

PRICING SCHEDULE

Bidders are requested to utilise the schedule provided below and avoid using their own schedules. Any item deemed to be necessary not specified below should be accommodated in the labour rate.

SCHEDULE 1: ADMINISTRATION BUILDING

Administration Building							
ITEM NO	ITEM NAME	PRODUCT DESCRIPTION	DESCRIPTION	DOQ	QTY	UNIT PRICE EXCL	TOTAL PRICE EXCL
1	Point		RJ45	Per point	100		
2	Camera	Brand: _____ Model: _____	4MP Bullet CMOS, ICR, 2688x1520:25fps, Ultra 265/H.265/H.264/MJPEG, Double stream, DC12V & PoE, Fixed lens 2.8mm, 4mm, IR range: up to 50m, 3-axis EasyStar: 0.005 Lux min. illumination	Each	8		
		Brand: _____ Model: _____	Dome CMOS, ICR, 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 25fps; 1080P (1920*1080), Max 30fps; Ultra 265/H.264/MJPEG, Triple streams, DC12V & PoE, 120dB WDR, (2.8mm, 4mm) fixed lens, IR range: up to 30m, Micro SD card slot, LightHunter: 0.003 Lux min. illumination	Each	14		
			Junction Boxes	Each	22		
			NPT ¾" Plastic Waterproof Cable Joint (i.e. attaches to junction boxes)	Each	44		
			24 Ethernet 10/100/1000 PoE+ ports 2 Gigabit Ethernet SFP ports	Each	1		

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4	Cabinet		6U Cabinet	Each	1		
5	Cable		500m Cat 6 UTP	Each	3		
			Radio Link	Each	2		
			Configuration	Each	1		
			Cat 6 24-Port Patch Panel	Each	1		
6	UPS		1KVA True Online Rackmount UPS	Each	1		
7	Services		UTP testing	Each	50		
			UTP labelling	Each	50		
			Schematic layout of network	Each	1		
			Accessories/Sundries (Cable ties, nails, raw bolts, etc.)	Each	1		
			Topology and Documentation	Each	1		
8	Labour	Labour for all works. Labour rate should include all consumables, accessories, conduits that may be necessary including the hiring of any equipment and such as cherry pickers, splicing of fibre and etc.		Each	1		
SUB-TOTAL AMOUNT EXCL							

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SCHEDULE 2: NEW TERMINAL BUILDINGS (OLD TERMINAL AND NEW TERMINAL)

TERMINAL							
ITEM NO	PRODUCT DESCRIPTION	ITEM NAME	DESCRIPTION	DOQ	QTY	UNIT PRICE EXCL	TOTAL PRICE EXCL
1		Point	RJ45	Per point	400		
2	Brand: _____ Model: _____	Camera	4MP Bullet CMOS, ICR, 2688x1520:25fps, Ultra 265/H.265/H.264/MJPEG, Double stream, DC12V & PoE, Fixed lens 2.8mm, 4mm, IR range: up to 50m. , 3-axis EasyStar: 0.005 Lux min. illumination	Each	60		
	Brand: _____ Model: _____		Dome CMOS, ICR, 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 25fps; 1080P (1920*1080), Max 30fps; Ultra 265/H.264/MJPEG, Triple streams ,DC12V & PoE, 120dB WDR, (2.8mm,4mm) fixed lens, IR range: up to 30m, Micro SD card slot, LightHunter: 0.003 Lux min. illumination	Each	22		
	Brand: _____ Model: _____		Fisheye 1/1.7" CMOS, ICR, 12MP (4000x3000): 15fps; 9MP (3000 x 3000): 15fps, 6MP (2560x 2560): 25fps, Ultra 265, 8 Streams (1 fisheye view (Triple streams), 1 panoramic view, 4 PTZ View), DC 12V & PoE, Micro SD card slot, Alarm in/out 2/1, Audio & Mic & Speaker, BNC output, IP66 & IK10, 1.8mm fixed lens, IR range: 10m	Each	5		
	Brand: _____ Model: _____		PTZ 1/1.8" CMOS, ICR, 2688*1520:30fps, Ultra 265/H.264/MJPEG, Five streams, AC24V/DC24V/PoE(IEEE 802.3bt), Micro SD card slot, Alarm in/out 7/2, Audio, -40-70°C, IP66, 40x optical zoom(5.7~ 228mm), IR range: up to 250m, IR anti-reflection window	Each	4		
			Ultra H.265 - 5MP WDR Starlight Indoor Mini PTZ (5x Optical Zoom)	Each	2		
			Junction Boxes	Each	91		
			NPT ¾" Plastic Waterproof Cable Joint (i.e. attaches to junction boxes)	Each	182		

