



SPECIFICATION

APPOINTMENT OF PANEL OF SERVICE PROVIDERS, FIVE (5), FOR SUPPLY AND DELIVERY OF ELECTRICAL ITEMS ON AN AS AND WHEN REQUIRED BASIS.

1. PURPOSE AND SCOPE

Musina Local Municipality hereby invites service provider to bid for the supply and delivery of electrical materials for a period of three (3) years.

The bids will be evaluated on the 80/20 preference points system as prescribed by the preferential procurement regulations, 2022.

2. Abbreviations

Name	Description

3. Queries and Contact Information

All queries regarding the bid must be submitted in writing by email, which will in turn be recorded. A written response will then be emailed to all bidders. No telephonic queries will be answered. Contact details for queries are:

Technical Specifications:

Tshinavhe Amon

Manager: Assets

amont@musina.gov.za

Supply Chain Requirements:

Mary Siziba

SCM Manager

Marys@musina.gov.za

4. Compulsory Briefing Meeting/session

No compulsory briefing meeting will be held

5. Scope of work and parameters

All other related costs such as transportation should be factored into price per unit.

a. Contract Period

The contract will be for a period of three (3) years from the date of signing service level agreement with the municipality.

b. Tender scope

The service provider will be required to supply and deliver items to the municipality

6. Specification & Pricing Schedule

GROUP A

ITEM	DESCRIPTION	Unit/ Measure	1st Year UNIT PRICE	2nd Year UNIT PRICE	3rd Year UNIT PRICE	TOTAL
1.	CIRCUIT BREAKER 10A 5KA SP QF-1(26)	Each				
2.	CIRCUIT BREAKER 20A 5KA SP QF-1(26)	Each				
3.	CIRCUIT BREAKER 30A 5KA SP QF-1(26)	Each				

4.	CIRCUIT BREAKER 40A 5KA SP QF-1(26)	Each				
5.	CIRCUIT BREAKER 50A 5KA SP QF-1(26)	Each				
6.	60AMP SP CIRCUIT BREAKER CURVE 1 CBI	Each				
7.	80AMP SP CIRCUIT BREAKER CURVE 1 CBI	Each				
8.	100AMP SP CIRCUIT BREAKER CURVE 1 CBI	Each				
9.	40AMP 3P CIRCUIT BREAKER CURVE 1 CBI	Each				
10.	60AMP 3P CIRCUIT BREAKER CURVE 1 CBI	Each				
11.	80AMP 3P CIRCUIT BREAKER CURVE 1 CBI	Each				
12.	100AMP 3P CIRCUIT BREAKER CURVE 1 CBI	Each				
13.	100AMP 3P CIRCUIT BREAKER CBI J25S 25KA	Each				
14.	150AMP 3P CIRCUIT BREAKER CBI J25S 25KA	Each				
15.	200AMP 3P CIRCUIT BREAKER CBI J25S 25KA	Each				
16.	250AMP 3P CIRCUIT BREAKER CBI J25S 25KA	Each				
17.	300A 3P CIRCUIT BREAKER ABB/CBI	Each				
18.	150AMP 3P CIRCUIT BREAKER (ADJUSTABLE)	Each				
19.	250AMP 3P CIRCUIT BREAKER (ADJUSTABLE)NS250N WITH SHUT TRIP (CBI OR SCHNEIDER)	Each				
20.	400AMP 3P CIRCUIT BREAKER (ADJUSTABLE)NS400N WITH SHUT TRIP (CBI OR SCHNEIDER)	Each				
21.	600AMP 3P CIRCUIT BREAKER (ADJUSTABLE)NS630N WITH SHUT TRIP (CBI OR SCHNEIDER)	Each				

