



CONGO
ONLINE SOLUTIONS SARL

Congo Online Solutions SARL

Supply Chain | Services | Projects | Consultancy

About us

Congo Online solutions SARL is based in Lubumbashi. It was incorporated in the year 2015 as Congolese share holding company and complies to DR Congo mining charter. COS pioneers in the field of IT supplies, IT projects, Electrical supplies, Panel Building, Instrumentation and Control, Industrial Automation, Process control Automation, Revamp projects and green-filled project consultancy.

Present Capabilities

COS employs professionals with vast experience in the field of Process control automation, sub-station/switch-yard power systems, repair of VSDs and Transmission line erection. PLC and SCADA development, Annual maintenance of transformers, Relay testing and calibration, VSD installation and repair. Power system analysis, providing solutions towards better protection of electrical installation, trouble-shooting the cause of failure of equipments.

Future Opportunities

COS plans to start a local workshop for panel building, electronics and instrumentation, motors and transformers, submersible pumps and slurry pumps under one roof.

Why us?

- * COS has an excellent track record for strong after-sales service to clients.
- * 24x7 Service support in erection, failure of equipments supplied by COS by a group of talented professionals.
- * Service support from OEM at client on onsite within a less time.
- * COS offers guarantee of replacement at our cost of any product supplied if the warrantee period is valid from OEM.
- * Consultancy of any new technology benefitting the client is canvassed by COS through client meetings or Road-shows organized by COS.
- * Consultancy on accurate instruments as per the usage by client.
- * COS professionals undertake design of panels and projects for clients.
- * COS professionals build the engineering for clients in PLC and SCADA systems.
- * COS undertakes annual maintenance contracts for motors, transformers, switch-yards, relay functionality, PLC and SCADA, VSD

Supply Chain Services

COS provides supply of genuine components from OEM (ABB, SIEMENS, SCHNEIDER) through partnership and hence maintains an edge over other local suppliers.

Electrical Items which COS offers to esteemed clients across Katanga region:

MV Switchgears:

Schneider: RM6 & SM6 series Ring Main units. (**COS is exclusive distributor**)

ABB: ZX series GIS & AIS (Unigear ZS1, Unigear 550, Unigear 550R and Unigear MCC)

SIEMENS: AIS Primary Switchgear NXAIR series, 8BT1.8BT2 , SIMOSEC

GIS Primary Switchgear 8DAB12, 8DA11, NXPLUS SBB

Secondary Switchgear 8DJH series

LV Products: ABB and SIEMENS, DANFOSS, VSD Drives, Motor Control Centers, LV ACB, LV VCB, Contactors, UPS and Motors

Measuring instruments: Pressure, density, flow, mass flow, totalize, analyzers, temperature sensors, thermocouples.

COS provides packaged items for METSO & FURNACE FABRICA under representative arrangement.

Flow Control Valves: KOSO

PLC & SCADA: ACS800XA from ABB, S7 series from SIEMENS, ROCKWELL AUTOMATION, DELTA SYSTEMS.

Electrical

T&D: Transmission towers, Conductors, insulators, Erection and maintenance

Substation: HV & MV switchgears, GIS and AIS, CT, PT, RMU, MV LDC, LV MCC, PFC, ATS for

Emergency power from Gen-sets, and transformers from Siemens, ABB, Crompton Greaves, Schneider

Rectifier Control: VSD, Rectifier control units, maintenance and erection.

Drive systems: SCR, GTO , IGBT based standalone and multi-drive systems with PWM controlled DC chopper Dynamic braking.

Motors: Servo BHL, DC motors, traction motors

AC Synchronous and Induction motors EX-proof, Flameproof from WEG, Motorelli, Danfoss, KSB, Franklin, Hoffman, ABB

Geared Motors: SIEMENS, BAUER.

Submersible and pump/motors: KSB, Franklin, Pulga pumps, Crompton greaves.

LED LIGHTS & SOLAR SYSTEM: Mono-crystalline, Poly-crystalline solar panels from REC, WARI and LEDs from Panasonic and Maiestas India.

