Sentech STP

08/11/2021

	TENDER 2021
TENDER SUMMARY	
Description	**TOTAL**
EXTRAS (wire ways)	R -
ACCESS CONTROL SYSTEM(STP)	R -
Access Control Platinum Tower	R -
CCTV SURVEILLANCE SYSTEM(STP)	R -
CCTV at Platinum Tower site	R -
Network(STP)	R -
Network at Platinum Tower site	R -
PA and EVACUATION SYSTEM	R -
CONTINGENCY	R -
PROJECT MANAGEMENT	R -
PRELIMINARIES AND GENERAL (P & G)	R -
TOTAL FOR ELECTRONIC SERVICES	**R -**
EXCLUDING VAT	R -
TOTAL INC 15% VAT	**R -**

SERVICE LEVEL AGREEMENT (SLA) 3 YEARS	**TENDER 2021**
YEAR 1 (WARRANTEE PERIOD) FULLY COMPREHENSIVE	
YEAR 2 FULLY COMPREHENSIVE	R -
YEAR 3 FULLY COMPREHENSIVE	R -
TOTAL COST OF SERVICE OVER A 3 YEAR PERIOD	**R -**

Notes
Notes

SENTECH STP				
EXTRA WORK TO BE DONE	**TENDER 2021**			
DESCRIPTION	**QTY**	**RATE**	**TOTAL**	
P2000 Trunking				
Supply	200		R	-
Install	200		R	-
Moving of Cameras				
Install	10		R	-
Mylar Cable				
Supply	200		R	-
Install	200		R	-
25mm Conduit, Saddles & Coupling				
Supply	200		R	-
Install	200		R	-
Total Excl carried to Summary sheet			**R**	**-**

SENTECH STP			
ACCESS CONTROL SYSTEM	**TENDER 2021**		
DESCRIPTION	QTY	RATE	TOTAL
Equipment			
Control Room			
Command Centre Licence	1		R -
Supply	1		R -
Install			
Access Server	1		R -
Supply	1		R -
Install			
1U LCD 17" flat-panel monitor with DELL rack rails, US touchpad KB and mouse combo	1		R -
Supply	1		R -
Install			
PhotoID & Encoding License			
Supply	1		R -
Install	1		R -
Encoder Unit (Mifare)			
Supply	1		R -
Install	1		R -
MORPHO BIOMETRIC ENROLMENT READER MSO300			
Supply	1		R -
Install	1		R -
MORPHO MSO VERIF (Verif License Only)			
Supply	1		R -
Install	1		R -
Workstation License (per Workstation)	3		R -
Supply	3		R -
Install			
Facial & Card Take on Station			
Supply	1		R -
Install	1		R -
FargoHDP 600 HID ID Card Printer Incl. Drivers			
Supply	0		R -
Install	0		R -
Access system License per door	5		R -
Supply	5		R -
Install			

DESCRIPTION	QTY	RATE	TOTAL
CONTROLLERS			
Wiegand Intelligent Field Controller with H-Bus communication to Door Modules .The Controller must support two access controlled doors and four readers. The Controller must also support OPC and BacNet open Interface to third party Systems. Including Enclosure and Power Supply			
Supply	53		R -
Install	53		
Door Universal Reader Interface (URI)			
Supply	5		R -
Install	5		
Lockable Door Controller Enclosure (URI Cabinet)			
Supply	5		R -
Install	5		R -
HBUS 16 In 16 Out Board			
Supply	13		R -
Install	13		R -
Fever Scanning wall mount units(if not part of Facial readers)			
Supply	0		R -
Install	0		R -
Biometric Facial Reader (Idemia)			
Supply	13		R -
Install	13		R -
Mifare DESFire Card, 4K, EV2			
Supply	300		R -
Install	300		R -
Plastic Card Holders And Lanyards For Access Control Cards			
Supply	300		R -
Install	300		R -
Maglock - SCW 500 KG			
Supply	81		R -
Install	81		R -

