KABULASOKE

Installation, Assembling, testing and Commissioning
Solar Plants like 20MW



CIVIL WORKS







SUBSTATION AND SWITCHGEAR WORKS



SUPPLIES

Powerline supplies/accessories; Transformers, Switchgears, Overhead Accessories, Underground Cables, Conductors

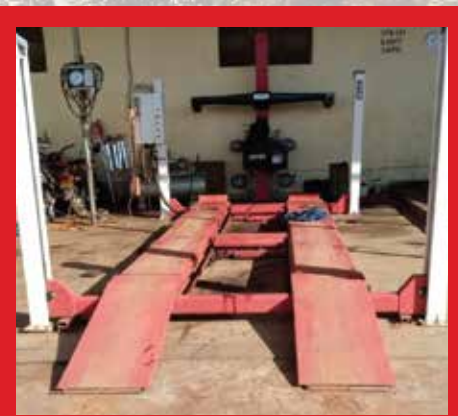


SUPPLIES

1. Solar Panels & Accessories :- Domestic and Industrial Solar Panels.
2. Industrial Personal Protective Equipments for electrol works, oil & Gas sector.
3. Machinery & Equipment for Civil works and Electrical works:- Generators, Compressors, Light and Heavy Vehicles.
4. Spare parts for Locomotive:- Vehicals & Moto cycle.
5. General Operations/Supplies:- Consumables, Construction Materials Office supplies, Relief Items, food staff.
6. Power Generating Equipments:- Heavy duty, Generators for large man camps.









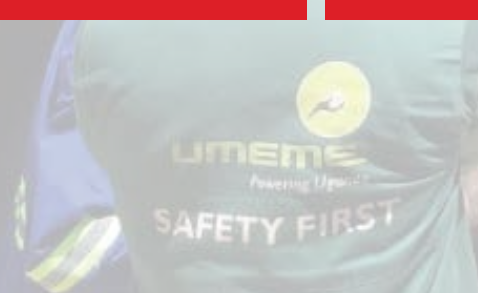


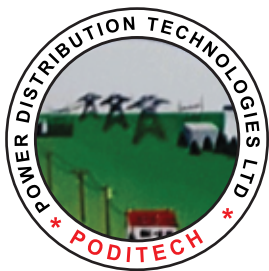




OVERHEAD LINES AND SUBSTATION WORKS







POWER DISTRIBUTION TECHNOLOGIES LTD

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TEL: +256-414-345216
FAX: +256-414-345216
MOB: +256-772-465-222
+256-700488-347

Company Experience

Sr. Number	Project Name & Nature of Contract	Project Description, Contract Duration & Year of completion	Name of client	Reference Contact	Project Cost[VAT EXCLUSIVE]
1.	Construction of REA schemes under ADB contract "AFDB/WRKS/18-19/00 6627 for Kassanda, Kyankwanzi, Mubende & Wakiso Districts"	130km Bush clearance Pit excavation, Pole positioning, erection & dressing of 2700 (9m, 12m & 14m) Poles. Stringing of 125km AAAC 50sqmm HV, 100km of ABCLV conductor Installation & commissioning of 25 distribution transformers. Status: Ongoing	STEG International Services Ltd.	Mr. Muhamed Bechir +256 758 675 599	950,000,000
2.	Refurbishment of Kajjansi & Entebbe Substation	Painting of plant house & guard house, Murram compaction & aggregate surfacing at Entebbe Substation. Storm water management at Kajjansi Substation Status: Ongoing	Umeme Limited	Mr. Kalule Edward Contact email: edward.kalule@umeme.co.ug +256 772 523 448	157,000,000
3.	Civil works for Switching Stations	Construction of Switching stations at Kigumba, Lyantonde West, Lyantonde Central & Sironko Completed: November 2021	Umeme Limited	Eng. Hassan Mayanja. Contact email: Hassan.Mayanja@umeme.co.ug +256 775 261 165	883,000,000
4.	Kampala South Kisubi 33kV feeder reliability. "Labour & Transport"	Installation of 3 motorised ABS, three(03) Auto reclosers. Upgrade of O/H ACSR 50sqmm RL-11.336km, ACSR50sqmm to 100sqmm RL-0.6km. Replacement of 303 rotten Poles & Twenty Transformer structures. Completed: 2021	Umeme Limited	Mr. Mugerwa Francis (+256 771 964 027)	330,000,000
5.	Ntami Investments Reliability Improvement "Labour & Transport"	Construction of seven 1MVA 33kV TX Plinth. Installation & Commissioning of seven 1MVA 33kV TXs and associated cable structures Completed: 2021	Umeme Limited	Mr. Mugerwa Francis (+256 771 964 027)	126,500,000
6.	Power Extension to Amosingo, Akabura 1 & Akabura 2 Villages. "Labour & Transport"	Installation & Commissioning of three 50KVA 11Kv TXs Construction of MV Power line, 11KV, R/L 8.3km Completed: October 2021	Umeme Limited	Mr. Rauben Mwesigwa (+256782 324 462)	110,000,000

