



I T, Telecom & Networks
Electrical & Instrumentation
Mechanical & Engineering works
Civil & Construction

Quality In Everything We Do.

Our Business Verticals

IT Products & Services



- Hardware & Software
- Managed Services
- Repairs and maintenance services
- Consultation and Implementation services
- Project management & deployment

Electrical, Instrumentation & Control Systems



- Design, Engineering & Validation.
- Plant Consultancy Services
- Stand alone PLCs & Hot Redundant Automation Package
- PLC, SCADA, DCS, & HMI
- 3rd Party Integration services.
- FAT, SAT, Plant Start Up Services, testing & commissioning.
- Factory & Process Instrumentation
- PLC, VSD, SCADA, MCC, PCC, RIOs, DB & Electrical Panels
- Assembly & Fabrication.
- Site Engineering Services
- Documentation & Drawing Package.

Electromechanical & Fabrication Services



- Refurbishing & manufacturing of Cathode Plates using machinery from CATHODEX
- Mechanical fabrication services
- Manpower supply services
- Design of Hydraulic Manifolds
- Fabrication of puddle pipes, process lines, HDPE piping layout & welding
- SS & CS process piping works
- Design, manufacturing & supply of Pump Skids
- Manufacturing & supply of Tanks & Silos

Civil Construction Services



- Trenches, Cafeteria, Heavy-duty flooring
- Launderers & Check dams
- Commercial building, Offices & Hotels
- Industrial revamp of sheds

Electrical, Instrumentation & Control System Solutions



PANEL ENGINEERING



PROCESS CONTROL SYSTEMS



PROCESS DIGITALIZATION

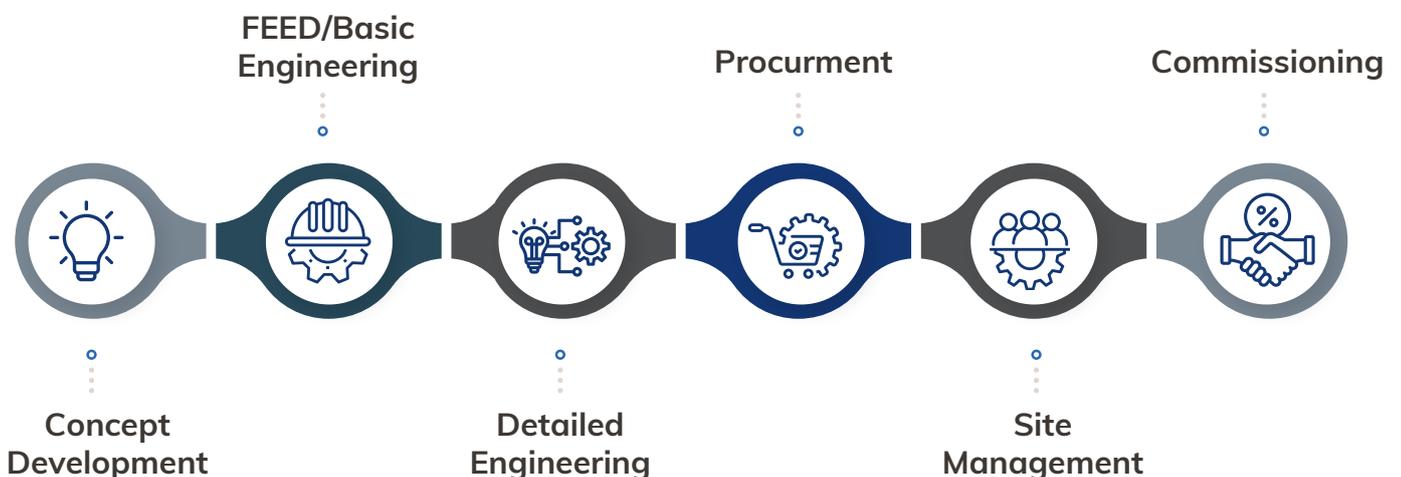


SPEED DRIVES & SOFT STARTERS



PROCESS INSTRUMENTATION

Mining Engineering Services



We provide Electrical & Instrumentation and Control System solutions to a diverse range of industrial sectors.

FOCUSED INDUSTRIAL VERTICALS	SOLUTIONS OFFERED
<ul style="list-style-type: none"> • Water And Wastewater • Metal Mining Minerals • Food and Beverage • Power and Energy • Renewable Energy • Oil & Gas • Specialized Electro Mechanical Projects 	<ul style="list-style-type: none"> • Collaborative and Integrated Architectures • High Availability Solutions • Modernization & Upgradation Solutions • Distributed Control System • Integrated Security and Video Management with Process SCADA • Process Optimization • Remote Monitoring and Control • Energy Management • MEP • Safety Solution – Safety Integrity Level • Control & Electrical Panels • Reliability Consultancy RBI, RBM RCA modules • Substation Automation (SCADA), Protection Designing, Maintenance Services (Transformer Maintenance (Online / Offline)