DESCRIPTION	QTY	RATE	TOTAL	
Door Monitor - Central 1078-B				
Supply	82		R	-
Install	82		R	-
Door Closer				
Supply	81		R	-
Install	81		R	-
Alarm Sounder, Red IP66 100/92 Db				
Supply	14		R	-
Install	14		R	-
Door Emergency Release Break Glass (Green)				
Supply	76		R	-
Install	76		R	-
Bio-Reader with card verification (Morpho Biometric Finger Print Reader)				
Supply	86		R	-
Install	86		R	-
Override Barrel Switch				
Supply	8		R	-
Install	8		R	-
External Power Supply Unit Required for Maglock				
Supply	81		R	-
Install	81		R	-
Single Itas high security Booth				
Supply	0		R	-
Install	0		R	-
Double Itas high security Booth				
Supply	1		R	-
Install	1		R	-
PIR Long Range	30		R	-
Supply	30		R	-
Install				
Wireless Panic Buttons TX	50		R	-
Supply	50		R	-
Install				
Wireless Panic Buttons RX	20		R	-
Supply	20		R	-
Install				
Commissioning of Access Control System				
Supply	16		R	-
Install	16		R	-
ENGINEERING CONTINGENCY				
Supply	**0**		**R**	**-**
Project P&G Items				
Supply	1		R	-
Other				
PLS note that below BOQ items are added to comply to the tender spesificastion				
Documentation	1		R	-
Drawings	4		R	-
Total Excl			**R**	**-**

DESCRIPTION	QTY	RATE	TOTAL	
Remote site Security Platinum Site	Qty	Rate	Total	
Access Controller				
Supply	2		R	-
Install	2		R	-
Magnetic Lock (500 Kg)				
Supply	2		R	-
Install	2		R	-
Door Monitor				
Supply	1		R	-
Install	1		R	-
Controller interface				
Supply	1		R	-
Install	1		R	-
Access Control Software licence				
Supply	2		R	-
Install	2		R	-
Bio-Reader with card verification (Morpho Biometric Finger Print Reader)				
Supply	4		R	-
Install	4		R	-
Gas trigger unit				
Supply	1		R	-
Install	1		R	-
Siren & Strobe in one				
Supply	1		R	-
Install	1		R	-
Control unit Housing CW Power supplies and backup battery(36hours)				
Supply	1		R	-
Install	1		R	-
Other				
Supply	0		R	-
Install	0		R	-
Total carried to Remote site summary sheet			**R**	**-**

SENTECH STP			
CCTV SURVEILLANCE SYSTEM		**TENDER 2021**	
Description	**QTY**	**RATE**	**TOTAL**
2.0 Megapixel (1080p) WDR, Light Catcher, Day/Night, Indoor Dome,3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics. Power over Ethernet.			
Supply	70		R -
Install	70		R -
3.0 Megapixel WDR, Light Catcher, 9-22mm f/1.6 P-iris lens, Integrated IR, Self-Learning Video Analytics			
Supply	10		R -
Install	10		R -
Cable Managed CCTV Camera Housing CW Bracket			
Supply	10		R -
Install	10		R -
Thermal Cameras with edge video analytics (200 meter)			
Supply	4		R -
Install	4		R -
Thermal Cameras with edge video analytics(100 m)			
Supply	4		R -
Install	4		R -
Concrete poles (6m) planted in soft soil concrete base			
Supply	10		R -
Install	10		R -
Video Wall			
Video Wall Console Provision			
Supply	1		R -
Install	1		R -
42" HD LCD Screen			
Supply	9		R -
Install	9		R -
21" HD LCD Screen			
Supply	2		R -
Install	2		R -
Equipment Room			
HD NVR4 STD 48TB 2U Rack Mnt, Windows 10 IoT LTSB			
Supply	1		R -
Install	1		R -
Self learning video analytic appearance Search Enterprise license for up to 24 camera channels			
Supply	4		R -
Install	4		R -
Self learning video analytic appearance Search Enterprise license for up to 4 camera channels			
Supply	1		R -
Install	1		R -
O+A60:D62PERATOR PC Control Professional high performance remote monitoring workstation for viewing on up to two monitors. (must be able to view 72 cameras)			
Supply	3		R -
Install	3		R -
Audio Fight Back interface and Desk mount Mic & Speaker			
Supply	2		R -
Install	2		R -
Commissioning of CCTV System			
Supply	1		R -
ENGINEERING CONTINGENCY			
Supply	0		R -