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3		Ethernet Switch	24Ethernet 10/100/1000 PoE+ ports 2 Gigabit Ethernet SFP ports	Each	6		
4		Cabinet	6U Cabinet	Each	6		
5		CABLE	500m Cat 6 UTP	Each	10		
			Radio Link	Each	4		
			Configuration	Each	1		
			24-Port Cat 6 Patch Panel	Each	6		
6		UPS	1KVA True Online Rackmount	Each	6		
7		Services	UTP testing	Each	200		
			UTP labelling	Each	200		
			Schematic layout of network	Each	6		
			Accessories/Sundries (Cable ties, nails, raw bolts, etc.)	Each	1		
			Topology and Documentation	Each	6		
8		Labour	Labour for all works. Labour rate should include all consumables, accessories, conduits that may be necessary including the hiring of any equipment and such as cherry pickers, splicing of fibre and etc.	Each	1		
		SUB-TOTAL AMOUNT EXCL					

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SCHEDULE 3: PERIMETER AND FIRE & RESCUE BUILDINGS

PERIMETER AND FIRE & RESCUE BUILDINGS							
ITEM NO	PRODUCT DESCRIPTION	ITEM NAME	DESCRIPTION	DOQ	QTY	UNIT PRICE EXCL	TOTAL PRICE INCL
1		Point	RJ45	Per point	250		
	Brand: _____ Model: _____	Cameras	2MP PTZ 1/2.8" CMOS, ICR, 1920x1080:60fps, Ultra 265/H.264/MJPEG, Five streams, AC24V/DC24V/PoE (PSE Required), Micro SD card slot, Alarm in/out 2/1, Audio, -40-70°C, IP66, 33x optical zoom(4.5 ~ 148.5mm), VF Laser, Up to 500 m , Ultra-low-light(LightHunter)	Each	40		
	Brand: _____ Model: _____		Optical : 1/1.8"sensor, 2688*1520@30fps, Ultra 265/H.265/ H.264/MJPEG, Triple streams, DC12V(±25%)/PoE(IEEE802.3af),Up to 50m (164 ft) IR range Thermal camera : 256*192@30fps,3,2mm fixed lens, NETD≤55mk,12µm pixel size	Each	42		
	Brand: _____ Model: _____		4MP Bullet CMOS, ICR, 2688x1520:25fps, Ultra 265/H.265/H.264/MJPEG, Double stream, DC12V & PoE,Fixed lens 2.8mm,4mm, IR range: up to 50m. , 3-axis EasyStar: 0.005 Lux min. illumination	Each	10		
			5MP Bullet 1/2.7" CMOS, ICR, 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 2MP(1920*1080), Max 30fps; Ultra 265/H.265/H.264/MJPEG, Triple streams ,DC12V & PoE, 120dB WDR, 6mm fixed lens, LED distance: up to 30m, IR anti-reflection window, Micro SD card slot, 0.001 Lux min. illumination	Each	84		
			310W Solar Panel (supplier must provide costs to cover a fully functional CCTV solution, inclusive of all the required solar panels)	Each	80		
			6m Pole 8.5kN Galvanised Steel		40		

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			Solar connectors and cabling		40		
			Solar panel frames		40		
			Battery 150AH		80		
			Charge controller 30A 12/240VDC		40		
			48V PSU		40		
			Inverter 24V to 220V		40		
			Pole mount enclosure		40		
			Fiber trenching (supplier must provide costs to cover a fully functional CCTV solution, inclusive of all required fibre installation)		1	PROVIDE COSTS	
			Electrical reticulation		40		
			Earthing and surge protection		40		
			Junction Boxes	Each	176		
			NPT ¾" Plastic Waterproof Cable Joint (i.e. attaches to junction boxes)	Each	360		
3		Ethernet Switch	8-Port Gigabit Smart POE Switch, 8 PoE/POE+ Ports with 2 Gigabit SFP uplink ports, 60W- 240W PoE power budget, Industrial Steel Case	Each	40		
4		Ethernet Switch	24-Port Ethernet 10/100/1000 PoE+ ports 2 Gigabit Ethernet SFP ports	Each	1		
5		Cabinet	6U Cabinet	Each	1		
6		UPS	1KVA True Online Rackmount	Each	41		
7		Cabinet	Outdoor 6U IP 65 cabinet	Each	40		
8		Cable	500m Cat 6 UTP	each	3		
			Configuration	Each	41		
9			UTP testing	Each	400		
			UTP labelling	Each	400		

