

APPENDIX B

LOT 1: ELECTRIC FENCES AND INTRUSION DETECTION PRICED LIST OF SPARES

PART (I) ELECTRIC FENCE SPARE PARTS

Supply, install, test and commission spare parts on site as per Schedule of requirement, Technical Specifications and details of services provided in the tender, price inclusive of the following:

- Repairs/Replacement of any Faulty equipment delivered within the warranty period and warranty provisions.
- Standby Equipment during the repairs of equipment delivered within the warranty period and warranty provisions.

NO.	ITEM DESCRIPTION	UoM	Delivery schedule	Qty	Unit Price (PPCBL Incl.) & VAT Excl. (Kes)	Total Price (PPCBL Incl.) & VAT Excl. (Kes)
	ENERGIZER & ACCESSORIES					
1.	3 Joule Fence Energizer (refer to specification)	NO		1		
2.	5 Joule Fence Energizer (refer to specification)	NO		1		
3.	8 Joule Fence Energizer (refer to specification)	NO		1		
4.	12 Joule Fence Energizer (refer to specification)	NO		1		
5.	Energizer Key Switch	NO		1		
6.	Energizer ON/OFF Key	NO		1		
7.	D.C. siren	NO		1		
8.	D.C. strobe light	NO		1		
9.	GSM/IP Module	NO		1		
10.	Timed fence light	NO		1		
11.	12V, 7AH Batteries.	NO		1		
12.	AVS 30 Voltage protector as sollatek or equal and approved	NO		1		
	FENCE & ACCESSORIES					
13.	1.6/2.0mm Solid aluminum alloy HT wire (1000m)	Roll		1		
14.	1.6/2.0mm Solid galvanized HT wire (1000m)	Roll		1		
15.	1.6/2.0mm Solid stainless steel HT wire (1000m)	Roll		1		
16.	1.6/2.0mm Stranded stainless steel HT wire (1000m)	Roll		1		
17.	1.6/2.0mm Stranded aluminum HT wire (1000m)	Roll		1		
18.	1.6/2.0mm Stranded galvanized HT wire (1000m)	Roll		1		
19.	1.6/2.0mm Stranded galvanized XL wire (1000m)	Roll		1		
20.	450-900mm Galvanized Razor wire (10-12m stretch)	NO		1		
21.	1.8m Galvanized Welded Mesh (Mesh size 50x50mm, wire dia. 2.0mm)	NO		1		
22.	Strain posts - Standard (refer to specification)	NO		1		
23.	Intermediate posts - Standard (refer to specification)	NO		1		
24.	Strain posts – 2m High (refer to specification)	NO		1		
25.	Intermediate posts - 2m High (refer to specification)	NO		1		
26.	2-way gate contact	NO		1		

27.	3-way gate contact	NO		1		
28.	Gate mounting bracket	NO		1		
	INSULATORS & EARTHING					
29.	Flat/round bar insulator	NO		1		
30.	Shield insulator	NO		1		
31.	Pop through hole insulator	NO		1		
32.	Self-tapper hook	NO		1		
33.	W Insulators (Nail-on /Wire Bracket)	NO		1		
34.	Strain insulators (Wire Strainer)	NO		1		
35.	Compression Spring	NO		1		
36.	Earth Rod	NO		1		
37.	Bolt-type line clamp	NO		1		
38.	U-type line clamp	NO		1		
39.	Bridging wires	NO		1		
40.	Warning sign (Hatari)	NO		1		
41.	Double pole lightning protection	NO		1		
42.	Earth live loop	NO		1		
43.	Earth spike–copper 1.2m (nut & washer)	NO		1		
44.	Conduits 25mm	No		1		
45.	Conduits 32mm	No		1		
46.	Bends 25/32mm	No		1		
47.	Connectors 25/32mm	No		1		
48.	PVC - Flexible Conduit 25/32mm (50m/Roll)	No		1		
49.	Galvanized Metallic Trunking 50mm X 50mm (3m)	No		1		
50.	Saddle clips (100 pack)	No		1		
51.	PVC Pipe Clips (100 pack)	No		1		
52.	100 Pack screws and plug	Pkt		1		
53.	100 pack Zinc Hammer Drive anchor	Pkt		1		
	WORKS					
54.	Painting one liner meter section of fence coil size - 450mm diameter, Blade profile - Ripper Razor Wire, stretch factor - maximum of 10M per coil and secured with steel plates at 1M centers (Galvanized)	M		1		
55.	Complete repair of one Linear meter length of fence with all necessary items i.e. hollow square tube Pole, insulators, HT Wire, and any other necessary item to restore the damaged section, with 3-coat relevant paint to client satisfaction.	M		1		
56.	Repair of one square meter masonry wall complete with all civil/building requirement as per construction requirements in Kenya	M		1		
57.	Repair of one square meter reinforced cast-in-place concrete wall	M		1		
58.	Bush/vegetation clearance per linear meter (1m both side from the perimeter wall)	M		1		
59.	Provision of skilled Electric Fence Technician (8am-5pm) for a call/ticket	No.		1		
60.	Provision of unskilled laborer (8am-5pm) for a call/ticket	No.		1		

