ANNEXURE 1A: CCTV PRICING SCHEDULE

Description	Qty	Unit	Total	Total
Description	Qty	Proce	Proce	Supplied &
				Installed
Pole 1				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet				
Camera with 3.4-10.5mm Lens	1			
Pole Mount for large pendant WLMT-1001	1			
12m steal pole including back up batteries and				
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 2				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental				
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1		1	
Sarix Pro 4 2MP Environmental IR Bullet Camera with 3.4-10.5mm Lens	1			
			1	
Pole Mount for large pendant WLMT-1001 12m steal pole including back up batteries and	1			
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 3	1			
Spectra Enhanced 7 Dome 1080p 30X				
Environmental				
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet	2			
Camera with 3.4-10.5mm Lens	2			
Pole Mount for large pendant WLMT-1001	2			
12m steal pole including back up batteries and solar mounted on top	1			
·			+	
concrete plinth for pole	1		+	
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 4				
Spectra Enhanced 7 Dome 1080p 30X Environmental				
Pendant White Clear Bubble	1			
i chaant winte clear bubble				l

Description	Qty	Unit	Total	Total
Description	Qty	Proce	Proce	Supplied &
				Installed
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet				
Camera with 3.4-10.5mm Lens	1			
Pole Mount for large pendant WLMT-1001	1			
12m steal pole including back up batteries and				
solar mounted on top	1			
Concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 5				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental				
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet	4			
Camera with 3.4-10.5mm Lens	1			
Pole Mount for large pendant WLMT-1001	1			
12m steal pole including back up batteries and	4			
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 6				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental				
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet	1			
Camera with 3.4-10.5mm Lens	1			
	1			
Pole Mount for large pendant WLMT-1001 12m steal pole including back up batteries and	1			
solar mounted on top	1			
concrete plinth for pole	1			
·				
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 7				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000	1			
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet	-			
Camera with 3.4-10.5mm Lens	1			
Pole Mount for large pendant WLMT-1001	1			
12m steal pole including back up batteries and				
solar mounted on top	1			
	l .	I	1	

Description	Qty	Unit	Total	Total
Description	Q.,	Proce	Proce	Supplied &
				Installed
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 8				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental				
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet	_			
Camera with 3.4-10.5mm Lens	3			
Pole Mount for large pendant WLMT-1001	3			
12m steal pole including back up batteries and				
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 9				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental				
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole	1			
diameter 1.5-inches. Mounting straps included Sarix Pro 4 2MP Environmental IR Bullet	1			
Camera with 3.4-10.5mm Lens	1			
Pole Mount for large pendant WLMT-1001	1			
12m steal pole including back up batteries and				
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
	1			
Pole 10 Spectra Enhanced 7 Dome 1090n 20V				
Spectra Enhanced 7 Dome 1080p 30X Environmental				
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet				
Camera with 3.4-10.5mm Lens	4			
Pole Mount for large pendant WLMT-1001	4			
12m steal pole including back up batteries and				
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 11				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental				
Pendant White Clear Bubble	1			

Description	Qty	Unit	Total	Total
Description	Qty	Proce	Proce	Supplied &
				Installed
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet				
Camera with 3.4-10.5mm Lens	3			
Pole Mount for large pendant WLMT-1001	3			
12m steal pole including back up batteries and				
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 12				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental				
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole	_			
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet	4			
Camera with 3.4-10.5mm Lens	4			
Pole Mount for large pendant WLMT-1001	4			
12m steal pole including back up batteries and				
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 13				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental	_			
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet				
Camera with 3.4-10.5mm Lens	4			
	4			
Pole Mount for large pendant WLMT-1001 12m steal pole including back up batteries and	4			
solar mounted on top	1			
concrete plinth for pole	1			
·				
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 14				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000	1			
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet				
Camera with 3.4-10.5mm Lens	2			
Pole Mount for large pendant WLMT-1001	2			
12m steal pole including back up batteries and				
solar mounted on top	1			
	I.	I .	1	<u> </u>

Description	Qty	Unit	Total	Total
Description	Q.,	Proce	Proce	Supplied &
				Installed
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 15				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental				
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet				
Camera with 3.4-10.5mm Lens	1			
Pole Mount for large pendant WLMT-1001	1			
12m steal pole including back up batteries and				
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 16				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental				
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole	1			
diameter 1.5-inches. Mounting straps included Sarix Pro 4 2MP Environmental IR Bullet	1			
Camera with 3.4-10.5mm Lens	2			
Pole Mount for large pendant WLMT-1001	2			
12m steal pole including back up batteries and				
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
	T			
Pole 17 Spectra Enhanced 7 Domo 1090n 20V				
Spectra Enhanced 7 Dome 1080p 30X Environmental				
Pendant White Clear Bubble	1			
Pole adapter for EM1400, PM14, MM1000	-			
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet				
Camera with 3.4-10.5mm Lens	2			
Pole Mount for large pendant WLMT-1001	2			
12m steal pole including back up batteries and				
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Pole 18				
Spectra Enhanced 7 Dome 1080p 30X				
Environmental				
Pendant White Clear Bubble	1			