22.	800AMP 3P CIRCUIT BREAKER(L25DEM CURVE NF) ADJUSTABLE (CBI OR SCHNEIDER)	Each				
23.	1000AMP 3P CIRCUIT BREAKER (N50DEM CURVE NF) ADJUSTABLE (CBI OR SCHNEIDER)	Each				
24.	1200AMP 3P CIRCUIT BREAKER (N50DEM CURVE NF) ADJUSTABLE (CBI OR SCHNEIDER)	Each				
25.	POLE TOP ENCLOSURE BOX WITH DIN RAIL 2 WAY	Each				
26.	POLE TOP ENCLOSURE BOX WIRED WITH TWO DIN RAILS (4 WAYS) 581x403x201	Each				
27.	POLE TOP ENCLOSURE BOX WIRED WITH TWO DIN RAILS (8 WAYS) 581x403x201	Each				
28.	POLE TOP ENCLOSURE BOX WIRED WITH DIN RAILS AND 4x60A BREAKERS (4 WAYS) IP65	Each				
29.	POLE TOP ENCLOSURE BOX WIRED WITH TWO DIN RAILS AND 8x60A BREAKERS (8 WAYS) 581x403x201	Each				
30.	1500A 3P CIRCUIT BREAKER ADJUSTABLE	Each				
31.	EARTH LEAKAGE 63A SINGLE PHASE CBI	Each				
32.	EARTH LEAKAGE 60A THREE PHASE CBI	Each				
33.	DIN RAIL SLOTTED STEEL 2M X 35MM X 7.5MM	Each				
34.	SAMITE CIRCUIT BREAKER RAIL CLIP	Each				
TOTAL						

GROUP B

ITEM	DESCRIPTION	Unit/ Measure	1 st Year UNIT PRICE	2 nd Year UNIT PRICE	3 rd Year UNIT PRICE	TOTAL
1.	1.5mm ² x 4 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				

2.	1.5mm ² x 12 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
3.	2.5mm ² x 7 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
4.	4mm ² x 4 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000v	Meter				
5.	6mm ² x 4CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
6.	10mm ² x 2 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
7.	10mm ² x 4 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
8.	16mm ² x 2 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
9.	16mm ² x 4 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
10.	25mm ² x 4 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
11.	35mm ² x 4 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
12.	50mm ² x 4 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
13.	70mm ² x 4 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
14.	95mm ² x 4 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
15.	120mm ² x 4 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
16.	150mm ² x 4 CORE CABLE PVC,SWA,PVC[FR]SABS 1507-1990 Cu 600/1000V	Meter				
17.	25mm ² x 4CORE AMOURED CABLE ALUMINIUM, SWA, PVC 600/1000V	Meter				
18.	35mm ² x 4CORE AMOURED CABLE ALUMINIUM, SWA, PVC 600/1000V	Meter				

19.	70mm ² x 4CORE AMOURED CABLE ALUMINIUM, SWA, PVC 600/1000V	Meter				
20.	95mm ² x 4CORE AMOURED CABLE ALUMINIUM, SWA, PVC 600/1000V	Meter				
21.	120mm ² x 4CORE AMOURED CABLE ALUMINIUM, SWA, PVC 600/1000V	Meter				
22.	SURFIX CABLE 2.5mm 2 +E FLAT	Meter				
23.	POWER PANEL FLEX CABLE 50mm ²	Meter				
24.	POWER PANEL FLEX CABLE 70mm ²	Meter				
25.	POWER PANEL FLEX CABLE 95mm ²	Meter				
26.	70mm ² x 3 CORE CABLE XLPE ,11KV COPPER SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED COPPER CABLE 11KV/6.35KV	Meter				
27.	70mm ² x 3 CORE CABLE XLPE ,22KV COPPER SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED COPPER CABLE 22KV/12.7KV	Meter				
28.	70mm ² x 3 CORE + 54.6 Arial Bundle Conductor[BARE NEUTRAL PLUS WITHOUT STREETLIGHT CONDUCTOR]	Meter				
29.	35mm ² x 3 CORE + 54.6 BARE NEUTRAL WITHOUT STREETLIGHT]	Meter				
30.	70mm ² x 3 CORE + 54.6 Arial Bundle Conductor[INSULATED NEUTRAL WITHOUT STREETLIGHT CONDUCTOR]	Meter				