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			Schematic layout of network	Each	2		
			Accessories/Sundries (Cable ties, nails, raw bolts, etc.)	Each	1		
			Topology and Documentation	Each	2		
10		Labour	Labour for all works. Labour rate should include all consumables, accessories, conduits that may be necessary including the hiring of any equipment and such as cherry pickers, splicing of fibre and etc.	Each	1		
		SUB-TOTAL AMOUNT EXCL					

SCHEDULE 4: MAIN GATE + PARKING AREA

MAIN GATE + PARKING							
ITEM NO	PRODUCT DESCRIPTION	ITEM NAME	DESCRIPTION	DOQ	QTY	UNIT PRICE EXCL	TOTAL PRICE EXCL
1		Point	RJ45	Per point	200		
2	Brand: _____	Camera	4MP Bullet CMOS, ICR, 2688x1520:25fps, Ultra 265/H.265/H.264/MJPEG, Double stream, DC12V & PoE, Fixed lens 2.8mm, 4mm, IR range: up to 50m. , 3-axis EasyStar: 0.005 Lux min. illumination	Each	25		
	Model: _____						
	Brand: _____		Dome CMOS, ICR, 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 25fps; 1080P (1920*1080), Max 30fps; Ultra 265/H.264/MJPEG, Triple streams, DC12V & PoE, 120dB WDR, (2.8mm, 4mm) fixed lens, IR range: up to 30m, Micro SD card slot, LightHunter: 0.003 Lux min. illumination	Each	7		
	Model: _____						
	Brand: _____		4MP LPR CAMERA 1/1.8" CMOS, ICR, 2688x1520:30fps, Ultra 265/H.264/MJPEG, Triple streams, DC12V, POE, Micro SD card slot, Alarm in/out 2/1, Audio, -50-60°C, IP67, IK10, 4x optical zoom(8-32mm), IR range: up to 50m	Each	15		
			Junction Boxes	Each	47		
			NPT ¾" Plastic Waterproof Cable Joint (i.e. attaches to junction boxes)	Each	100		
3		Ethernet switch	24 Ethernet 10/100/1000 PoE+ ports 4 One Gigabit Ethernet SFP ports	Each	2		
		Ethernet switch	8-Port Gigabit Smart POE Switch, 8 PoE/POE+ Ports with 2 Gigabit SFP uplink	Each	5		

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			ports, 60W- 240W PoE power budget, Industrial Steel Case				
4		Cabinet	6U Cabinet	Each	1		
			Outdoor 6U IP 65 cabinet	Each	5		
5		Cable	500m Cat 6 UTP	Meter	3		
			Radio Link	Each	6		
			Configuration	Each	6		
			Cat 6 24-Port Patch Panel	Each	2		
6		UPS	1KVA True Online Rackmount	Each	6		
7		Services	UTP testing	Each	110		
			UTP labelling	Each	110		
			Schematic layout of network	Each	2		
			Accessories/Sundries (Cable ties, nails, raw bolts, etc.)	Each	1		
			Topology and Documentation	Each	2		
8		Labour	Labour for all works. Labour rate should include all consumables, accessories, conduits that may be necessary including the hiring of any equipment and such as cherry pickers, splicing of fibre and etc.	Each	1		
SUB-TOTAL AMOUNT EXCL							

