

COMPANY PROFILE



...We inspire our World through Quality Solutions



ABOUT US

POTENT WORLD GLOBAL LTD is a company formed to consolidate Engineering, Procurement, Construction, Installation and Commissioning (EPCIC) efforts in the Oil & Gas Industry in Nigeria.

We are committed to deliver Cost Effective, Innovative, Quality solutions to our clients and specialized in offering our services by adopting leading edge technologies.

We are a totally focused organization, delivering (EPCIC) Solutions and within a short period of time have secured a sizeable customer base.

POTENT provides (EPCIC) solution to support projects from the initial requirement phase to the final implementation and Commissioning Phase.

POTENT provide complete instrumentation, Industrial Automation, Fire and Gas systems, Process control, Electrical and Power Systems, Facility Management, Turnkey Projects, Procurement and Technical Training services to clients in Africa and beyond.

We provide solutions geared towards customer needs, POTENT is focused on service delivery towards improving plant efficiency and optimizing business opportunities through modern technologies. We have keen interest in applying innovative technologies in solving technical challenges faced by our clients in their various locations.



MISSION VISION Statement

MISSION STATEMENT

To provide cutting edge solutions to our clients in a way and manner that will inspire our world.

VISION STATEMENT

To inspire our world through our noble, cost effective, innovative and quality solutions to our clients.



OUR CORE VALUE & PHILOSOPHY

G	R	A	C	E
God	Responsibility	Accountability	Commitment	Excellence



OUR PRODUCTS AND SERVICES

POTENT WORLD IS ENGAGED IN THE BUSINESS OF:-

PROCESS AUTOMATION & CONTROL

Our process automation expertise covers:

- Automation and integration planning
- Detailed engineering design
- Cross platform integrated control systems (PLC/HMI based configuration and programming)
 - Process control systems (PCS)
 - Safety instrumented systems (SIS)
 - Fire and gas systems (F&G)
 - CCTV systems
- Remote monitoring systems for wellheads, plants, terminals etc.
- Control panel fabrication
- Installation, startup and commissioning
- OEM, vendor specifications and procurement
- Project management

ELECTRICAL SYSTEMS

Our teams of electrical power system experts provide solutions in the following areas:

- Power management systems - intelligent load shedding, loading forecasting, energy accounting etc.
- Electrical switch gear and MCC package supply – MV & LV installation, testing and commissioning
- Critical power systems – UPS, inverters, chargers etc.
- Remote power solutions
- Electrical system studies using ETAP – load flow, grounding system, short circuit etc.
- Substation automation



- Electrical panel design and building
- Earthing and lightning protection systems

INSTRUMENTATION & CONTROL SERVICES

Our instrumentation team can help with:

- Flow metering
- Tank gauging systems
- Pipeline leak detection systems
- Instrument calibration services – valves, pumps, skids, recorders, gauges, transmitters, flow computers etc.
- Instrument procurement
- Plant start-up, operations and maintenance
- P & ID drafting services
- Loading arms/gantry (top loading, bottom loading)

VALVE SERVICING

Valves play an important role in process control, malfunctioning valves can lead to a variety of problems including; disruptive and inefficient plant operations, increased maintenance repair costs and even worse, overall process system failure. The accuracy and reliability of these instruments is therefore vital.

Our valve repair services offer solution for the diagnosis and repair of valves of all types and sizes. What we offer is a combination of skilled technicians and modern instrument calibration/ valve workshop environment allowing us to routinely perform operations that supersede our competitors.

Should your requirements be to provide on-site, routine or emergency repair services, you can count on our expertise to deliver services that assures you of the integrity of your instruments and consistent process control.

