

**APPOINTMENT OF A SUITABLE AND ACCREDITED SECURITY SERVICE PROVIDER TO INSTALL THE ELECTRONIC ACCESS CONTROL SYSTEM (EACS) AT AGRICULTURAL RESEARCH COUNCIL (ARC) OFFICES – VEGETABLE AND ORNAMENTAL PLANTS (VOP) AND PLANT HEALTH PROTECTION (PHP).**

The Agricultural Research Council (ARC) has installed Softcon access control system at its various sites across South Africa and now wishes to expand by adding new installations at the ARC – Vegetables Industrial and Medicinal Plant Research (VIMP)) in Roodeplaat, Kwamhlanga / Moloto Road R573, Pretoria.

**COMPULSORY SITE INSPECTION**

The bidders are required to attend a compulsory site inspection in order to examine the site and its surroundings (environment) and, the quantities and nature of work, materials necessary for completion of the work and their availability, means of access to the site and in general to obtain all necessary information as to risks, contingencies etc. and other circumstances which may influence or affect the price.

**DETAILS OF REQUIRED SERVICES**

**SPECIFICATION**

1. Supply, installation and commissioning of Electronic Access Control System.

## SYSTEM GENERAL DESCRIPTION

- The Electronic Access Control System (EACS) shall be a secure, modular, extendable system designed to control and manage the movement of building occupants.
- The EACS is using a centralized Access Management Server configured, monitored and operated from web browsers and software clients located on at the control room Building Local Area Network (LAN).
- The EACS successful bidder must use the ARC infrastructure LAN.
- The successful bidder is allowed to use the ARC piping/sleeves between buildings where available.
- The Access Management Server is deployed on the Microsoft Windows operating system and capable of being run on a dedicated server or a remote virtual machine and able to support multiple simultaneous users.
- Enhanced system set-up editors which allow a wide variety of site requirements
- All wires must be in trunking or conduit

## Drawings

The contractor shall provide complete facility drawings including the following:

- Wiring schematics for all devices.
- All wires must be mark according to the wire schematics
- Complete block diagram of the EACS.
- ARC will provide VIMP buildings drawing in paper format to the successful bidder where available.
- All the wire diagrams/drawings must be provided to the ARC in a DXF or DWG format.
- All IP w.r.t. installation belongs to the ARC.

### Warranty & Software Maintenance Agreements

- Upon completion of the system installation, the contractor shall make available the manufacturers product warranty, applicable licences and software maintenance agreement.
- The EACS system must be guarantee for 12 months with a return fix time of less than 48 hours

**ACCESS CONTROL SYSTEM IS DESIGNED FOR THE ENTRANCES/EXITS AND CORRIDORS OF MAIN BUILDINGS OF VIMP CAMPUS AS FOLLOWS:**

**The ARC has the right to choose only certain aspects of the quotation as set out in the details specification document.**

**One contractor will do the selected work.**

Area			Control system								Optional Electricity Plug point for Softcon controller	
AREA	Location	Softcon Controller	HID Proximity card Reader	Emergency Break glass Unit	Key override switch	Wiring	Data point	Door Closer and Maglock	Power Plug for Controller		Unit price	Total Price
A7 Ext	Main Door	01	02	01	01	01	01	01	01		R	R

CONFIDENTIAL

A6	Exit Door	01	02	01	01	01	01	01	01		R	R
A6	Middle Door	01	02	01	01	01	01	01	01			
A4	Exit Door	01	02	01	01	01	01	01	01		R	R
A3	Exit Door	01	02	01	01	01	01	01	01		R	R
B1	Exit next Office Research Manager	01	02	01	01	01	01	01	01			
Agro processing (Standalone- There is no network connection)	Main Door	01	02	01	01	01	01	01	01		R	R

Door Repairs or replace

- Supplier can repair or replace doors hinges and handles where necessary

Network Specifications

- Supply And Install Poe 8 Port Switch where there Is no space on Arc Network Switch
- Additional network point X5
- Data point must be labelled

**NB: ALL SERVICE PROVIDERS ARE REQUESTED TO ATTACH A DETAILED BILL OF QUANTITIES PER ITEM.**

#### **PRICING SCHEDULE**

#### **SYSTEM GUARANTEES**

- ARC requires performance guarantees for all the systems for 12 months with a return fix time of less than 48 hours.
- The supplier shall stipulate the guarantee of the System according to ISO and SABS standards or any applicable related regulations or standards.
- The supplier shall in detail document what is covered by of the guarantee as well as the terms and conditions.

#### **SITE INSPECTION**

All invited suppliers are kindly requested to attend a compulsory briefing session in Roodeplaat, Kwamhlanga / Moloto Road R573, Pretoria.