31.	35mm ² x 3 CORE + 54.6 Aerial Bundle Conductor[INSULATED NEUTRAL WITHOUT STREETLIGHT CONDUCTOR]	Meter				
32.	70mm ² x 3 CORE + 54.6 Aerial Bundle Conductor[BARE NEUTRAL WITH STREETLIGHT CONDUCTOR]	Meter				
33.	50mm ² 11 kV MV XLPE CABLE, THREE CORE COPPER CONDUCTOR SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED COPPER CABLE 11KV/6.35KV.	Meter				
34.	70mm ² 11 kV MV XLPE CABLE. THREE CORE COPPER CONDUCTOR SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED COPPER CABLE 11KV/6.35KV.	Meter				
35.	95mm ² 11 kV MV XLPE CABLE. THREE CORE COPPER CONDUCTOR SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED COPPER CABLE 11KV/6.35KV.	Meter				
36.	120mm ² 11 kV MV XLPE CABLE. THREE CORE COPPER CONDUCTOR SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED COPPER CABLE 11KV/6.35KV.	Meter				
37.	240mm ² 11 kV MV XLPE SINGLE CORE CABLE, COPPER CONDUCTOR SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED COPPER CABLE 11KV/6.35KV.	Meter				
38.	50mm ² 22 kV MV XLPE CABLE. THREE CORE COPPER CONDUCTOR SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED COPPER CABLE 22KV/12.7KV.	Meter				
39.	70mm ² 22 kV MV XLPE CABLE. THREE CORE COPPER CONDUCTOR SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED COPPER CABLE 22KV/12.7KV.	Meter				
40.	95mm ² 22 kV MV XLPE CABLE. THREE CORE COPPER CONDUCTOR SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED COPPER CABLE 22KV/12.7KV.	Meter				
41.	120mm ² 22 kV MV XLPE CABLE. THREE CORE COPPER CONDUCTOR SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED	Meter				

	COPPER CABLE 22KV/12.7KV.					
42.	150mm ² 22 kV MV XLPE CABLE. THREE CORE COPPER CONDUCTOR SCREENED, PVC BEDDED GALVANIZED STEEL ARMoured AND SHEATHED COPPER CABLE 22KV/12.7KV.	Meter				
43.	35mm ² (3+E) ABC XLPE, 11KV BUNDLE CONDUCTOR ALUMINIUM 11KV/6.35KV	Meter				
44.	50mm ² (3+E) ABC XLPE, 11KV BUNDLE CONDUCTOR ALUMINIUM 11KV/6.35KV	Meter				
45.	70mm ² (3+E) ABC XLPE, 11KV BUNDLE CONDUCTOR ALUMINIUM 11KV/6.35KV	Meter				
46.	10mm ² x AIRDECK CABLE (COPPER) SNE with PILOT WIRES	Meter				
47.	10mm ² x AIRDECK CABLE (ALLUMINIUM) SNE with PILOT WIRES	Meter				
48.	16mm ² x AIRDECK CABLE (COPPER) SNE with PILOT WIRES	Meter				
49.	16mm ² x AIRDECK CABLE (ALLUMINIUM) SNE with PILOT WIRES	Meter				
50.	16mm ² BARE EARTH WIRE	Meter				
51.	ALUMINIUM HARE CONDUCTOR Un-greased and to SABS 182/1975, ACSR (Aluminium Conductor Steel Reinforced).	Meter				
52.	ALUMINIUM MINK CONDUCTOR Un-greased and to SABS 182/1975, ACSR (Aluminium Conductor Steel Reinforced).	Meter				
53.	ALUMINIUM FOX CONDUCTOR Un-greased and to SABS 182/1975, ACSR (Aluminium Conductor Steel Reinforced)	Meter				
54.	7x3.35 STAY WIRE 100M COIL	Meter				
55.	ABC END CAP 10mm ²	Each				

