

C 2.2. BILL OF QUANTITIES

APPOINTMENT OF A SERVICE PROVIDER FOR THE PROVISION, INSTALLATION AND MAINTENANCE OF SECURITY SYSTEMS TO THLM FOR A PERIOD OF 36 MONTHS (RE-ADVERT).

1. SURVEILLANCE CAMERAS

Item	Description	Unit	Unit Rate	Total
1	Prime Series 32-inch NVR 4K NVR304	1		
2	Dual Spectrum Thermal Camera	1		
3	5MP Deep Learning WDR and Light Hunter Bullet Camera.	1		
4	Ultra H.265 5MP PTZ 22x Optical Zoom Smart IR 200m Camera	1		
5	Internal Mini Dome Alarm in/out Audio.	1		
6	4MP IP 3.6mm Fixed Bullet Camera	1		
7	4MP IP 3.6mm Fixed Dome Camera	1		
8	4MP IP Vari-focal (2.7mm-13.5mm) Bullet Camera	1		
9	4MP IP Vari-focal (2.7mm-13.5mm) Dome Camera	1		
10	Galvanized Square Tubing Camera Post and Accessories per meter.	1		
11	Outdoor Distribution Boxes.	1		
12	Cat 6 UTP, Cables, Connectors and Connectors Boots.	1		
13	8Pot Gigabit AI POE 2SFP.	1		
14	Fibre Outdoor U pink Cable 150m LC-LC UPC 2Core.	1		
15	Cudy Single Mode 1.25G LC SFP 1310nm 20km.	1		
16	PVC CONDUIT per Metre.	1		
17	12U Swing Frame Wall Box.	1		
18	Installation and Commissioning of the system	1		
19	1kva Inverter with Lithium Battery with 50 Ah Lithium-ion Battery and 820 w MPPT Controller.	1		
20	Wall Mount Bracket for 32 to 55 inch	1		
21	4 Channel NVR 2TB HDD	1		
22	8 Channel NVR 2 TB HDD	1		
23	16 Channel NVR 4 TB HDD	1		
24	32 Channel NVR 8TB HDD	1		
25	4 Port POE Switch	1		
26	8 Port POE Switch	1		
27	16 Port POE Switch	1		
28	32 Port POE Switch	1		
29	CAT 6 100 meter	1		
30	CAT 6 300 meter	1		
31	CAT 6 500 meter	1		
32	4MP Camera with in/out Audio	1		
33	Solar panel for wire-free Camera	1		

Item	Description	Unit	Unit Rate	Total
34	Wireless Battery Camera.	1		
35	3G/4G Sim Card Camera	1		
36	Wireless Battery Camera, Built-in micro/speaker/Wi-Fi Supported, Built-in rechargeable Lithium Battery.	1		
37	4MP IR 2.8mm Fixed-focal Bullet WizSense 4G Network Camera, 50m IR, 120dB WDR, IP67, Built-in Mic & Speaker, RJ45, 256GB Micro SD Card DORI Distances for Humans: Detect 63.6m, Observe 25.4m, Recognise 12.7m, Identify 6.4m	1		
38	Solar-powered Security Camera Setup, 4mm Fixed Lens, 30m IR, Digital WDR, RJ45, 10/100Mbps Self-adaptive Ethernet, 256GB Micro SD / Micro SDHC / Micro SDXC Card, Built-in Mic & Speaker, 51.46WH Ternary Lithium Battery, IP67 DORI Distances for Humans: Detect 77m, Observe 30m, Recognise 15m, Identify 7m	1		
39	Bracket with 60W Solar Panel, Charge Controller & Built-in 40Ah Lithium-Ion Battery	1		
40	460W Solar Panel	1		
41	5KW Inverter	1		
42	5.12kwh Lithium battery	1		
42	Cabling for Solar Panels	1		
53	1KVA Long run UPS	1		
54	CAT 6 Cable 100 meter	1		
55	CAT 6 Cable 300 meter	1		
56	CAT 6 Cable 500 meter	1		
57	Power Cable 100 Meter	1		
		TOTAL		

BIOMETRIC SYSTEM

Item	Description	Unit	Unit Rate	Total
1	Fingerprint Reader Terminal	1		
2	Rain-shield for Fingerprint Reader Terminal	1		
3	500 Fingerprint Reader	1		
4	Enclosure for InBio Controller- 12VDC 3Amp PSU	1		
5	In Bio 0160 Door Controller- One Door – Fingerprint & REID	1		
6	Rain shield for FRI 500-WP	1		
7	Cable Management Bracket for FRI 500	1		
8	Securi-Prod Call Point Resettable Green	1		
9	Elock Maglock Indoor c/w ZL Bracket for FRI 500- WP	1		
10	Elock Maglock Indoor 600Ibs 272kg 12/24VDC Monitored with LED	1		

Item	Description	Unit	Unit Rate	Total
11	Face and Fingerprint Recognition Terminal	1		
12	Multi Biometric and Time and Attendance and Access Control Terminal	1		
13	Mobile Software for Field Workers Employees	1		
14	Mobile Fingerprint Reader Terminal for field workers	1		
15	Controller of Fingerprint Recognition Terminal	1		
16	Magnetic Door Lock	1		
17	Elock maglock bracket	1		
18	Power Supply Controller 12V 7MP AH	1		
19	Medium Duty Union Door Closer	1		
20	Professional IP-Based Biometric Access Control Panel	1		
21	Speed Face VSLP multi biometric reader face palm & finger	1		
22	Security Protocol point resettable Green	1		
23	H1-FP multi biometric reader wifi-4G-IP65	1		
24	License if any	1		
25	Full Set of Computer (Stand Alone with VSM software)	1		
26	Shielded Cat 6 Cable per meter	1		
27	Biometric Management License	1		
28	Tripod Supermarket with a screen (Waist Height Turnstiles)	1		
TOTAL				

SUMMARY TABLE OF THE BILL OF QUANTITY

COMBINED TOTAL OF CAMERAS AND BIOMETRICS	R
MAINTENANCE OF BOTH CAMERA AND BIOMETRIC SYSTEMS (Quarterly Amount)	R
SUB-TOTAL	R
VAT @ 15% (If applicable)	R
TOTAL	R
TOTAL AMOUNT TO BE FORWDED TO THE FORM C 1.1 (FORM OF OFFER)	

Notes

- Travelling costs to THLM during the inception of the project and installation of the systems project shall not be charged to THLM.
- Inception Training or Training to be given during the beginning of the project shall not be charged by the service provider.