Description	QTY	RATE	TOTAL	
Project P&G Items(give full breakdown)				
Supply			R	-
PLS note that below BOQ items are added to comply to the tender specification and to supply a workable solution				
Avigilon / Gallagher Integration License	1		R	-
Avigilon Enterprice Licenses	10		R	-
Delivery Of Camera Poles to Site	1		R	-
Avigilon 5 Year Keep Your Drive Warranty - For all NVR Models	3		R	-
Avigilon 2 Year Extended Warranty - Total of 5 years on Workstations	5		R	-
Avigilon 2 Year Extended Warranty - Total of 5 years on Thermal Cameras	20		R	-
Total Excl Moved to Summary Sheet			**R**	**-**

Remote site Security Platinum Site	Qty	Rate	Total	
Optical Cameras tower mounted with edge video analytics (10 meter)				
Supply	2		R	-
Install	2		R	-
Tamper Proof Housing and bracket				
Supply	6		R	-
Install	6		R	-
IR Dome camera with edge video analytics(5 m) for inside building				
Supply	4		R	-
Install	4		R	-
Thermal Cameras with edge video analytics(50 m)				
Supply	4		R	-
Install	4		R	-
Concrete poles (6m) planted in soft soil concrete base				
Supply	4		R	-
Install	4		R	-
Galvanised conduit and boxes for 200m				
Supply	4		R	-
Install	4		R	-
Steel sprag and sprag ends				
Supply	20		R	-
Install	20		R	-
Smalls				
Supply	1		R	-
Install	1		R	-
Engineering and Project management				
Supply	1		R	-
Install	1		R	-
NVR				
Supply	1		R	-
Install	1		R	-
Audio Challenge Amplifier >15Watt				
Supply	1		R	-
Install	1		R	-
Horn Speaker for audio challenge to match Amplifier				
Supply	5		R	-
Install	5		R	-
Other				
Supply	0		R	-
Install	0		R	-
Total carried to Remote site summary sheet			**R**	**-**

SENTECH STP				
Network		**TENDER 2021**		
DESCRIPTION	QTY	RATE	TOTAL	
Network & Cabling				
24 Port Switch Field Switch -, L3, POE+, 24x 1GbE + 2x 10GbE SFP+ fixed ports, Stacking, IO to PSU air, AC				
Supply	15		R	-
Install	15		R	-
24 Port Switch core Head-End Switch - Networking Layer 3 Adv Switch, PoE+, 24x 1GbE, 2xCombo, 16x 10GbE SFP+ fixed ports, Stacking, IO to PSU air, 1x 715w AC PSU				
Supply	2		R	-
Install	2		R	-
Networking SFP+ Transceiver, 10GB, SR For Up to 300m - Kit - LC Multi-Mode				
Supply	45		R	-
Install	45		R	-
Ethernet Converters 10/100/1000 MBPS 1000Base FX SC				
Supply	8		R	-
Install	8		R	-
Engineering and Software Configuration				
Supply	1		R	-
8Pr pair Mylar Shielded twisted-pair 18-22 AWG for RS485 and power between Door Controllers and Host Controller				
Supply	5000		R	-
Install	5000		R	-
4 Pair Cat6 Utp Pvc Cable				
Supply	14000		R	-
Install	14000		R	-
Cat6 Single Surface RJ45 Outlet				
Supply	207		R	-
Install	207		R	-
Cat6 3m Fly lead				
Supply	229		R	-
Install	0		R	-
Cat6 2m Patch cord				
Supply	229		R	-
Install	0		R	-
24 PORT Cat6 PATCH PANEL				
Supply	15		R	-
Install	15		R	-
12U Swing Frame Wall box, Single Cooling fan,5 Way Power Unit with 5M cord				
Supply	9		R	-
Install	9		R	-
42u Rack 600 by 1200 mm with 260MM CABLE TRAY complete with power managed system, Fans and cage nuts				
Supply	1		R	-
Install	1		R	-
FIBRE				
8 FIBRE HEAVY DUTY 50/125 DUCT CABLE OM3				
Supply	2800		R	-
Install	2800		R	-
Fibre Optic PIGTAIL OM3 LC UNJ 1m				
Supply	135		R	-
Install	135		R	-
24 WAY LC FIBRE PANEL DUPLEX				
Supply	26		R	-
Install	26		R	-
SPLICE CASSETTES 12 WAY				
Supply	26		R	-
Install	26		R	-