Inverters & Ups: Schneider APC, Voltage stabilizers: SCR Switching controls

Instrumentation & Controls

Field Instruments: Flow measurement, Pressure measurement, Mass Flow Measurement, Temperature measurement, pH and conductivity, Density measurement, Distance measurement, Proximity sensing, LDR

Models we supply: Sensor elements, Signal transmitters, controllers, signals and alarms, actuated valves, logic circuits and operator interfaces.

Types: Orifice, Coriolis, Electromagnetic, Non-contact, radiometric, diaphragm, thermo-couple, pH sensors, IR sensors, Ultrasonic sensors.

Control System: We are exclusive suppliers and service partners for:

PLC: SIEMENS: SIMATIC series, SIPART series S7/300/400/1200/1400

ABB: ACS800 PEC, Micro motion Controls systems

SCADA: Honeywell, Yokogawa, ABB, Siemens

Customised Products

- * COS manufactures and sells under the brand **KALPA ELECTRKALS**
- * Low Voltage Current Transformers: Moulded Case, Resin cast, Tape insulated and Bushing type
- * Low Voltage Control Transformers: Epoxy Resin cast or VPI(single and three phase)
- * Medium Voltage Instrument transformers: Indoor Current, Outdoor Cycloaliphatic Current, Indoor voltage and outdoor cycloaliphatic voltage transformers. Oil Filled current and voltage transformers.
- * MV outdoor Combined CTPT
- * Line chokes and Reactors
- * Dry type Transformers for Underground mining operations: Voltage class 33KV and capacity upto 5MVA
- * Oil Filled transformers: Voltage class 33KV and capacity upto 10MVA
- * Core balancing current transformer, Earthing transformer, Neutral grounding transformer, residual voltage transformer, High frequency CT, Interposing voltage transformer, Rectifier transformer, inverter duty transformers, booster transformers.

Other Products

- * COS represents TATA STEEL-New material business in promoting the GRP and FRP products which are acid resistant and anti corrosive with strength equivalent to GI materials.
- * COS caters to FRP gratings for Electro winning Plants and GRP poles for lighting which are weather resistant and strong to wither torrential rains and winds.
- * COS promotes In the Industry segment, FRP storage tanks for HCL and diluted Sulphuric acid, DM water, acid oil and many other corrosive chemical tanks for chemical and process industries. We also supply FRP Pickling / Anodizing / Electroplating Tanks for Aluminum/ Copper Anodizing Plant.
- * Other supplies in this segment includes scrubbing equipment like Hoods, Ducts, Blowers, Scrubbers, Chimneys and complete Fume Scrubbing Systems for Pharmaceuticals, Fertilizer and Chemical industries. We also supply FRP Gratings, chequered plate, manhole, drain covers, cable trays and FRP roofing sheets.

Consultancy

Power Quality analysis, Relay Calibration, Repair of VSD: ABB and DANFOSS , Online Transformer Maintenance ,Tan-Delta tests for transformers and cables, Air-conditioning and cold room maintenance, Electrical maintenance of facility, Appliance test and tagging for safety of personnel, Statutory inspection of electrical installation for integrity and safety of your personnel, Earth resistance tests, Earth leakage protection tests for the safety of your personnel, MV switchgear maintenance, Residential electrical design, installation, maintenance.

Projects

COS has the following capability to undertake, execute and deliver with a team of skilled professionals: Panel Building within a short period and as per SANS and IEC standards.

T&D projects: Design, Supply and Installation

Substation and Load center projects: Design, Installation and Commissioning

Installation and calibration of Instruments: Supply with customized flanges

Installation and Commissioning of VSD and Motors

PLC and SCADA projects: Design of architecture as per process requirement, development of network, development of process programming, engineering, customization at site for SIEMENS, ABB,SCHNEIDER,ROCKWELL

Electrical Revamp, demolition and construction turn-key projects

Our Partners

COS has partnered with the reputed Electrical and Instrumentation manufacturers and service providers to enhance their capability and footprints in providing a reliable solution. Cos intends serious business in the field of Electrical and Instrumentation and standby their commitment to serve clients with utmost satisfaction.

COS partner firms include:

ABB

SCHNEIDER

SIEMENS

WIKA

KALPA

SIETRONICS

TATA STEEL: NEW MATERIAL BUSINESS

RHOSONICS

KROHNE

ENDRESS & HAUSER

Contact us

WE ARE YOUR TRUSTED PARTNERS IN GROWTH



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