61.	Manufacturer training (Energizer and related Equipment and Control software for one technical person)	No.		1		
62.	Integration of one third party system as need arise into existing server applications per call/ticket.	No.		1		
63.	Workshop diagnosis & repair of Energizer with the following components :-					
a	Energizer Capacitor	NO		1		
b	Energizer Transistor	NO		1		
c	Energizer Transformer	NO		1		
d	Energizer Power supply board section	NO		1		
64.	Unscheduled service per site as per the description in schedule of requirement under preventive maintenance.	No.		1		
	TOOLS & ACCESSORIES					
65.	Cordless Hedge Trimmer (52cm 20V 2No. x 5.0Ah Li-Ion LXT, Charger)	NO		1		
66.	Corded Hedge Trimmer (50cm 550W 230V)	NO		1		
67.	Brush cutter (to include; strimmer, 3 Point Blade, Hedge Trimmer, Pole pruner)	NO		1		
68.	Corded Rotary Hammer Drill (SDS Plus Hammer Drill, Set of drill bits, Heavy Duty Brushless Demolition Hammer)	No		1		
69.	Gasoline Chainsaw (60cc)	NO		1		
70.	Welding machine	NO		1		
71.	Welding rods (pack 20)	Pkt		1		
72.	Grinding machine	NO		1		
73.	Hacksaw	NO		1		
74.	Leather Hand gloves	No.		1		
75.	Aluminium Multi-Purpose Ladder (16ft)	No.		1		
76.	Aluminium Telescopic Ladder (3.8m)	No.		1		
77.	Extension Power Reel (2.5mm 3C)	NO		1		
78.	PVC Insulating Tape	NO		1		
79.	Amalgamating Tape (Rubber splicing tape)	NO		1		
80.	Conta glue	NO		1		
81.	Fencing Pliers & Wire Cutter	NO		1		
82.	Strainer Handle	NO		1		
83.	Ratchet Wire Tightening Tool	NO		1		
84.	Wire Twisting Tool	NO		1		
85.	4 Groove Wire Crimping Tool	NO		1		
86.	Pay Out Spinner	NO		1		
87.	Tie Down & Handle	NO		1		
88.	1.6mm sq Lead out under-gate cable	M		1		
89.	4 core Alarm cable (100m/Roll)	Roll		1		
90.	Speaker 1.5mm sq (70/0.15) cable	M		1		
91.	2.5mm sq Stranded Twin with Earth cable (100m/Roll)	Roll		1		
92.	2.5mm sq PVC CU Cable 3 Core	M		1		
93.	2.5mm sq PVC CU Cable S/C (100m/Roll)	Roll		1		
94.	4.0mm sq PVC CU Cable S/C (100m/Roll)	Roll		1		
95.	4.0mm sq PVC CU Armoured Cable 2 Core (100m/Roll)	Roll		1		

96.	6.0mm sq PVC CU Cable S/C (100m/Roll)	Roll		1		
97.	13A Socket 2-gang DP Switched Plug Socket Metal-Clad	NO		1		
98.	Cable Ferrules (1.5- 16mm)	NO		1		
99.	Tinned Copper Cable Lugs 2.5 – 16/6mm	NO		1		
100.	Supply and installation of 10m light Stainless Steel Pole	NO		1		
101.	LED Flood lights 50W (with brackets)	NO		1		
102.	LED Flood lights 100W (with brackets)	NO		1		
103.	Plastic Cable Gland with Locknut	NO		1		
104.	Deformed Steel Bars (D10)	NO		1		
105.	Deformed Steel Bars (D12)	NO		1		
106.	GSM/GPRS Module (refer to specification)	NO		1		
107.	Relay board 12/24Vdc	NO		1		
108.	Loading of SMS/Airtime bundles on GSM modules per site – 500 MBs or equivalent	No.		1		
109.	Fence Management Software (Including PC) (refer to specification)	NO		1		
110.	Energizer Indoor/ Outdoor Enclosure (Measurement 500x500x250 mm minimum, 1.2mm Galvanized Steel, Powder Coating, Corrosion Resistance, sealed and dustproof; IP54 , Built in Converter Fixed Slots, Wooden board or Air Switch Rail and Fixed Socket Position, clear acrylic inspection window)	NO		1		
111.	50-100 Key Storage Cabinet; (Wall mounted, heavy-gauge steel, with key lock, white powder coated)	NO		1		

PART (II) INTRUDER ALARMS SPARE PARTS

Supply, install, test and commission Spare parts on site as per Schedule of requirement, Technical Specifications and details of services provided in the tender, price inclusive of the following:

- Repairs/Replacement of any Faulty equipment delivered within the warranty period and warranty provisions.
- Standby Equipment during the repairs of equipment delivered within the warranty period and warranty provisions.