SCHEDULE 5: CONTROL ROOM AND OPERATOR SUITES

CONTROL ROOM/OPERATOR SUITES						
ITEM NO	ITEM NAME	DESCRIPTION	DOQ	QTY	UNIT PRICE EXCL	TOTAL PRICE EXCL
1	VMS, Hardware with Licensing	2000 Channel VMS, 48x SATA Interface - 672TB Storage, Ultra265, H.265, H.264, HDMI (x2) and VGA(x1) output; HDMI output supports 4K resolution INCLUDING LICENSING	Each	2		
		Redundant Power Supply	Each	2		
		27U Cabinet with 4 fans and 6 shelves	Each	2		
		Decoding card	Each	2		
	NVR	64-ch AI, 8 SATA interface, 2U, H.265&4k with AI	Each	4		
		Dome CMOS, ICR, 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 25fps; 1080P (1920*1080), Max 30fps; Ultra 265/H.264/MJPEG, Triple streams ,DC12V & PoE, 120dB WDR, (2.8mm,4mm) fixed lens, IR range: up to 30m, Micro SD card slot, LightHunter: 0.003 Lux min. illumination	Each	4		
2	Ethernet SWITCH	24-Port L2 Managed POE 10G Switch, 24 Gigabit RJ45 POE/POE+ Ports, 4 *10G SFP+ Slots, 370W PoE power budget,19-inch Rack-mountable Steel Case	Each	4		
3	HDD	SURVEILLANCE DRIVE 14TB 7200RPM 3.5" SATA 3 YEAR WARRANTY	Each	76		

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4	NAS	144 TB, Supported storage drive interfaces: Serial ATA, Serial ATA II, Serial ATA III, Ethernet LAN data rates: 10,100,1000 Mbit/s, Supported network protocols: CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN). Chassis type: Rack (2U), Cooling type: Active,	Each	2		
		Electrical Works (supplier must provide costs to cover a fully functional CCTV solution, inclusive of Electrical COC).	Each	1	PROVIDE COSTS	
5	UPS	3KVA Rackmount	Each	4		
6	Services	UTP testing	Each	50		
		UTP labelling	Each	50		
		Schematic layout of network	Each	1		
7	Control Room	Built-in Design and Installation of a Fully Furnished Control Room	Provisional Sum	1	R100 000.00	R100 000.00
8	Labour	Labour for all works. Labour rate should include all consumables, accessories, conduits that may be necessary including the hiring of any equipment and such as cherry pickers, splicing of fibre and etc.	Each	1		
SUB-TOTAL AMOUNT EXCL						

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SCHEDULE 5: CONTROL ROOM AND OPERATOR SUITES (Cont')

CONTROL ROOM AND OPERATOR SUITES							
ITEM NO	PRODUCT DESCRIPTION	ITEM NAME	DESCRIPTION	DOQ	QTY	UNIT PRICE EXCL	TOTAL PRICE EXCL
1	Brand: _____ Model: _____	DESKTOP WITH MONITOR	Workstation SYS I7 16GB SSD 4X HDMI WIN 11 WITH 23,8-inch monitors 23,8" IPS Panel, 1920x1080 @ 75hz, VGA, HDMI, Cables incl, LowBlue, Flicker-Free, VESA, Keyboard, Mouse 3 Year Warranty-NEW MODEL	Each	6		
2	Brand: _____ Model: _____	VIDEO MONITOR	40" FHD LED PANEL	Each	12		
3		Joystick	PTZ Joystick	Each	6		
4		BRACKET	Monitor - Wall Mounting Bracket 37-70"		12		
5		Labour	Labour for all works. Labour rate should include all consumables, accessories, conduits that may be necessary including the hiring of any equipment and such as cherry pickers, splicing of fibre and etc.	Each	1		
SUB-TOTAL AMOUNT EXCL							

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SCHEDULE 6: FULL COMPREHENSIVE MAINTENANCE AND SUPPORT

MAINTENANCE AND SUPPORT						
ITEM NO	ITEM NAME	DESCRIPTION	DOQ	QTY	UNIT PRICE EXCL	TOTAL PRICE EXCL
1	YEAR 1 PM	Comprehensive support plan including unlimited call outs and swap out of devices during repairs for duration of contract	Each	12		
2	YEAR 2 PM	Comprehensive support plan including unlimited call outs and swap out of devices during repairs for duration of contract	Each	12		
3	YEAR 3 PM	Comprehensive support plan including unlimited call outs and swap out of devices during repairs for duration of contract	Each	12		
6	MAINTENANCE AND SUPPORT PM	Monthly maintenance and support licensing for LPR (Integration of LPR cameras with Law Enforcement Agency)	Each	36		
SUB-TOTAL AMOUNT EXCL						

TOTAL BID OFFER (INCLUDING VAT, IF APPLICABLE)

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