

UPGRADE OF CCTV CONTROL ROOM (A2) SPECIFICATIONS

Agricultural Research Council at KwaMhlanga / Moloto Road R573, Roodeplaat, Pretoria has installed Dahua CCTV and wishes to do maintenance on the existing system. Prior to quoting all service providers are requested to attend a site briefing and get finer detail of the systems and related environment.

DETAILS OF REQUIREMENTS

NETWORK SPECIFICATIONS

- **Supply and install 4-piece 22U 600x800mm 3 Shelves 4 Fans Floor Standing Cabinet**

Cabinets specification

- Rack Height: 22U
- Shelves Included: 3
- Fans Included: 4
- Width: 600 mm
- Depth: 800 mm
- Load Capacity: 800 kg
- The cabinet must be lockable front and rear doors that provide secure access to the equipment inside.



WIRING & CABLES

For the system's wiring and cables, verify the following:

- Install network cables in a new 22U Network rack

- Supply and install trunking for network cables in a new rack
- Supply and install trunking for CCTV monitors in a new rack
- Supply and Install 10m HDMI cables
- Supply and install five
- Label newly installed cables

CONTROL EQUIPMENT

For the system's control equipment, verify the following:

Install 4 NVR in 22 Rack

Monitors are functioning properly

NVRs are functioning properly and providing distortion free recording.

Test recording

Check that all control equipment is operational. Clean all monitor screens, control panels, and keyboards

Check all power connections to ensure AC plugs are not loose.

CCTV Control Room

AREA	ITEM DESCRIPTION	QUANTITY
VOP Control Room (A2)	<ul style="list-style-type: none"> • Supply and install 22 U network cabinet • Move 4 NVR in Rack • Move Camera switch 8 POE switch in Rack • Label NVR • Test recording • Remove old cabinets on the wall • Repair network port on a board 	01
VOP Control Room (A2) Wiring cables	<ul style="list-style-type: none"> • Supply and install (100m Cat 6 Copper cable) • Supply install (Dahua 4MP IP Full-Color Camera, 30M) • Re cable network points 	01 05 05

	<ul style="list-style-type: none"> • Trunking 	
VOP Control Room NVR and Monitor	<ul style="list-style-type: none"> • Reconnect HDMI cables 	04
VOP Control room Power	<ul style="list-style-type: none"> • Supply dedicated plugs • Link Network cabinet with UPS 	02

GUARANTEES

- The supplier shall stipulate the guarantee of the CCTV System according to ISO and SANS standards or any South African CCTV System related regulations or standards.
- The supplier shall in detail document what is covered by the guarantee as well as the terms and conditions.
- The supplier shall in detail document on what will constitutes a “system failure”. In addition, what will be Response plan in the event of system failure after implementation (i.e. while the system is still on guarantee).