FIRE & GAS – DETECTION AND SUPPRESSION SYSTEMS

Our service offering includes:

- Fire & gas system design
- Detector layout plan



- System and equipment selection
- Panel layout design
- Procurement of associated equipment
- System installation, testing and commissioning
- Maintenance
- General fire suppression solutions

TECHNICAL TRAINING SERVICES

Process Control Courses

- Basics of industrial automation and control
- Introduction to PLC/HMI programming and development
- Advanced PLC programming and troubleshooting
- PID tuning certification and primary process control
- Advanced process control, PID tuning and beyond
- Control quality performance monitoring and adaptive control
- DCS training for control room operators
- Industrial OPC software for communication and control
- ICT Training and Consultancy

Electrical System Courses

- Variable frequency drives (DANFOSS & SIEMENS MICROMASTER)
- Electrical/control systems circuits interpretation
- Advanced industrial electrical systems

Instrumentation And Control Courses

- Instrumentation and control in process plants
- Calibration techniques and instrument maintenance
- Valves & pumps: selection, installation, operation and maintenance
- Modern pneumatic/electro-pneumatics fundamentals

MAN POWER SUPPLY AND DEVELOPMENT

PROJECT MANAGEMENT SERVICES



STANDARD INSTRUMENTS IN OUR E&I WORKSHOP

- | | |
|-------------------------------------------|-----------------------------------------------------|
| 1. Field / Hart Communication – 475 model | 13. Hydrotesting Pump |
| 2. Digital Indicator – Druck 610 – 615 | 14. Test Guages of different Ranges, Sizes |
| 3. Loop Calibrator | 15. Multimeter |
| 4. Process Calibrator | 16. Infra ray thermometer – optical |
| 5. Manual Digitals Test Bench – PSV, PRV | 17. Professional Touque Tester 920 series |
| 6. Dead weight Tester | 18. Gas Mixture bottle |
| 7. Comparator | 19. Manual/Digital Test Bench for valve calibration |
| 8. Temperature Calibrator | 20. Different Sizes, Ranges of Flanges |
| 9. Function Calibrator | 21. Complete Instrument tools box |
| 10. HP Generator wake – form | 22. Foxboro Kite etc |
| 11. Oscilloscope | |
| 12. Enerpac Hydraulic Pump | |

OUR EXPERIENCE IN PICTURES





OUR EXPERIENCE IN PICTURES



OUR PROJECT REFERENCES

S/N	CLIENT (S)	PROJECT DESCRIPTION	PERIOD	STATUS
2	TOTAL E & P NIG LTD	Calibration and Re-certification of Moisture Probes and Temperature Equipment for OML 58 Upgrade Project Repairs and Re-certifications of Reference Test Equipment	August, 2017 – Jan, 2018	Completed
4	NIGERIA LNG LIMITED	Procurement and Supply of ICT Materials e.g Printer, Cartridges etc Provision of ID Card Clips (Crocodile). Provision of FILM, hdp, 150 Images	March-April, 2017	Completed
5	TOTAL E & P NIG LTD	Revamping and Maintenance of Wel Compound, 132 Old Abad Road, PHC for Works & Maintenance Department <ul style="list-style-type: none"> Services For Fabrication of Outpatient chairs at Ikot Uba Community Health Center, AKS 	April 2017 - Till July, 2017	Completed
6	NIGERIA LNG LIMITED	Procurement and Supply of ICT Materials e.g Printer, Cartridges etc	March-April, 2017	Completed
7	TOTAL E & P NIG LTD	Procurement and Supply of Ace Butterfly Valves for Usan Projects Procurement and Supply of Cummins Spare Parts for Maintenance Projects	March 2017 - July, 2017	Completed
8	TOTAL UPSTREAM NIG LTD	Procurement and Supply of Ace Butterfly Valves for Shut-Down Procurement and Supply of CAT Generator Spare Parts	February 2017 - May, 2017	Completed
9	TOTAL E & P NIG LTD	Procurement and Supply of Ace Valves Procurement and Supply of Perkins Spare Parts for Maintenance Projects	May - Oct, 2016	Completed
10	TOTAL E & P NIG LTD	Calibration and Recertification of Moisture Probes and Temperature Equipment for OML 58 Upgrade Project Maintenance of CAT Generators at PHC Main Base	April, 2015 - 2016	Completed
11	EXXONMOBIL (MOBIL NIG ULTD)/ESSO)	Procurement and Supply of Valves, Basler Electric & Cummins Spare Parts for USAN, Erha Fields	Feb- Sept, 2015	Completed
12	PONTECELLI/TOTAL E & P	PSV Calibration for OFON 2 Project: *PSV Calibration using Ventil Testbench *Provision of Dual Pressure Recorders *Provision of PRVs/PSVs * Provision of E & I Personnel	Mar. – July 2015	Completed