Description	Qty	Unit Proce	Total Proce	Total Supplied & Installed
Pole adapter for EM1400, PM14, MM1000				
mounts. Minimum pole				
diameter 1.5-inches. Mounting straps included	1			
Sarix Pro 4 2MP Environmental IR Bullet				
Camera with 3.4-10.5mm Lens	4			
Pole Mount for large pendant WLMT-1001	4			
12m steal pole including back up batteries and	1			
solar mounted on top	1			
concrete plinth for pole	1			
Cisco IE-1000-8P2S-LM with power supply	1			
Control Room				
MECER 55" 4K UHD (3840 x 2160) SMART LED	_			
PANEL W/6586AD MECER 23.8" FULL HD 1920X1080 LED	4			
MONITOR - BLACK VGA +HDMI	6			
NVR4-HDDS-PACK-32TB	1			
RM6-WKS-2MN-EU Workstation	5			
ACC 7 Enterprise camera channe	52			
ACC 7 ENT failover channel	52			
Desks and Chairs	3			
Fibre Installation				
Fibre Optic Cable 4 Core Single Mode	15000m			
Fibre Blowing	15 000m			
Fibre Splicing	60			
Fibre Patch Leads Single Mode 1m LC-ST	30			
Fibre Splicing Tray	15			
Sundries	1			
PTP Radio Installation				
Cambium 650L, PTP 125 Mbps	4			
Labour to Install PTP Radios	4			

ANNEXURE 1B: GEYSER TAG PRICING SCHEDULE

Item	SANS	Description	Unit	Rate
	Standard			
Geyser Tag		 Geyser controller/geyser tag with ability to 	Each	
		control geysers with an element rating up to		
		6kW via Wireless Radio Remote Control (GSM		
		Powered or any other wireless network).		
		The tag must have remote controlling and leak		
		detection using an installed sensor.		
		 Resident's requirements: The system needs to send notifications to residents and come with a 		
		free downloadable application available for		
		residents containing water consumption,		
		leakage, energy usage.		
		The City's requirements - containing data on		
		state of the geyser, management device, and		
		built-in alerts sent to dedicated City email. Data		
		management must comply with the POPI Act.		
Systems		The device must have Information and	Sum	
integration		communications technology (ICT)		
		capabilities to integrate to the City of		
		Cape Town system through wireless		
		network.		
		 Safe and secure API integration 		
		capabilities between the device and		
		the City network/systems (through any		
		firewalls).		
		 ICT services to support the City with 3rd 		
		party peering City governance		
		requirements and processes.		
Installation	SANS 10252	 The installation of the geyser tag must 	Sum	
mstanation	and SANS	_ ,	Sum	
	10254	be in line with various regulations		
		including the building regulation.		
		Initial connection and user profile.	Sum	
Foreman			Hourly	
		Artisan Electrician	Hourly	
		Artisan Plumber	Hourly	
		EPWP/general Worker	Hourly	
		Monthly IT and admin support	Each	
		Monthly Communications for the geyser tag	Each	

ANNEXURE 1C: LOAD MANAGEMENT PRICING SCHEDULE

INDUSTRIES SUBSTATION

Location	Item No.	Item Description	Make and Model offered	Unit Cost Foreign	Unit Cost Rand	Definite Quantity	Optiona I Quantit y	Total Cost Foreig n	Deliver y Period, weeks	Rand Total Optional Goods	Rand Total Definite Goods
Industries	1.1	Central Control Unit (Substation) including communication Links.				1					
	1.3	Transmitter Unit, dual output				1					
	1.4	Coupling cell, complete				2					
	1.5	Coupling cell off load isolator				2					
	1.6	Installation and commissioning, all equipment, turnkey basis				1					
	1.7	Additional Items – please specify separately.				Lot					
	1.8	Installation and commissioning				1					
	1.9	Supply of Relays				500					
	1.10	Installation of Relays per household geyser				0					
Grand Totals	for Goods	and Services Specified	·								

ANNEXURE 1D: LOAD MANAGEMENT PRICING SCHEDULE

WATERVAL SUBSTATION

Location	Item No.	Item Description	Make and Model offered	Unit Cost Foreign	Unit Cost Rand	Definite Quantity	Optiona I Quantit y	Total Cost Foreig n	Deliver y Period, weeks	Rand Total Optional Goods	Rand Total Definite Goods
Waterval	1.1	Central Control Unit (Substation) including communication Links.				1					
	1.3	Transmitter Unit, dual output				1					
	1.4	Coupling cell, complete				2					
	1.5	Coupling cell off load isolator				2					
	1.6	Installation and commissioning, all equipment, turnkey basis				1					
	1.7	Additional Items – please specify separately.				Lot					
	1.8	Installation and commissioning				1					
	1.9	Supply of Relays				500					
	1.10	Installation of Relays per household geyser				0					
Grand Totals	for Good	s and Services Specified									