Specialists In: Electrical Power Lines / Substations / Electrical Works Contractors

7.	Masindi-Alenga 33kV line restoration "Labour & Transport"	Reconstruction of MV line, R/L 7km. Status: Ongoing	Umeme Limited	Eng. Hassan Mayanja. Contact email: Hassan.Mayanja@umeme.co.ug +256 775 261 165	131,000,000
8.	Civil and Electrical works for the Namanve South UETCL 33kV Lines Integration "Labour & Transport"	Construction of Nine (09) RMU(4 CCC and 5 LCC) Plinths of concrete class C25. Design, manufacture, Supply and Installation of 4mx3m fibreglass for nine sites(4 CCC and 5 LCC). Effective earthing(below 1 ohm) at nine sites using bentonite clay, Safe handling & Transportation from Umeme Lugogo stores, Installation, Testing, Commissioning and cable termination of all the nine RMUs Contract Duration: 6months Completed: December 2020	Umeme Ltd International Energy Technik Uganda	Eng. Kimbowa Dansturn. (0773 030 326).- Project manager, Umeme Mr. Sairam G. (+256 755 739 999)- Director, International Energy Technik- Uganda	1,100,000,000 150,000,000
9.	Kiriri Substation Power Transformer Upgrade "Labour & Transport"	Supply & Installation of all materials necessary to earth the 5MVA 33/11kv Transformer. Earthing of the 5MVA 33/11kv transfoemer using bentonite clay to achieve 0.2ohms. Safe handling, transportation from kampala south substaton to Kiriri substation, Decommissioning of the 2.5MVA 33/11kV, Installation of 5MVA 33/11kV, Heat running, testing & Commissining of the Transfomer. Contract Duration: 1 Months Completed: 2020	Umeme Limited	Eng. Hassan Mayanja. Contact email: Hassan.Mayanja@umeme.co.ug +256 775 261 165	142,000,000
10.	Kamuli Substation Power Transformer Upgrade "Labour & Transport"	Supply & Installation of all materials necessary to earth the 5MVA 33/11kv Transformer. Earthing of the 5MVA 33/11kv transformer using bentonite clay to achieve 0.2ohms. Safe handling, transportation from Kisubi substation to Kamuli substation, Decommissioning of the 2.5MVA 33/11kV, Installation of 5MVA 33/11kV, Heat running, testing & Commissining of the Transfomer. Construction of a 15/20MVA transformer plinth, fitted with a galvanised steel grating, cable trenches and construction of earial earth. Contract Duration: 3 Months Completed: 2020	Umeme Ltd	Mr. Mugerwa Francis (+256 771 964 027)	325,000,000
11.	Nakawa substation Lines integration	Laying 300sqmm 33kV UG cableR/L 1530m, 185sqmm 11kV R/L 350m. Constructed 11kV OH line, 0.9km. Upgraded conductor from ACSR50sqmm to 150sqmm RL 410m Contract Duration: 3 Months Completed: 2020	Umeme Ltd	Mr. Johnson Okochi Projects Investment Manager	245,000,000



12.	REA PROJECT. Construction of Rural Electrification Schemes Under IDB III for Mpigi, Wakiso, Lwengo, Bukomasimbi and Kiruhura	STEG INTERNATIONAL Eng. Abdakhalek.	CONSTRUCTION OF RURAL ELECTRIFICATION SCHEMES 200km Bush clearance Pit Excavation, Pole positioning, Erection & Dressing of 3500 poles i.e. 9m, 12m, and 14meter poles, 2300 Stays Stringing of 65km of AAAC 100mmsq HV conductor, Stringing of 130km of AAAC 50mmsq HV conductor Installation of 40 Distribution Transformers. Completed : 2019	UGX 1,200,000,000 0
13.	UMEME PROJECT. Kampala Business and Industrial Park- Namanve (KBIP)	International Energy Technik (IET). Eng. Krishna	Excavation of Cable Trenches 1m width x 1.5m depth x 16km length, Coring under marram and tarmac road for a total length 318m, 400mm bit/bore Laying 25kM of 3Core185mmsq XLPE Cu 33KV Marine Cable. Making 100 3Core 33KV Straight Joints Making 25 3Core 33KV outdoor Terminations Making 12 33KV Psfister plug termination and connections to 33KV switchgears. Construction of 5 H-Pole structures for connection of 33KV feeders Testing and commissioning of the 33KV cable system and RMUS. Completed : 2019	UGX 2,050,000,000 0



