



Renewable Energy

- Solar - PV
- Solar - CSP
- Wind
- Micro-Hydro



LeadEPC is a fast growing EPC turnkey, Multi-discipline company active in Structural, Mechanical, Electrical, Instrumentation & Control as well as Piping projects.

LeadEPC currently has a Level 1 BBBEE status with more than 51% black owner-

ship and 30% black women ownership.

CIDB Status of 8 ME & 8 EP

ISO Certification for ISO 9001:2015

OHSAS 18001:2007 & ISO 3834 Part 2



Oil & Gas

- Tank Farms
- Rail Loading Arms
- Pipe Lines
- Pump Stations
- Refineries
- Petro-Chemical



Fabrication

- Piping
- Structural Steel
- Vessels
- Tanks
- Conveyors & Structures



Metals

- Rolling mills
- Process lines
- Furnaces
- Casting
- Sinter plant
- Coke ovens



Transport & Industrial

- Tunnels, roads and trains
- Cement factories
- Water management
- Water purification
- Power plants

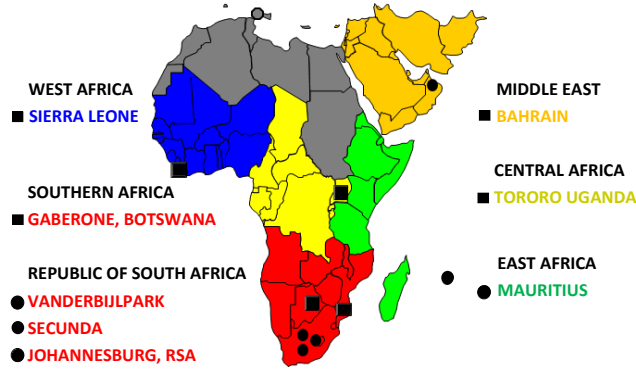


Mining

- Iron Ore
- Coal
- Rutile
- Gold
- Platinum
- Diamond

AREAS OF ACTIVITY

■ Project Office ● Office



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RESPECTED BLUE CHIP CLIENTS



Lead Engineering & Projects (Pty) Ltd

The management of LeadEPC have actively been doing EPC turnkey projects together in Sub Sahara Africa over the past 19 years. LeadEPC offers a full range of technical and project management skills including design, procurement, construction, commissioning and start-up to assist Oil & Gas, Mining, Metals, Cement, Renewable Energy and Infrastructure clients in developing new facilities. We specialise in the integration of new technologies to upgrade and expand existing facilities.

LEAEPC offer the following services:

- Engineering, Procurement and Construction Projects of Electrical, Instrumentation, Mechanical and Piping
- Control and Automation Solutions and System Integration
- Mechanical & Piping Fabrication
- Multi Discipline Engineering, Procurement and Construction for Specialist Vendor Balance of Plant

Lead from the front, in service, excellence and commitment

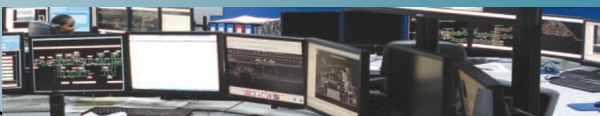
CONTROL & AUTOMATION

ENGINEERING SERVICES

- Software Development, System Configuration & Programming Including DCS, PLC, SCADA, ESD, VSD, Manufacturing Execution Systems Interfaces, HMI Graphic Design & Development
- Network and Field-bus Solutions
- Application & System Engineering
- Electrical Drive Analysis and Technology
- Control Solutions
- Automation Solutions
- Telemetry
- Safety Integrity Level “SIL” and Hazard Operability Study “HAZOP”
- Inspection and Tests, Factory Acceptance Tests “FAT” and Site Acceptance Tests “SAT”

IMPLEMENTATION SERVICES

- Remote Equipment Buildings and Local Equipment Rooms
- Test Equipment & Panels
- Staging & Material Control
- Construction
- Equipment Installation
- Loop and Systems Testing
- Electrical Testing
- Hot & Cold Cut-overs
- Commissioning & Integration



SPECIALIST E&I EPC

POWER & ELECTRICAL:

- Electrical Infrastructure
- Switchyard
- Substation MV Switchgear Transformers, MV Cabling
- MCC's, LV Switchgear, LV Cabling
- Electrical Controls
- Small Power & Lighting
- Earthing & Lightning Protection

INSTRUMENTATION & CONTROL

- Software Development
- Control Equipment
- Control and Instrument Cabling
- PLC and Process Control Systems
- Field Instruments & JB's
- Building Management Systems
- Fire Detection
- Public Address
- Plant Telecommunications systems
- Field Instruments
- Process and Pneumatic Hook-ups
- Instrument Calibration and Loop Checking

MECHANICAL & PIPING

- 3D Drawings & Models
- Fabrication - Piping / Structures
- Isometric Drawings
- Fabrication Drawings

MULTIDISCIPLINED EPC

SERVICES

- Studies
- Conceptual Engineering (FEED) – Integration to existing Process Flow Diagrams, P&ID's, Plant Layouts and Overlays
- Design & Assembly
- Engineering, Procurement & Construction
- Integration, Inspection & Testing
- Commissioning & Start-up
- Maintenance & Upgrades
- Disaster Recovery

IMPLEMENTATION

Project engineering, bulk procurement, construction and testing management, technical support and execution capability for the following disciplines:

- Earthworks
- Civils
- Structural
- Building
- Mechanical
- Piping
- Electrical
- Controls
- Field Instrumentation
- Communications

