

## APPENDIX I

### BOQ Access Control

ACCESS CONTROL BOQ	Quantity	Comments
Multi door Site Controller	2	As per specification
Fingerprint and Card-based Door Controller with touch screen and reader with POE and IP65 and mount plate.	60	As per specification
Face recognition reader for Access Control and mount plate	10	As per specification
Fingerprint and EM Proximity Card based Door Controller for Access Control and mount plate	200	As per specification
Enrolment Station Face recognition	1	As per specification
Enrollment station fingerprint	2	As per specification
Do not touch the exit buttons	20	Supplier to specify
Door closures	100	Supplier to specify
Mag locks	100	Supplier to specify
Visitor self-service enrollment station kiosk	1	Supplier to specify
Visitor self-service enrollment station 12–14-inch tablets	2	Supplier to specify
Gooseneck with Base Plate Stainless Steel	16	Supplier to specify
Shielded CAT 6 cable as per spec / meter	80 meters per reader = 20 800 Meters	For bidding purposes, these costs will be calculated at 80 meters per camera. For invoicing purposes, the exact number of cables used will be calculated
Fiber 24 core single mode	2 000 meters	For bidding purposes, these costs will be calculated at 2 000 meters. For invoicing purposes, the exact number of cables used will be calculated
Steel conduit pipe – For outdoor	60 readers outdoor x 80 meter per camera = 4800 meters	For bidding purposes, these costs will be calculated at 80 meters per camera. For invoicing purposes, the exact number of cables used will be calculated
PVC conduit pipe – For indoor	200 indoor readers x 80 meter per camera = 16 000 Meters	For bidding purposes, these costs will be calculated at 80 meters per camera. For invoicing purposes, the exact number of cables used will be calculated
Media converters	40	Supplier to specify
Media Converter Rack	40	Supplier to specify
Rackmount 26 Port gigabit cloud managed switch with 24 PoE+ ports	40	As per specification
Rackmount UPSs	40	As per specification
Black wall-mounted server rack cabinet 4 tier	40	As per specification
Fiber Patch Panel rack mount	40	Supplier to specify
Centra Enterprise Grade web-enabled APPLICATION SERVER	2	Supplier to specify server suitable for the magnitude of the installation. One server as the main server and one as the redundancy server.
Software / License – Application / Platform for 1300 staff	1	As per specification
Software / License – Time and attendance module for 1300 Users	1	As per specification

Software/ License – Visitors Management for 2000 visitors per month, and 100 per day	1	As per specification. We are currently receiving 300 visitors per day
Software / License - Cafeteria Management for 1300 users per month	1	As per specification
Software / License - Contract Workers Management for 600 contract workers	1	As per specification
Server and system commission cost	1	To be discussed in the tender meeting
System integration cost per hour	1	To be discussed in the tender meeting
Admin training	3	To be discussed in the tender meeting
Operator Training	3	To be discussed in the tender meeting
Other (Access control related)	1	Bidders must include all additional equipment, travel, insurance, installation, commissioning, and others under this section
Supply and install TurnStar Waist height semi-automatic 180° opening, special needs gate.	3	<a href="https://www.turnstar.co.za/special-needs-gate-semi-automatic-180/">https://www.turnstar.co.za/special-needs-gate-semi-automatic-180/</a>
Supply and install TurnStar Waist height ultra-high-speed barrier, speed gate express	6	<a href="https://www.turnstar.co.za/speedgate-express/">https://www.turnstar.co.za/speedgate-express/</a>
Updating electronic building plans to indicate all changes if applicable. Both for CCTV and Access control.	1	30 AutoCAD files to be amended, and printed in PDF
Supply and install a Clearview fence – Wiretech™, Panel length 3050mm, panel height 3000mm, Galvanized, two side posts to match the panel, corner post to match post system.	4	As per BOQ
Supply and install a Clearview – Wiretech™ gate 1 meters pedestrian swing gate	4	As per BOQ