14.	20MW Kabulasoke Solar Plant. Modules Connection	IMMODOA FRICA Eng. Luis Lires	<p>Connection of 3400 Modules of 20 panels each to form Strings 3600 Trunk cable connections 221 DC Combiner Boxes DC Wiring for 20km from Combiner Boxes to DC Recombiner at Power station DC Wiring (trunk dc wires) for 73km from modules strings to input of DC Disconnect Box Grounding System for a total length of 15km. Communication System of 3km AC Aluminum medium Voltage 36KV for a total of 10km. Electrical Connections of 10 Invertor pads. 33KV Switchgear and 1700 MV Electrical Connections Trenches Civil Works of a total length of 5km. Proctor Tests Installation Metro Station Commissioning HV Voltage Cable Testing Hot Spot Testing 60 33KV Indoor/Out Door Cable Terminations.</p> <p>Completed 2018</p>	USD 175,000 (665,000,000)
15.	20MW Kabulasoke Solar Plant, Construction of 33Kv Concrete Overhead Line	IMMODOA FRICA Eng. Luis Lires	<p>Engineering of 33KV Concrete Overhead Line. Supply and installation of Poles including Civil works Supply and Installation of 150mmsq AAAC Conductors, Cross arms, Connectors, Insulators, Terminations. Installation of Fibre Optics Cable</p> <p>Completed : 2018</p>	USD 55,000 (209,000,000)

16.	Refurbishment and Replacement of Rotten Transformer structures	UMEME Eng Brian Mwesige 0774-295-779 brian.mwesige@umeme.co.ug	Refurbishment and Replacement of Rotten Transformer structures, Completed 2018	UGX: 71,637,506
17.	Transformer injections in various parts of Uganda, On 33KV Feeder Lines	UMEME Eng. Alison Atwine 0772-720-200, alison.atwine@umeme.co.ug	Transformer injections In various parts of Uganda Completed 2017	UGX: 103,981,270
18.	Relocation of Electric Power lines in Mbarara Municipality 33KV & 11KV Feeders	Abubaker Technical Services and General Supplies limited Wasajja Timothy Abubaker	Relocation of Electric Power lines in Mbarara Municipality 33KV & 11KV Feeders Completed 2017	UGX: 95,000,000
19.	Relocation of Power line in Fort Portal Municipality 11KV Feeder and Transformer structures	Technical Services and General Supplies limited 0702-972-450 Wasajja	Relocation of Power line in Fort Portal Municipality 11KV Feeder and Transformer structures Completed : 2017	UGX: 78,200,000
20.	Relocation of Existing Services (Power lines)	China Wu Yi Co Limited P.O.Box 37825 K'la Uganda Sun Qitang	Relocation of Existing Services (Powerlines) Completed 2017	UGX: 180,000,000
21.	Transformer injections in various parts of Uganda, On 11KV Feeder lines.	UMEME Eng. Alison Atwine 0772-720-200, alison.atwine@umeme.co.ug	Transformer injections in various parts of Uganda Completed: 2017	UGX: 79,000,000
22.	Power supply to Tatgem Uganda Limited (Water & juice factory)	Tatgem Uganda Limited Mr. Tinkamanyire Mugisha 0752-442-240 sixteendegrees@tatgem.co.ug	Power supply to Tatgem Uganda Limited (Water & juice factory). Completed: 2017	UGX: 125,325,910

- RIC ENERGY:-
- IMMODA AFRICA:-
- UMEME:-
- INTERNATIONAL ENERGY TECHNIK(U) LTD:-
- MUKWANO INDUSTRIES:-
- UEDCL:-
- AK PLASTICS:-
- BLACKHOWARD INDUSTRIES:-
- A&B TELECOMS:-
- PALM CONSTRUCTION LTD:-
- RURAL ELECTRIFICATION AGENCY:-
- STEG INTERNATIONAL
- ABUBAKER TECHNICAL SERVICE
- CHINA WUYI CO. LTD
- TATGEM UGANDA LTD
- UGANDA COMMUNICATION COMMISSION
- KEC INTERNAL LTD
- FERDSUCT ENGINEERING SERVICE
- BAJBER MILLERS
- ESSENTIALS INTERNATIONAL
- AFRICA INITIATIVE FOR RELIEF AND DEVELOPMENT (AIRD/UNHCR)





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