DESCRIPTION	QTY	RATE	TOTAL	
Fibre Optic MIDCOUPLER MM LC DUPLEX				
Supply	358		R	-
Install	358		R	-
FIBRE WARNING LABEL				
Supply	230		R	-
Install	230		R	-
FIBRE TERMINATION BOX WARNING LABEL				
Supply	14		R	-
Install	14		R	-
ENTRY GLANDS				
Supply	14		R	-
Install	14		R	-
SPLICE PROTECTORS - BLUE				
Supply	198		R	-
Install	198		R	-
FIBRE SPLICE				
Supply	198		R	-
Install	198		R	-
FIBRE OTDR TEST AND RESULTS				
Supply	198		R	-
Install	198		R	-
PATCH PANEL OR TERMINATION BOX INSTALLATION				
Supply	26		R	-
Install	26		R	-
Fibre Optic LEAD OM3 LC-LC 2m				
Supply	18		R	-
Install	18		R	-
Commissioning of Network				
Supply	16		R	-
Install	16		R	-
ENGINEERING CONTINGENCY				
Supply	1		R	-
Project P&G Items				
Supply	1		R	-
Other				
Documentation	1		R	-
Drawings	4		R	-
Fibre Patch Panel Midcouplers	288		R	-
Fibre Patch Panel Modules	36		R	-
Fly Lead Labels	264		R	-
Data Point Label	1		R	-
Testing of Network Points	1		R	-
Total Excl			**R**	**-**

DESCRIPTION	QTY	RATE	TOTAL	
Remote site Security Platinum Site	**Qty**	**Rate**	**Total**	
24 Port Switch Field Switch -, L3, POE+, 24x 1GbE + 2x 10GbE SFP+ fixed ports, Stacking, IO to PSU air, AC				
Supply	1		R	-
Install	1		R	-
CAT 6 cable				
Supply	200		R	-
Install	100		R	-
CAT 6 outdoor Shileded Cable				
Supply	300		R	-
Install	300		R	-
Ethernet Converters 10/100/1000 MBPS 1000Base FX SC				
Supply	4		R	-
Install	4		R	-
Other				
Supply	0		R	-
Install	0	R -	R	-
Total carried to Remote site summary sheet			**R**	**-**

SENTECH STP				
PA and EVACUATION SYSTEM	**TENDER 2021**			
Description	**QTY**	**RATE**	**TOTAL**	
Equipment				
BS-680FC / Fire Rated Metal Wall Speaker				
Supply	8		R	-
Install	8		R	-
PC-1860BS / 6W Flush Mount Fire resistant Ceiling Speaker				
Supply	50		R	-
Install	50		R	-
240w single channel Power Amplifier				
Supply	2		R	-
Install	2		R	-
Power amplifier input module (also for use with VM-3000) VP-200VX D00				
Supply	4		R	-
Install	4		R	-
Remote Microphone connects to the VM-3240VA, VM-3360VA, VM-2120 and VM-2240 for the purpose of making emergency/general broadcast				
Supply	4		R	-
Install	4		R	-
16U 600 X 800 Cabinet with 12way IEC Power with 5m cord with SA Plug Zone				
Supply	3		R	-
Install	3		R	-
Voice Alarm System Amplifier 240W - 6 Zone				
Supply	4		R	-
Install	4		R	-
Rack/Term / Wiring Termination				
Supply	0		R	-
Install	4		R	-
Rack Work				
Supply	0		R	-
Install	4		R	-
System Configiration setup & Programming				
Supply	0		R	-
Install	0		R	-
Documentation & Drawings				
Supply	2		R	-
Install	2		R	-
Yellow Speaker Cable(Fire Retardant)				
Supply	5000		R	-
Install	5000		R	-

Contingency				
Supply	0		R	-
Install	0		R	-
Engineering				
Supply	1		R	-
Other				
Total Excl Moved to Summary Sheet			**R**	**-**