

DEPARTMENT OF TRADE AND INDUSTRY

DTI - MAIN CAMPUS

INSTALLATION

REV 0A

17 Oct 2025

SUMMARY

COST SUMMARY

ITEM	DESCRIPTION	TOTAL
1	SCHEDULE 1 - PRELIMINARY & GENERAL	
2	SCHEDULE 2 - CIVIL & ELECTRICAL	
3	SCHEDULE 3 - CONTROL ROOM	
4	SCHEDULE 4 - ACCESS CONTROL	
4	SCHEDULE 5 - IP SURVEILLANCE	
WORKS TOTAL (excl. VAT):		
VAT (@ 15%):		
WORKS TOTAL (incl. VAT):		

DEPARTMENT OF TRADE AND INDUSTRY					
DTI - MAIN CAMPUS					
SCHEDULE 1 - PRELIMINARY AND GENERAL					
SUBTOTAL FOR SCHEDULE 1 - PRELIMINARY AND GENERAL - CARRIED TO SUMMARY					
ITEM	DESCRIPTION	UNIT	RATE		
1.1	Mark-up percentage on any non-scheduled items (PC SUMs).	%			
ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
1.2	Site Establishment (Refer item 11.3 detailed scope of works)	SUM	1		
1.3	Insurance	SUM	1		
1.4	Security	SUM	1		
1.5	Travelling	SUM	1		
1.6	Telephone	SUM	1		
1.7	Guarantees (Contractors Guarantee)	SUM	1		
1.8	Others (Specify)	SUM	1		
1.9	Total Mark-up at the stated percentage for any non-scheduled items (PC SUMs).	SUM	1		
1.10	Total sum for all consumables required for this contract.	SUM	1		
SUBTOTAL FOR SCHEDULE 1 - PRELIMINARY AND GENERAL - CARRIED TO SUMMARY					R -

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DTI - MAIN CAMPUS

SCHEDULE 2 - CIVIL AND ELECTRICAL

SUBTOTAL FOR SCHEDULE 2 - CIVIL AND ELECTRICAL - CARRIED TO SUMMARY

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ITEM	DESCRIPTION	UNIT	QTY	SUPPLY	INSTALL	RATE	TOTAL
2.1	TRUNKING, CABLE TRAYS, AND SLEEVES						
2.1.1	SABS approved P9000 trunking, <u>including</u> all adapters, couplings, t-pieces, splits, bends, forks, corners, fastnings, brackets, screws, covers, anchors, suspenders, and any miscellaneous items required to make the installation complete, <u>resolved to a per meter rate</u> . <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	m	Rate				
2.1.2	SABS approved P2000 trunking, <u>including</u> all adapters, couplings, t-pieces, splits, bends, forks, corners, fastnings, brackets, screws, covers, anchors, suspenders, and any miscellaneous items required to make the installation complete, <u>resolved to a per meter rate</u> . <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	m	1000				
2.2	PVC CONDUITS						
2.2.1	SABS approved conduit PVC - 25mm, <u>resolved to a per meter rate</u> . The <u>rate must account for any and all</u> adapters, couplings, t-pieces, splits, bends, forks, fastnings, brackets, screws, <u>Sprague</u> , and any miscellaneous items that may be required to complete a typical cable route and make the installation complete <u>with a spacerbar saddle every 1m</u> . <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	m	Rate				
2.2.2	SABS approved conduit PVC - 20mm, <u>resolved to a per meter rate</u> . The <u>rate must account for any and all</u> adapters, couplings, t-pieces, splits, bends, forks, fastnings, brackets, screws, <u>Sprague</u> , and any miscellaneous items that may be required to complete a typical cable route and make the installation complete <u>with a spacerbar saddle every 1m</u> . <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	m	1000				

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SCHEDULE 2 - CIVIL AND ELECTRICAL