NO.	ITEM DESCRIPTION	UoM	Delivery schedule	Qty	Unit Price (PPCBL Incl.) & VAT Excl. (Kes)	Total Price (PPCBL Incl.) & VAT Excl. (Kes)
	ALARM SYSTEM					
1.	Alarm control panel (see specifications)	NO		1		
2.	Magnetic contact-HD	NO		1		
3.	Magnetic contact-LD	NO		1		
4.	Siren box	NO		1		
5.	Strobe	NO		1		
6.	Siren	NO		1		
7.	Motion detector (PIR)	NO		1		
8.	Ceiling mount motion detector	NO		1		
9.	Advanced alarm IP-network communication module	NO		1		
10.	Vibration sensors	NO		1		
11.	Panic Button	NO		1		
12.	4-channel remote Kit long range	NO		1		
13.	Single channel remote Kit long range	NO		1		
14.	Zone expander module	NO		1		
15.	Keypad	NO		1		
16.	GSM or GPRS/IP Module	NO		1		
17.	GSM/GPRS Transmitter unit (GTX)	NO		1		
18.	SMS Module	NO		1		
19.	Guard Monitoring unit / Guard patrol unit (see specifications)	NO		1		
20.	Guard Clocking device	NO		1		
21.	Alarm remote receiver kit	NO		1		
22.	Central alarm management software (see specifications)	NO		1		
	POWER & ACCESSORIES					
23.	Alarm cable 4-core	M		1		
24.	Alarm cable 6-core	M		1		
25.	Alarm cable 8-core	M		1		
26.	Power cable 2.5mm	M		1		
27.	Power cable 2.5mm	M		1		
28.	Power cable 4.0mm	M		1		
29.	Surge protector	NO		1		
30.	1A power supply unit	NO		1		

31.	3A Power supply unit	NO		1		
32.	9A Power supply unit	NO		1		
33.	12A Power supply unit	NO		1		
34.	Back up Battery 12v,7AH	NO		1		
35.	Relay board 12/24Vdc	NO		1		
36.	SMS tablet/Phone (see specifications)	NO		1		
37.	Door buzzer unit	NO		1		
	OTHERS					
38.	Integrating one site (1-18 zones) alarm system to Existing Unified management software	NO		1		
39.	Integrating one site (1-18 zones) alarm system to Risco central alarm management software via IP module	NO		1		
40.	Alarm management software license per server	NO		1		
41.	Alarm user/operator workstation complete with management software and necessary licenses	NO		1		
	EMERGENCY RESPONSE					
42.	Site Visit for emergency repair for a call/ticket per technician	No.		1		
43.	Site Visit for emergency repair/meeting for a call/ticket per supervisor	No.		1		
44.	On-site Training for a call/ticket per technician	No.		1		
45.	Manufacturer training (Control Panel and related Equipment and Control software for one technical person)	No.		1		
46.	Integration of one third party system as need arise into existing server applications per call/ticket.	No.		1		
47.	Workshop diagnosis & repair of one equipment	No.		1		
48.	Loading of SMS/Airtime bundles on GSM modules per site – 500 MBs or equivalent	No.		1		
49.	Unscheduled service per site as per the description in schedule of requirement under preventive maintenance. (Unscheduled sites)	No.		1		
50.	Response to Transformer Vandalism / Substations / Fibre Cuts	No.		1		
51.	Cost per KM (covered during emergency responses not factored in SLA; Relocations, TX and Fibre response)	km		1		

Notes:

- Spares will be procured on “**as and when required**” basis.
- Emergency response will cover the cost of emergencies.
- All cost to include transport and other levies.

- d. Service center to be within the region services to be offered.
- e. CALL OUT RATES AND DAYWORK CHARGES
Please note that the Contractor shall complete the price schedule above noting that hourly rates and charges are fixed and uniform subject to the region. There shall be no difference in pricing in relation to the night and daytime hours, more so on weekends/public holidays.

Director's/Authorized Person

Signature: Date..... Official Stamp.....