13	TOTAL E & P/SNEF	Provision of E & I Personnel OFON 2 Project: Installation of field instruments, ESDV panels, marshaling cabinets, electrical panels, tubing, fabrication & installation of cable trays, cable pulling, gladding & termination of cables on Production and Wellhead platforms	Mar. – Sept. 2015	Completed
14	AOSORWELL LTD	Installation and Commissioning of Ventili PSV & Control Valve Test Bench: *Provision of E & I Personnel *Provision of Fittings, Tubing and Horses *Provision of E & I Materials & Consumables PSV Calibration for OFON 2 Project: *PSV Calibration using Ventil Testbench *Provision of Dual Pressure Recorders *Provision of Pressure Gauges *Provision of PRVs/PSVs Servicing and Maintenance of CAT Generator *Provision of Spare Parts *Top Overhaul of CAT Generators	Oct, 2014	Completed
15	PONTICELLI/TOTAL E & P	Upgrade Project: *Provision of E & I Personnel *Provision of Various E & I Equipment *Provision of E & I & Cummins Spare Parts Procurement of Security Safe D680 and Office Cabinet and Gaskets Fabrication of Chain Drag System for 18T Deck Trolley on FSO Unit Operations *Supply of Various Instrument Equipment *Supply of Instrument Personnel Procurement and Supply of Thermostatic Valves, O-Ring etc Procurement of ABB Switches and Electronic Transformers Repairs, Calibration and Recertification of Test Equipment Druck Calibrator Ultraprobe	Sept.-Dec.2014	Completed
16	AOSORWELL LTD	Septat Oben Gas Plant Electrical & Instrument	July-Aug. 2014	Completed
18	TOTAL E & P NIG LTD		June, 2014	Completed
19	TOTAL E & P NIG LTD		May, 2014	Completed
20	AOSORWELL LTD		May, 2014	Completed
21	EXXONMOBIL (MOBIL NIG ULTD)/ESSO		April- Sept. 2014	Completed
22	TOTAL E & P NIG LTD		Oct, 2013	Completed
23	TOTAL E & P NIG LTD		Aug – Oct, 2013	Completed
24	EXXONMOBIL (MOBIL NIG ULTD)	Procurement and Supply of Magnetic Sensor M202, and Compressor	July- Sept, 2013	Completed
25	TOTAL E & P NIG LTD	Provision of Wrenches for AMK Crane Intervention Project	July – Sept, 2013	Completed

26	TOTAL E & P NIG LTD	Procurement and Supply of Gasket, Injection Pump and Chain Drag System for 18T Deck Trolley on FSO Unit Operations	July - Aug 2013	Completed
27	TOTAL E & P NIG LTD	Fabrication of Bolts: A193 B7 Zinc Plated/Bichromate Treated for FSO Unity Operations	March - April, 2013	Completed
28	TOTAL E & P NIG LTD	Procurement and Supply of Tile, ODP ESR Floor False Floor Tile – Guardian System Polyflor SD Vinyl, Dimension: 600 x 600 x 59mm, Color: Steel Grey 5030 by Carrino Access Flooring, UK	March - July, 2013	Completed
29	TOTAL E & P NIG LTD	1. Procurement and Supply of Level Switch, Top Mounting, Flange 5k 100a Immersion Length 1156mm, 1 x Micro Switch by Hanla Level, Korea 2. Procurement and Supply of Saf Battery, SPH70 NI-CD, by Saf/AEG Power Solutions, France	March - July, 2013	Completed
30	NESTOIL PLC	Supply and Installation of Battery Charger, Mfg: Absaab, Capacity: 12v, 10Ah	May - June 2013	Completed
31	TOTAL E & P NIG LTD	Soil Stripping/Back Filling and Miscellaneous Earth Works At TEPNG Plot 61, Trans-Amadi Layout, Port Harcourt.	Oct - Dec, 2012	Completed
32	TOTAL E & P NIG LTD	Construction of Office Accommodation at New Pipe Yard, Trans-Amadi Layout, Port Harcourt.	July - Sept, 2012	Completed
33	TOTAL E & P NIG LTD	Fabrication of Pump Fittings for Offshore FSO Operations	July - August, 2012	Completed
36	TOTAL E & P NIG LTD	Construction of Concrete Barriers and Electrical Miscellaneous Works at 'TEPNG New Pipeyard', Trans-Amadi Layout, Port Harcourt.	Jan - March, 2012	Completed
38	BRISTOW HELICOPTERS, NAF Base, Port Harcourt.	Construction of Office Extension and Helipad	Nov, - Dec, 2011	Completed
39	PONTICELLI NIG LTD	Fabrication, Installation of Hose for Air Utility Line and Pressure Testing of Hose, Pressure Gauges, Recorders, Pipes, Flanges etc.	September, 2011	Completed
40	PONTICELLI NIG LTD (PH, Obagi OML 58)	Supply and Calibration of Instrument Equipment such Pressure Gauges, Recorders, Pipes, Flanges etc.	June, 2010	Completed
42	PONTICELLI NIG LTD (PH, Obagi OML 58)	Supply and Calibration of Instrument Equipment such Pressure Gauges, Filters, Transmitters, Recorders, Pipes, Flanges etc.	August, 2010	Completed
43	BRISTOW HELICOPTERS	Calibration of Weighing Scale, Flowmeters, Tanks etc	April, 2010	Completed
44	BRISTOW HELICOPTERS	Relocation of Two (2) Fuel Dispensing Units, Construction of Utility Air Line, Welding and Fabrication of Aviation Fuel Line and Civil Works	Oct. - Dec, 2009	Completed