56.	AIRDAC STRAIN CLAMPS, 10-16 mm2	Each				
						TOTAL

GROUP C

ITEM	DESCRIPTION	Unit/ Measure	1st Year UNIT PRICE	2nd Year UNIT PRICE	3rd Year UNIT PRICE	TOTAL
1.	<p>SINGLE PHASE PREPAID METER.</p> <p>RS485 COMMUNICATION. BAUD RATE: 4800BPS, 8 DATA BITS, 1 EVEN PARITY CHECK BIT. RS485 PORTS SUPPORT DATA READING AND DELIVERY BETWEEN DCU AND METERS. PLC COMMUNICATION (ALTERNATIVE). BAUD RATE: 4800BPS, 8 DATA BITS, NO CHECK BIT. COMPLIANT WITH THE DLMS STANDARD (DIRECT HDLC MODE). THE UTILITY CAN READ AND SET THE METER VIA THE MASTER STATION. THE MODULE SUPPORTS PLUG AND PLAY. SUPPORT EVENTS</p>	Each				

	REPORT AUTONOMOUSLY. SGC 000245-01-1					
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2.	<p>SINGLE PHASE CONVENTIONAL 20-100A METER</p> <p>Insulation Strength. AC voltage test. Impulse voltage test</p> <p>4kV during 1min. 1.2/50µs mains connections 6Kv. EMC</p> <p>Electrostatic discharges(Contact discharges)</p> <p>Electrostatic discharges(Air discharges)</p> <p>Surge immunity test</p> <p>FAST TRANSIENT BURST TEST. ELECTROMAGNETIC RF FIELDS (80MHZ TO 20.00MHZ) 8KV, 15KV, 4KV</p> <p>10V/M(WITH CURRENT), 30V/M(WITHOUT CURRENT)</p> <p>CONNECTION TERMINALS 10MM X 10MM</p> <p>IP54 (INDOOR. OPAQUE PC+ GLASS FIBER WITH A TRANSPARENT WINDOW. OPAQUE PC+ GLASS FIBER. PC + GLASS FIBER. NUMBER OF DIGITS. 13.3MM X 6.07MM</p>	Each				
3.	<p>THREE PHASE PREPAID METER</p> <p>PHYSICAL FEATURES, MAGNETIC LATCHING RELAY</p> <p>IMAX = 80A/100A. OPERATION LIFE IS A</p>	Each				
	<p>MINIMUM OF 5,000 TIMES UNDER RATED CURRENT. OPERATION LIFE IS A MINIMUM OF 10,000 TIMES UNDER NO LOAD CONDITION. PULSE DRIVEN: IN ORDER TO MAKE SURE THAT THE RELAY CAN WORK PROPERLY, THE VOLTAGE. EXERTED ON THE COIL MUST REACH RATED VOLTAGE AND THE WIDTH OF THE PULSE MUST BE 3 TIMES LONGER THAN THE OPERATION TIME. SHORT TIME OVER CURRENT: 30IM. SGC 000245-01-1</p>					

4.	KEY PAD – P160 G3-PLC CUSTOMER INTERFACE UNIT (CIU)	Each				
5.	KEYPAD DIGIT SIZE 4.5MM X 8.8MM. NUMBER OF DIGITS 8 COMMUNICATION INTERFACE OPTICAL COMMUNICATION PLC/MBUS ALTERNATIVE. DLMS/COSEM	Each				
6.	THREE PHASE CONVENTIONAL METER 3x230/400V (DIGITAL DISPLAY). IEC 62053-21-2003	Each				
6.	CONLOG SMART METER, WBEC44 (09) - SINGLE PHASE WIRELESS, SPLIT CONFIGURATION (SINGLE PHASE, 2 WIRE, DIRECT CONNECTED WIRELESS PREPAYMENT METER), RF WIRELESS COMMUNICATIONS BETWEEN MCU AND CIU. METER OPERATION IS INDEPENDENT OF CIU FUNCTION	Each				
7.	CONLOG SMART METER, WBEC62 (09) THREE PHASE WIRELESS, SPLIT CONFIGURATION (THREE PHASE, 4-WIRE, DIRECT CONNECTED PREPAYMENT METER), RF WIRELESS COMMUNICATIONS BETWEEN MCU AND CIU. METER OPERATION IS INDEPENDENT OF CIU FUNCTION	Each				
8.	KEYPAD, WIRELESS USER INTERFACE UNIT (WUIU), RF WIRELESS	Each				
9.	3PHASE PROGRAMMABLE ENERGY & DEMAND METER, Enermax plus.50 Hz, 3 wire and 4 wire inputs. TYPE: E+MA-654000 or similar product	Each				
TOTAL						

