

EXPERIENCE

4.1 General

Over its activity period, the firm has gained considerable experience in design, tender documentation, evaluation and installation of, Electrical/Electronics and Mechanical Engineering services.

4.2 EXPERIENCE

1. NATIONAL CEREALS AND PRODUCE BOARD (NCPB)

- Servicing and preventive maintenance of grain dryers and silo equipment at over 20 different sites throughout Kenya.
- Servicing and preventive maintenance of Transformers and switchgears at 10 different sites throughout Kenya.
- Servicing and preventive maintenance of Power factor correction plants at 11 different sites throughout Kenya. On going(2 year Contract Since 2004)

Approximate cost- Ksh 20,000,000/=

Contact: The Technical Manager, NCPB

2. NAIROBI CITY COUNCIL/NAIROBI CITY WATER & SEWERAGE CO. LTD

1. Amongst many other Projects with the N.C.C., SIGNAL EXCEL SYSTEMS LTD was awarded the tender to supply sewer concrete pipes and appurtenance parts for the financial year 2003-2004. The tender was valued at approximately Ksh. 15,000,000/=. The project was completed in February 2004.
2. Rehabilitation of Mugumoini ward street lighting – Ksh. 1,700,000/=
3. Supply, delivery, installation and commissioning of Dagoretti motors at Kabete water works pumping station- Ksh. 77,000,000/= on going, 70% complete
The work involves supply, installation and commissioning of:
 - i) Supply, installation and commissioning of 2 No. 300KW complete pumpsets and their control panels
 - ii) Supply, installation, and commissioning of 3 No. 300 KW slip ring motors and their control panels
 - iii) Supply, installation and commissioning of 1 set of ultrasonic flow meter

Contact: The Technical Director, Nairobi City Water & Sewerage Company Ltd

3. MINISTRY OF WATER RESOURCES MANAGEMENT AND DEVELOPMENT

Naivasha sewage rehabilitation works- Ksh. 16,700,000/=, complete.

This is a major sewage project, which involved complete rehabilitation of Naivasha sewerage system. It involved replacement and repairs of sludge pumps, aerators, screw pumps, Installation of a compressor and compressed air system, desludging of aeration ponds, sludge thickening tanks, sedimentation ponds and maturation ponds. It also involved security lighting and repairs of drying beds. The project also involved design, supply and installation of control panels. We designed and installed the panels

Contact: The Director of Water, Ministry of Water & Irrigation

4. KENYA MALTING LTD.

- 1 Risk management standard on electrostatic ignition. A risk assessment was carried out to identify potentially explosive atmospheres. The risk assessment evaluated the likelihood of electrostatic discharge being created. Consideration was given to the following areas:

Pneumatic conveying of the material
Pumped spirit transfer.
Emptying of the material from plastic containers.
Conveyors and material elevators.

Ksh. 250,000/=

- Repair of dust extraction control electronic cards for the aspiration system.

2. Design, Construction, Installation and Commissioning of a PLC based control system for elevator speed monitoring. Ksh. 500,000/=

5: KENYATTA NATIONAL HOSPITAL

Service and preventive maintenance of KNH high voltage switchgear and transformers.
Value Ksh. 2,344,000/= annually

Contact: Hospital Engineer, KNH