SUBTOTAL FOR SCHEDULE 2 - CIVIL AND ELECTRICAL - CARRIED TO SUMMARY

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ITEM	DESCRIPTION	UNIT	QTY	SUPPLY	INSTALL	RATE	TOTAL
2.3	SPARE FITTINGS						
2.3.1	SABS approved Steel 2 x 4 box recessed - <u>including</u> screws, and any miscellaneous items required to make the installation complete. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	Rate				
2.3.2	SABS approved PVC 2 x 4 box surface mount - <u>including</u> screws, and any miscellaneous items required to make the installation complete. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	Rate				
2.4	ELECTRICAL WORKS						
2.5.1	15 kVA Online double conversion 3 phase UPS N + 1. Lithium Ion Batteries <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the satisfaction of the Engineer and the Client.]</i>	EA	1				
SUBTOTAL FOR SCHEDULE 2 - CIVIL AND ELECTRICAL - CARRIED TO SUMMARY							R -

DEPARTMENT OF TRADE AND INDUSTRY DTI - MAIN CAMPUS							
SCHEDULE 3 - CONTROL ROOM UPGRADE							
ITEM	DESCRIPTION	UNIT	QTY	SUPPLY	INSTALL	RATE	TOTAL
3.1	MONITORS AND BRACKETS						
3.1.1	55 Inch-LED 0.88 IMAGE TO IMAGE (Item 4.3.1 in detail scope of works) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	10				
3.1.2	BRACKET – PUSH IN POP OUT HYDRAULIC TYPE (Item 4.3.2) in detail scope of works) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	10				
3.1.3	24 Inch Full HD Monitors <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	12				
3.2	CONTROLLERS AND PERIPHERALS						
3.2.1	8x12HDMI 8 input 20 output videowall controller (Item 4.3.3) in detail scope of works) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
3.2.2	Fibre Optic HDMI Cables 30 m lengths <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	12				
3.3	SERVER AND OPERATOR WORKSTATION						
3.3.1	Integration Server - Ironlink 4 Bay Rackmount server standard with 7.2TB usable storage Keyboard and mouse included. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
3.3.1	Control Room Desk capable of housing four(4) 24 Inch monitors including brackets - Comfortio Operator desk system of similar <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	3				
3.3.2	Control room operator chair (Item 4.5 in detailed scope of works) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	3				
3.3.3	Access Control Workstation - I7 processor, 16 GB RAM, 500 SSD, Quad Display <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	Ea	4				
3.4	RAISED FLOOR, RENEVATIONS						
3.4.1	Raised floor for both the equipment room and control room (Item 4.2 in detailed scope of works) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	m ²	50				
3.4.2	Renervations of the existing space <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	PC Sum	1	R 250 000.00	R -	R -	R 250 000.00
SUB TOTAL FOR SCHEDULE 3 - CONTROL ROOM UPGRADE - CARRIED FORWARD						R	250 000.00

DEPARTMENT OF TRADE AND INDUSTRY
DTI - MAIN CAMPUS

SCHEDULE 4 - ACCESS CONTROL SYSTEM

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY	INSTALL	RATE	TOTAL
4.1	CONTROLLERS						
4.1.1	CONTROLLER 7000 STANDARD <u>including all power supplies, backup batteries, terminations, brackets, fixing materials,</u> connections and interfacing to reader module(s), and all other accessories to make the installation complete. The controller must be able to function offline. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	51				
4.1.2	Gallagher OSDP 8 Port Hub <u>including all</u> terminations, mounting plates, brackets, <u>fixing materials,</u> connections and hardware interfacing, and all other accessories to make the installation complete. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	2				
4.1.3	8 HBUS module - including all terminations, brackets, fixing materials, and all other accessories to make the installation complete. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	21				
4.1.4	HBUS 8 in 4 out door module - including all terminations, brackets, fixing materials, and all other accessories to make the installation complete. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	10				
4.1.5	Controller 6000 I/O Mounting Plate including all terminations, brackets, fixing materials, and all other accessories to make the installation complete. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	51				
4.1.6	OSDP 8 Port hub including all terminations, brackets, fixing materials, and all other accessories to make the installation complete. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	51				
4.2	CONTROLLER CABINETS AND READERS						
4.2.1	Secure controller dual housing cabinet including 8A PSU, complete with mounting plates, tamper boards, spacers, fuse boards, wire fasteners and cable anti-strain measures to house controllers, modules and expansion boards, etc., including all brackets, <u>fuses,</u> and other accessories to make the installation complete. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	51				
4.2.2	Push-to-Exit (no-touch) sensors. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	5				
4.2.3	T15 MULTI TECH READER BLACK Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.] (Supplied, Installed, Tested, and Commissioned)	EA	472				
4.2.4	MIFARE DESFIRE ISO CARD 4K EV3 Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.] (Supplied, Installed, Tested, and Commissioned)	EA	1 000				
4.3	BIOMETRIC READERS AND ENROLMENT						
4.3.1	MORPHO SIGMA LITE MULTI (BIO+CARD+LED), complete with sundries required to make the fitting complete and the installation functional and compliant <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	4				