GROUP D

ITEM	DESCRIPTION	Unit/ Measure	1 st Year UNIT PRICE	2 nd Year UNIT PRICE	3 rd Year UNIT PRICE	TOTAL
1.	Splicing Joint Kit 1.1kv cable size (2.5 – 4mm) Duracast or Equivalent	Each				
2.	Splicing Joint Kit 1.1kv cable size (6 - 16mm) Duracast or equivalent	Each				
3.	Splicing Joint Kit 1.1kv Armored cable size (35- 50mm) Duracast or equivalent	Each				
4.	Splicing Joint Kit 1.1kv Armored cable size (50-70mm) Duracast or equivalent	Each				
5.	Splicing Joint Kit 1.1kv Armored cable size (70-120mm) Duracast or equivalent	Each				
6.	Splicing Joint Kit 1.1kv Armored cable size – (120 – 150mm) Duracast or equivalent	Each				
7.	JOINT KIT 35 – 70MM 11KV XLPE HEAT SHRINK	Each				
8.	JOINT KIT 50 – 95MM 11KV XLPE HEAT SHRINK	Each				
9.	JOINT KIT 50 – 120MM 11KV XLPE HEAT SHRINK	Each				
10.	JOINT KIT 35 – 70MM 22KV XLPE HEAT SHRINK	Each				
11.	JOINT KIT 50 – 70MM 22KV XLPE HEAT SHRINK	Each				
12.	JOINT KIT 70 – 120MM 22KV XLPE HEAT SHRINK	Each				
13.	TERMINATION KIT 35-70MM 11KV INDOOR, XLPE HEAT SHRINK	Each				
14.	TERMINATION KIT 50-120MM 11KV INDOOR, XLPE HEAT SHRINK	Each				

15.	TERMINATION KIT 120- 240MM 11KV INDOOR, XLPE HEAT SHRINK	Each				
16.	TERMINATION KIT 35- 70MM 11KV OUTDOOR, XLPE HEAT SHRINK, 800MM TAIL LENGTH.	Each				
17.	TERMINATION KIT 50- 95MM 11KV OUTDOOR, XLPE HEAT SHRINK, 800MM TAIL LENGTH.	Each				
18.	TERMINATION KIT 70- 120MM 11KV OUTDOOR, XLPE HEAT SHRINK, 800MM TAIL LENGTH.	Each				
19.	TERMINATION KIT 120- 240MM 11KV OUTDOOR, XLPE HEAT SHRINK, 800MM TAIL LENGTH.	Each				
20.	TERMINATION KIT 35- 70MM 22KV INDOOR, XLPE HEAT SHRINK	Each				
21.	TERMINATION KIT 50- 95MM 22KV INDOOR, XLPE HEAT SHRINK	Each				
22.	TERMINATION KIT 70- 120MM 22KV INDOOR, XLPE HEAT SHRINK- 800MM LENGTH	Each				
23.	TERMINATION KIT 35- 70MM 22KV OUTDOOR, XLPE HEAT SHRINK, 1200MM TAIL LENGTH.	Each				
24.	TERMINATION KIT 50- 95MM 22KV OUTDOOR, XLPE HEAT SHRINK, 1200MM TAIL LENGTH.	Each				
25.	TERMINATION KIT 70- 120MM 22KV OUTDOOR, XLPE HEAT SHRINK, 1200MM TAIL LENGTH.	Each				
26.	11KV TERMINATION BOOTS – RAYCHEM/CIP OR SIMILAR	Each				
27.	Overhead line insulation sleeve. 1-36KV; up to 70mm Cross sectional area	Meter				
28.	Medium voltage Silicone Rubber straight/right angled bushing boot. 6.6- 36KV; 35- 400sqmm	Each				
29.	PVC GLAND NO.0	Each				
30.	STEEL CABLE GLAND NO.1 +SHROUDS	Each				
31.	STEEL CABLE GLAND NO.2 +SHROUDS	Each				