DEPARTMENT: ELECTRICAL INSTRUMENTATION & CONTROL SYSTEMS MINING SERVICES

SUPPLY CHAIN SOLUTIONS	ELECTRICAL SERVICES
<ul style="list-style-type: none"> • Control & Automation • Industrial Instrumentation • Industrial Networking • Fiber Optics Package • Data Acquisition Systems • Signal Conditioning & Interface • Industrial Networking • Industrial Electronics • Communication & Networking Cables • Electromechanical Products • Low Voltage Electrical Products • VSDs, Soft Starters, PLC, SCADA • High Voltage Substation Package • Type 61 Trackless Mining Cables • Flexible HO7RN - F Cables • High Power Rectifiers & Transformers • Electrical & Automation Panels. 	<ul style="list-style-type: none"> • Motor & Transformer Rewindin • Online Oil Filtration • Siemens MV Drive Services. • ABB Rectifier Servicing. • Panel Retrofit • Installation & Commissioning • Cable Laying & Termination • Earthing & Lightning Protection • LV & HV Electrical • Loop Checking & Loop Drawings Engineering and Implementation • Site Erection & Installation Activities • Skilled Man Power Supply

INSTRUMENTATION SERVICES	CONTROL SYSTEM SERVICES
<ul style="list-style-type: none"> • Instrumentation Cable Glanding & Termination • Installation and Hook-up of Field Instruments • Calibration of Instruments • Instrument Index Hook-up Drawings • Valves Servicing. • Process Skids. • Instrument Piping works • Plant Retrofits & Modification • Custody Transfer & Metering • P&ID Design & Engineering • Annual Maintenance Services. • Skilled Man Power Supply 	<ul style="list-style-type: none"> • Front end design & Engineering • Design of control system strategy • Preparation of Process Flow & Functional Description. • Detail Engineering & Design • Application Software Engineering and Configuration • Hardware Engineering and System Integration • Automation Package Expertise – <ul style="list-style-type: none"> ■ Siemens PCS7, winCC, S71500, S7300, 400 Systems. ■ Allen Bradley – Control Logix, Plant PAX system. ■ Emerson – DeltaV Systems • Installation, Testing On-Site and Plant Start-up / Commissioning • System and Software Testing • Factory Acceptance Testing (FAT)

CONSULTANCY SERVICES	MILD STEEL / STAINLESS STEEL PANELS
<ul style="list-style-type: none"> • Engineering Concept Design. • Process Instruments Upgrade. • Automation Package Upgrade. • Application & Plant Level Consultancy. • Brown Field Expansion Support • Front End Engineering Design (FEED) • Development of Base Design Package • Design of Plant Electrical Systems. • Lightning Protection Systems. • Solar Power Systems. • Transmission Lines, MV & HV Subs • Engineering, Procurement & Construction (EPC) 	<ul style="list-style-type: none"> • PLC Panels. • SCADA Panels • DCS Panels • Remote IO Panels. • Instrument JBs • Pneumatic JBs • Electrical JBs • Intelligent & Conventional Motor Control Centers. • Power Control Centers • Relay Panels • Mimic Panels • Variable Frequency Drive Panels • Soft Starter Panels • APFC Panels • Custom Built Panels. • Control Room PC Consoles



PROJECTS HANDLED SO FAR	PROJECTS HANDLED CONTD..
<ul style="list-style-type: none"> • Cable Tagging Project – Mutanda Mine Siemens MV Drive Services – • GH180(Robicon) & GM150 Drives – Mutanda Mine Siemens GH180 NXG Pro + Control Upgrade and • Recommissioning at Mutanada Mine 3 x 60kA ABB Rectifier Maintainaince Contract at KCC 	<ul style="list-style-type: none"> • ABB Rectifier Services – KCC, Boss Mining, SEK Kipoi & Metalkol Supply of 2 • x 315KW ABB ACS880 VSD Panels to Metalkol. Supply of Hitachi • MicroSCADA Panel for 120kV Substation at Metalkol. Supply of ABB 60kA High Power Rectifier to Metalkol • Service Level Agreement for support toSiemens PCS7 at MUMI OSI PI Acid plant system expansion at MUMI

About Us

Welcome to COS, your trusted partner for products and services. COS is created in 2013 by group of individuals with passion for delivering quality products and services to customers in DRC. We are committed to delivering excellence in every interaction, providing unparalleled service tailored to meet your unique needs. Our services are designed to meet both the immediate and long-term needs of our clients and are customised to take their business model as well as budget into account.

Our Mission

Our mission at COS is to redefine service excellence. We strive to exceed expectations, foster long-lasting relationships, and make a positive impact on the lives of our clients and communities.

What Sets Us Apart

Passionate Team: Our team comprises dedicated professionals who are passionate about delivering exceptional service. With a wealth of expertise and a customer-centric approach, we go above and beyond to ensure your satisfaction.

Customized Solutions: We understand that every client is different. That's why we offer personalized solutions tailored to your specific requirements, ensuring that you receive the support you need, when you need it.

Innovation: Innovation is at the heart of everything we do. We continuously seek new ways to enhance our services, leverage technology, and stay ahead of the curve to better serve you.

Integrity and Trust: Integrity and trust form the foundation of our business. You can rely on us to uphold the highest standards of honesty, transparency, and ethical conduct in all our dealings.

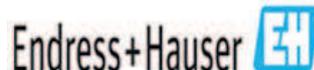
Our Culture

At COS, our culture is the cornerstone of everything we do. We believe in cultivating a workplace where every individual is valued, respected, and empowered to thrive.

Our culture is characterised by:

Collaboration and Teamwork, Continuous Learning and Growth, Transparency and Open Communication, Integrity and Ethics, Innovation and Creativity, Work-Life Balance, Celebrating Success, Giving Back to the Community.

COS TECHNOLOGY PARTNERS (OEMs)



Contact Us

+243 - 842525008

sales@cosrdc.com

www.cosrdc.com

Congo Online Solutions SARL
No. 618, Avenue Du 30 Juin,
Quartier Makutano
Commune Lubumbashi