

**VENUE:** 

Ref No: 740.17.5 Specification List Page 1 of 7 Approved by: Council Issue Date: 12/03/2015

di	Flavius Mareka TVET College
	Embrace your Future

SPECIFI(	CATION	LIST:	
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T11-25 WiFi PROJECT: Installation of WiFi and access control at: Kroonstad Campus, Sasolburg Campus, Mphohadi Campus, Lentehof Hostel Kroonstad

Flavius Mareka College

Delivery date: To be determined

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Service provider name and/or stamp

ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

- OFFER TO BE VALID FOR 120 DAYS FROM THE CLOSING DATE OF BID
- IN CASES WHERE DIFFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE SPECIFICATION LIST MUST BE SUBMITTED FOR EACH DELIVERY POINT
- If the offer does not comply with the specifications, clearly indicate deviations

Supply and deliver the following items

Vendor number

			Please give a	s much into	rmation as	s possible on the	item - it assi	st in the com	parison of th	ne quotes as we	ll as the evaluation
	ITEM DESCRIPTION:	Qty	Brand / Model	Country of origin	Size	Material (wood, plastic, glass, aluminum, etc.)	Capacity	Guarantee (if any)	Colour	Price per item	TOTAL PRICE IN RSA CURRENCY *(all applicable taxes incl)
	WIFI										
1	H3C WX2880X Access Controller										
1.	H3C WX2880X Access Controller with 10*1000BASE-T Ports and 2*SFP Plus Ports	6									
1.2	Enhanced Access Controller License,16 APs,for Verticals,for V7V9	6									
1.3	B Enhanced Access Controller License,64 APs,for Verticals,for V7V9	6									
1.4	H3C WA6620X Integrated Internal and External Antennas 4 Streams Dual Radio 802.11ax/ac/n	6									
1.	H3C 55V 60W PoE Adapter Power Supply	6									
1.6	2.4GHz(4dBi)&5.150~5.850GHz(7dBi),Dual Band Omni Antenna,N-J,Outdoor	24									

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2	H3C WA6620X Access Points										
2.1	H3C WA6620X Integrated Internal and External Antennas 4 Streams Dual Radio 802.11ax/ac/n Industrial Access Point,FIT	75									
	2.4GHz(4dBi)&5.150~5.850GHz(7dBi),Dual Band Omni Antenna,N-J,Outdoor	300									
2.3	H3C 55V 60W PoE Adapter Power Supply	75									
3	H3C WA6520 Internal Access Points										
3.1	H3C WA6520 Internal Antennas 4 Streams Dual Radio 802.11ax/ac/n Access Point,FIT	359									
4	H3C S5170-54 Port POE Switch										
4.1	H3C S5170-54S-PWR-EI L2 Ethernet Switch with 48*10/100/1000BASE-T Ports and 6*1G/10G BASE-X SFP Plus Ports,(AC),PoE+	15									
5	H3C S5170-28 Port POE Switch										
5.1	H3C S5170-28S-HPWR-EI L2 Ethernet Switch with 24*10/100/1000BASE-T Ports and 4*1G/10G BASE-X SFP Plus Ports,(AC),PoE+	15									

<sup>\* &</sup>quot;all applicable taxes" includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skill development levies

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6	10G SFP+ Single Mode Transceiver 1310m										
6.1	SFP+ Module(1310nm,10km,LC)	40									
7	Cabling										
7.1	Cabling accessories - Cabinets, trunking, trenching, cables, fiber, patch panels, brush panels and labour	1									
8	Data Line										
8.1	Data Line Upgrade to be compatible with the installations above all CAT5e - 6 to be upgraded to CAT7	1									
	ACCESS CONTROL										
	Camera Specification										
	Bullet Camera										
9.1	1/3" Progressive Scan CMOS; H.265+/H.265/H.264+/H.264/MJPEG; Color: 0.001 lux @(F1.0, AGC ON), 0 lux with LED on; 25fps/30fps(2688×1520, 2304×1296, 1920×1080); VCA functions; 3 streams; 3D DNR; BLC; ICR; IR LED; DC12V&PoE Built-in micro SD/SDHC/SDXC slot;	258									

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10	Dome Camera										
10.1	1/3" Progressive Scan CMOS; H.265+/H.265/H.264+/H.264/MJPEG; Color: 0.001 lux @(F1.0, AGC ON), 0 lux with LED on; 25fps/30fps(2688×1520, 2304×1296, 1920×1080); VCA functions; 3 streams; 3D DNR; BLC; ICR; IR LED; DC12V&PoE Built-in micro SD/SDHC/SDXC slot; HIK-Connect service;	36									
11	PTZ										
11.1	Focuses on human and vehicle targets classification based on deep learning     Support face capture. Up to 5 faces captured at the same time     1/2.8" progressive scan CMOS     High quality imaging with 4 MP resolution     Excellent low-light performance with powered-by-DarkFighter technology     25× optical zoom and 16× digital zoom provide close up views over expansive areas     Expansive night view with up to 100 m IR distance	6									

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12	NVR										
12.1	- False alarm reduction for up to 4-ch 1080P - Facial Recognition for up to 4 channels picture stream or 1 channels video stream - Facial recognition and perimeter protection cannot be enabled at the same time. Support 16 face libraries, up to 10,000 face pictures in total - 320Mbps Bit Rate Input Max(up to 16-ch IP video), 8 SATA Interfaces,2 HDMI ouputs,1 VGA port,,1 eSATA, alarm I/O: 16/8, 2U case,19"	6									
13	HDD										
	6TB Skyhawk,3.5inch	48									
13.1	OTB Skyllawk,3.3llicit	70									
14	System Management server with Software Suite complete with all necessary licenses										
14.1	E-2434×1/16GB DDR5*1/2T 7.2K SATA×2(RAID_1)/1GbE×2/600W(Dual power)/R360/1U/No DVD/winserver 2019/3 years PSP	1									
L											
	Number plate recognition software with										
15.0	Automatic Number Plate Reognition Camera Expansion package,Prerequisite: Video Surveillance Base Package. Warrant: None	6									
46	100 100										
	48* port POE switch										
16.1	PoE Switch with 48*10/100/1000BASE-T Ports and 6*1G/10G BASE-X SFP Plus Ports,(AC),PoE+	8									

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17	24/7 55" Video Wall Screen										
17.1	Ultra HD 3840 ×2160 @60 Hz. Wide viewing angle: Horizontal 178°, Vertical 178°. Multiple interfaces: HDMI, USB Build-in speaker, Audio 10W*2. Low blue light design for eye care	6									
18	Bracket										
18.1	Wall-mounted bracket, available for 43"-55" monitors	6									
19	Operators' Control PC										
	i7-12700/8G DDR4×2/M.2 1TB SSD×1/1GbE×1/300W/Small Form Factor/Win 10 IoT 64 bit/3 years 7*24 global platinum service with mouse and keyboard	3									
20	24/7 Manitan										
	24/7 Monitor										
20.1	21.5 inch FHD VA 100Hz speaker	6									

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21	Installation & travel										
	A single installation and travelling cost between campuses should be included	1									

Amount	
Vat:	
Grand Total	

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