32.	STEEL CABLE GLAND NO.3 +SHROUDS	Each				
33.	STEEL CABLE GLAND NO.4 +SHROUDS	Each				
34.	STEEL CABLE GLAND NO.5 +SHROUDS	Each				
35.	STEEL CABLE GLAND NO.6 +SHROUDS	Each				
36.	STEEL C/ABLE GLAND NO.7 +SHROUDS	Each				
37.	STEEL CABLE GLAND NO.8 +SHROUDS	Each				
38.	PVC INSULATION TAPE RED 19MM	Each				
39.	PVC INSULATION TAPE BLACK 19MM	Each				
40.	PVC INSULATION TAPE BLUE 19MM	Each				
41.	PVC INSULATION TAPE WHITE 19MM	Each				
42.	PVC INSULATION TAPE	Each				

	YELLOW 19MM					
43.	PVC INSULATION TAPE GREEN 19MM	Each				
44.	TAPE BUTAL 9MX24MM	Each				
45.	SCOTCH TAPE 23	Each				
46.	PUTTY SCOTCH	Each				
47.	1.5mm ² FERRULES COPPER	Each				
48.	2.5 mm ² FERRULES COPPER	Each				
49.	4 mm ² FERRULES COPPER	Each				
50.	6 mm ² FERRULES COPPER	Each				
51.	10 mm ² FERRULES COPPER	Each				
52.	16 mm ² FERRULES COPPER	Each				
53.	25 mm ² FERRULES COPPER	Each				
54.	35 mm ² FERRULES COPPER	Each				
55.	50 mm ² FERRULES COPPER	Each				
56.	70 mm ² FERRULES COPPER	Each				

57.	95 mm ² FERRULES COPPER	Each				
58.	120 mm ² FERRULES COPPER	Each				
59.	150 mm ² FERRULES COPPER	Each				
60.	1.5 mm ² X 5 mm CRIMPING LUGS COPPER	Each				
61.	1.5 mm ² X 6 mm CRIMPING LUGS COPPER	Each				
62.	1.5 mm ² X 8 mm CRIMPING LUGS COPPER	Each				
63.	2.5 mm ² X 6 mm CRIMPING LUGS COPPER	Each				
64.	2.5 mm ² X 8 mm CRIMPING LUGS COPPER	Each				
65.	4 mm ² X 5 mm CRIMPING LUGS COPPER	Each				

66.	4 mm ² X 6 mm CRIMPING LUGS COPPER	Each				
67.	4 mm ² X 10 mm CRIMPING LUGS COPPER	Each				
68.	6 mm ² X 5 mm CRIMPING LUGS COPPER	Each				
69.	6 mm ² X 10 mm CRIMPING LUGS COPPER	Each				
70.	10 mm ² X 6 mm CRIMPING LUGS COPPER	Each				
71.	10 mm ² X 8 mm CRIMPING LUGS COPPER	Each				
72.	10 mm ² X 10 mm CRIMPING LUGS COPPER	Each				
73.	10 mm ² X 12 mm CRIMPING LUGS COPPER	Each				
74.	16 mm ² X 5 mm CRIMPING LUGS COPPER	Each				
75.	16 mm ² X 6 mm CRIMPING LUGS COPPER	Each				
76.	16 mm ² X 8 mm CRIMPING LUGS COPPER	Each				
77.	16 mm ² X 10 mm CRIMPING LUGS COPPER	Each				
78.	16 mm ² X 12 mm CRIMPING LUGS COPPER	Each				
79.	16 mm ² X 16 mm CRIMPING LUGS COPPER	Each				
80.	25 mm ² X 8 mm CRIMPING LUGS COPPER	Each				
81.	25 mm ² X 10 mm CRIMPING LUGS COPPER	Each				