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SCHEDULE 4 - ACCESS CONTROL SYSTEM

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY	INSTALL	RATE	TOTAL
4.3.2	Take-On Reader for Biometrics – FINGERPRINT, USB, complete with all brackets and other accessories to make the installation complete. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.4	MAGNETIC AND ELECTRO-MECHANICAL LOCKS						
4.4.1	Magnetic Lock <u>300kg</u> : Standard Surface Mount, <u>Unmonitored</u> , complete with all brackets and mounting accessories. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	204				
4.5	BREAKGLASS UNITS						
4.5.1	BREAK GLASS TYPE 1 – ACCESS CONTROL : GREEN over-ride unit (No backbox), <u>resettable</u> . <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	204				
4.5.2	BREAK GLASS LENSES TYPE 1 – ACCESS CONTROL : GREEN RESETTABLE PLASTIC. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	204				
4.6	NETWORK EQUIPMENT						
4.6.1	UniFi Pro 24 - Port Switch with 2 GBIC PORTS <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	18				
4.6.2	Twenty Four (24) Way 19" CAT-6 Patch Panel [Krone 24 port CAT6 patch panel] <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	Rate				
4.6.3	Patch lead 1 m <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	Rate				
4.7	DOOR POSITION SWITCHES						
4.7.1	Door Position Switch Type 1 - Flush Mount complete with all accessories. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	204				
4.8	KEY-OVERRIDES AND OVERRIDE PUSH-BUTTONS						
4.8.1	Key-Override KS1 - Standard key-override fitted with <u>security torx screws</u> and secured with <u>loctite threadlocking</u> . <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	35				
4.8.2	Key-override KS2 - High Security Key-Override. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	Rate				
4.9	STAINLESS STEEL BACK PLATES						
4.9.1	Stainless Steel Back Plate (280mm x 280mm x 2mm) for Intercom / Breakglass / Proximity / Biometric Reader / Push-to-Exit as per the Engineer's design. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	408				
4.10	WIRING AND CONNECTORS						
4.10.1	Mylar cable 0.22mm ² x 8 core. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	m	10 000				

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SCHEDULE 4 - ACCESS CONTROL SYSTEM

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY	INSTALL	RATE	TOTAL
4.10.2	Mylar cable 0.5mm ² x 4 core. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	m	Rate				
4.10.3	<u>CAT-6 UTP Cable</u> , (Item 2.3 in Detailed scope of Works) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	m	10 000				
4.11	DOOR CLOSERS						
4.11.1	Door widths up to 950 mm (TS 91)Door Closers with slide chanel. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	110				
4.11.2	Geze automatic door closer EMD Slimline EMD-F <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	100				
4.11.3	Flexible Stainless Steel Armored Door Loop with ABS ends •EA-1045 Dimension Length : 393mm Door sensors. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	205				
4.12	SOFTWARE, CONFIGURATION, TRAINING, MAINTENANCE AND MANUALS						
4.12.1	Software (Command Centre) for all above-mentioned hardware capable of controlling all access controlled doors on the site. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	SUM	1				
4.12.2	Door License. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	SUM	246				
4.12.3	Encoder unit <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	SUM	2				
4.12.4	Workstation license . <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	SUM	6				
4.12.5	Photo ID and encoding License. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	SUM	1				
4.12.6	IDEMIA MSO330 WITH VERIF LICENSE BUNDLE <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	SUM	1				
4.12.7	System Configuration and integration with the following systems • BMS (Tridium) • IP Surveillance (Cathexis) • PA System (TOA) • Intercom (Commax) • Intruder detection system (DSC) • Electronic Key Management System <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	SUM	1				