• OUR TECHNICAL PARTNERS •

AV ACE VALVE COMPANY LTD, KOREA.
<http://www.acevalve.co.kr>
Ball Valve, Check, Butterfly Valves, Etc



▲ **AV-TM Series**
Triple Eccentric Metal Seated Butterfly Valve



▲ **AV-H, M and F Series**
High-performance Butterfly Valve



▲ **AV-E Series**
Disc Seated Butterfly Valve



▲ **AV-O Series**
Double Eccentric Cargo Butterfly Valve



▲ **AV-C Series**
Concentric Butterfly Valve



▲ **AV-L Series**
Cryogenic LNG LPG Butterfly Valve



▲ **AV-L Series**
Cryogenic Ball Valve



▲ **AV-L Series**
Cryogenic Gate Valve



▲ **AV-L Series**
Cryogenic Globe Valve



▲ **AV-L Series**
Cryogenic Swing Check Valve

• CARRINO ACCESS FLOORING LTD, UK •

Carrino specialise in the supply and installation of all types of Access Flooring (also known as raised access flooring, computer flooring, modular flooring or suspended flooring). Access floors provide a solution to the management of IT, mains, and phone cables, data and computer cabling and HVAC services in new or existing buildings.



QUALITY SERVICE ASSURANCE

Our quality assurance policy is defined and driven by our firm belief in continual service improvement. We aim to achieve this by implementing a management system that complies with the international standards of good practice; be it from our engagement with partners at the fore of their trade, our aliations with local and international standards bodies, to the adoption of best practices. After all, only by providing outstanding services can we be truly proud of the work we do.

SAFETY POLICY

We are setup to achieve and maintain high standards of environmental care, protection and management in all aspects of our activities. We adopt an approach built on harmonious interaction with the environmental. We shall avoid or minimize

any adverse environmental impact, damage and pollution resulting from our operation.

We are dedicated to upholding the implementation of these high safety standards through the implementation and maintenance of training and awareness forums, co-operative engagement and motivation of our employees, customers and other persons towards the adoption of safe work practices.

ENVIRONMENTAL POLICY

We are setup to achieve and maintain high standards of environmental care, protection and management in all aspects of our activities. We adopt an approach built on harmonious interaction with the environmental.



OUR CLIENTS





HEAD OFFICE

Plot 20, B Close, FHA Estate,
Off Trans-Amadi Industrial Layout, Amadi-Ama,
Port-Harcourt.

BRANCH / TRAINING CENTER

Plot 23, Abuloma Road,
Amadi-Ama, Port Harcourt, Nigeria.

LAGOS OFFICE

Plot 41, Fatai Arobieke, Off Admiralty Road,
Lekki Phase1, Lagos.

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