82.	25 mm ² X 12 mm CRIMPING LUGS COPPER	Each				
83.	35 mm ² X 8 mm CRIMPING LUGS COPPER	Each				
84.	35 mm ² X 10 mm CRIMPING LUGS COPPER	Each				
85.	35 mm ² X 12 mm CRIMPING LUGS COPPER	Each				
86.	35 mm ² X 16 mm CRIMPING LUGS COPPER	Each				
87.	35 mm ² X 20 mm CRIMPING LUGS COPPER	Each				
88.	50 mm ² X 10 mm CRIMPING LUGS COPPER	Each				
89.	50 mm ² X 12 mm CRIMPING LUGS COPPER	Each				
90.	70 mm ² X 8 mm CRIMPING LUGS COPPER	Each				
91.	70 mm ² X 10 mm CRIMPING LUGS COPPER	Each				

92.	70 mm ² X 12 mm CRIMPING LUGS COPPER	Each				
93.	70 mm ² X 16 mm CRIMPING LUGS COPPER	Each				
94.	70 mm ² X 20 mm CRIMPING LUGS COPPER	Each				
95.	95 mm ² X 10 mm CRIMPING LUGS COPPER	Each				
96.	95 mm ² X 12 mm CRIMPING LUGS COPPER	Each				
97.	95 mm ² X 16 mm CRIMPING LUGS COPPER	Each				
98.	120 mm ² X 10 mm CRIMPING LUGS COPPER	Each				
99.	120 mm ² X 12 mm CRIMPING LUGS COPPER	Each				
100.	120 mm ² X 16 mm CRIMPING LUGS COPPER	Each				
101.	150 mm ² X 10 mm CRIMPING LUGS COPPER	Each				
102.	150 mm ² X 12 mm CRIMPING LUGS COPPER	Each				
103.	150 mm ² X 16 mm CRIMPING LUGS COPPER	Each				
104.	ABC BI METALLIC LUGS INSULATED, 35mm	Each				
105.	ABC BI METALLIC LUGS INSULATED, 70mm	Each				
106.	ABC FURREL INSULATED, 70mm.	Each				

107.	ABC FURREL INSULATED, 70mm.	Each				
108.	LINE TAP M2, 8.4mm slot	Each				
109.	SILICONE LONGROD INSULATORS 22KV.	Each				
TOTAL						

GROUP E

ITEM	DESCRIPTION	Unit/ Measure	1 st Year UNIT PRICE	2 nd Year UNIT PRICE	3 rd Year UNIT PRICE	TOTAL
1.	7x3.35 POLE TOP MAKE-OFF	Each				
2.	GUY STRAIN INSULATOR, 710 mm	Each				
3.	HARE AUTOMATIC LINE SPLICE 7656AP	Each				
4.	HARE DEAD END	Each				
5.	HARE SIDE TIE	Each				
6.	HARE FERRULES STRAIGHT	Each				
7.	HARE LUGS	Each				
8.	HARE T-FERRULES	Each				
9.	FOX AUTOMATIC LINE SPLICE	Each				
10.	FOX SIDE TIE	Each				
11.	FOX DEAD END	Each				
12.	FOX FERRULES STRAIGHT	Each				
13.	FOX LUGS	Each				
14.	FOX T-FERRULES	Each				
15.	EM TWIST TIGHT SECURITY METER SEAL. Polycarbonate (PC) UV-Resistant transparent, Wire Length: 200mm Plastic Coated Steel, Cable Thickness: 1 mm, Average Breaking Strength: 40kg, Security Tamper Evident, Indicative Medium Working Temperature -40C / +120C, Colour: Red, Laser Prefixed & serially numbered, Marked Musina Electricity, units:1000pcs.	Each (1000pcs)				
16.	ELECTRIC HYDRAULIC CRIMPER 10-300MM WITH CHARGER AND 2 X 18V, 4AH	Each				

	BATTERIES.					
17.	MINK CONDUCTOR	Meter				
18.	MINK SPLICES	Each				
19.	MINK DEAD END	Each				
20.	MINK SIDE TIES	Each				
21.	FERRULES STRAIGHT	Each				
22.	MINK LUGS	Each				
23.	MINK T-FERRULES	Each				
TOTAL						