DEPARTMENT OF TRADE AND INDUSTRY
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SCHEDULE 4 - ACCESS CONTROL SYSTEM

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY	INSTALL	RATE	TOTAL
4.12.8	Rest API view alarms and events (Cathexis) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.12.9	Video Viewer SDK (Cathexis) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.12.10	BACNET Base license (Tridium) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.12.11	BACNET object license (Tridium) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	200				
4.12.12	SIP Integration license (TOA) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.12.13	SIP Device license (TOA) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	20				
4.12.14	Traka license (Key Management) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.12.15	Kone and Schindler ELI license (Lifts) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.12.16	Rest API View Status license <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.12.17	Rest API Override license <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.12.18	Rest API create events and alarms <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.12.19	Integration Server - Ironlink 4 Bay Rackmount server standard with 7.2TB usable storage Keyboard and mouse included. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.13	CARE PACKAGE SOFTWARE AND LICENSING						
4.13.1	Door License SMA. <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	SUM	246				
4.13.2	Workstation license SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	SUM	6				

DEPARTMENT OF TRADE AND INDUSTRY

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SCHEDULE 4 - ACCESS CONTROL SYSTEM

ITEM	DESCRIPTION	UNIT	QTY	SUPPLY	INSTALL	RATE	TOTAL
4.13.3	Rest API view alarms and events SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.13.4	Video Viewer SDK SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.13.5	BACNET Base license SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.13.6	BACNET object license SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	200				
4.13.7	Visitor management self reg kiosk <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.13.8	SIP Integration license SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.13.9	SIP Device license SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.13.10	Traka license SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.13.11	Kone and Schindler ELI license SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.13.12	Rest API Override SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.13.13	Rest API create events and alarms SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.13.14	Rest API cardholders SMA <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	1				
4.14	MAINTENANCE						
4.14.1	12-months of Maintenance coinciding with the guarantee/warranty period for the equipment (5 callouts per month included).	SUM	1				
4.14.2	Additional callouts over and above what is included in the 12-months Maintenance coinciding with the guarantee/warranty period. Per callout.	EA	1				
SUB TOTAL FOR SCHEDULE 4 - ACCESS CONTROL SYSTEM - CARRIED FORWARD						R	-

DEPARTMENT OF TRADE AND INDUSTRY							
DTI - MAIN CAMPUS							
SCHEDULE 5 - CCTV							
SUBTOTAL FOR SCHEDULE 5 - CCTV - CARRIED TO SUMMARY							
ITEM	DESCRIPTION	UNIT	QTY	SUPPLY	INSTALL	RATE	TOTAL
5.1	CAMERAS						
5.1.1	Axis P1467-LE Bullet camera <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA					
5.1.2	Axis M4216-V 4MP Dome camera <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	152				
5.2	NETWORK POINTS						
5.2.1	CAT-6 UTP (Item 2.3 in Detailed scope of Works) <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	m	9120				
5.5	SERVERS, STORAGE, SORFTWARE						
5.5.1	CATHEXIS WINDOWS NVR3000 120TB STD <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	2				
5.5.2	Cathexis Premium License <i>[Including all sundries required to make the fitting complete and the installation functional and compliant to the requirements of the Engineer and the Client.]</i> (Supplied, Installed, Tested, and Commissioned).	EA	152				
5.5	TESTING AND COMMISIONING						
5.5.1	Testing, Adjusting and Commissioning of all the CCTVs per SANS 10222-5-1-4 including supplier support for configuration and setup.	SUM	1				
5.6	SPARES AND LABELLING						
5.6.1	Terminations, Connectors & Labels for all the above mentioned hardware (Supplied, Installed, Tested and Commissioned).	SUM	1				
SUBTOTAL FOR SCHEDULE 5 - CCTV - CARRIED TO SUMMARY							R -