GROUP F

ITEM	DESCRIPTION	Unit/ Measure	1 st Year UNIT PRICE	2 nd Year UNIT PRICE	3 rd Year UNIT PRICE	TOTAL
1.	250V LIGHTNING ARRESTOR 8ka	Each				
2.	11KV LIGHTNING ARRESTOR LP1 Shall conform to IEC99 – 1 for “NON – LINEAR RESISTOR TYPE ARRESTERS FOR AC SYSTEMS” and shall be 10kA Series A arresters of the heavy duty type.	Each				
3.	22KV LIGHTNING ARRESTOR LP1 Shall conform to IEC99 – 1 for “NON – LINEAR RESISTOR TYPE ARRESTERS FOR AC SYSTEMS” and shall be 10kA Series A arresters of the heavy duty type.	Each				
4.	STRAP AND BINDING TOOL	Each				
5.	12 MM BUCKLES	Each				
6.	12 MM STAINLESS STEEL STRAPPING	Each				
7.	19MM BUCKLES	Each				
8.	19MM STAINLESS STEEL STRAPPING	Each				
9.	CONTACTOR VOLT 220V 25A	Each				
10.	CONTACTOR VOLT 400V 32A	Each				
11.	PG CLAMPS WITH TWO BOLTS, M8x45.	Each				
12.	CLEVIS THIMBLE 70KN	Each				
13.	PISTOL GRIP STRAIN CLAMP, THREE BOLTS. UTS 70KN	Each				
14.	EYE BOLTS M16 X 250MM	Each				
15.	EYE BOLTS M20 X 250MM	Each				
16.	EYE NUT M16	Each				
17.	EYE NUT M20	Each				
18.	INSULATORS SO5	Each				

19.	D-SHACKLE/INSULATOR SO5 BRACKET	Each				
20.	PIGTAIL BOLTS & NUTS M16	Each				
21.	INSULATOR STAY SAG 522	Each				
22.	22KV FUSE CUTOOUT COMPLETE WITH FUSE TUBE	Each				
23.	INSULATORS STRAINING AND SUSPENSION DISC LONG ROD PFISTERER HASDI 280/970	Each				
24.	POST INSULATORS SPINDLE PORCELAIN [ESKOM SPEC] 22kV Type Brown glazed porcelain System voltage 22Kv Failing load 4kN Creepage distance,633mm minimum, BIL, 170kV EP 472	Each				
25.	WIRE STAPLES/U-NAILS 40 x 4.0MM	Each				
26.	1.8M EARTH SPIKE + CLAMPS	Each				
27.	MV STAYRODS M20x2.4m	Each				
28.	MV SWIVEL STRUT POLE BRACKET	Each				

29.	M16 ADJUSTABLE STAY RODS COMPLETE WITH BASE PLATE	Each				
30.	STREETLIGHT FITTING Power: 50W, Shell material: Aluminum, Input voltage: 220V, Color temperature: 6000K, Light color: White, Lamp beads: 1, Luminous flux: 5000LM, Waterproof grade: IP65, 50W light total size: approx. 495x205x55mm, 50W light hole size: approx. 43mm Features: COB light source, Has a compact body which offers a highly efficient lighting solution as street lights. Great for heat dissipation and guarantee the life of bulb, Better dustproof and weatherproof effect,	Each				
31.	STAY THIMPLES, 16mm.	Each				

32.	CROSBY CLAMP M12	Each				
33.	FUSE DROP OUT 11KV WESTINGHOUSE FUSE ARM (DROP OUT)	Each				
34.	DROP OUT/ FUSE CUT UT HOLDER	Each				
35.	SOLID LINK 400A	Each				
36.	BARRIER/DANGER TAPE	Each				
37.	CABLE BARRIER/DANGER TAPE SKULL AND CROSS BONES	Each				
38.	LV STAYRODS M16x2.4m	Each				
39.	FUSE TUBE ASSEMBLY HT 400AMP	Each				
40.	ABC DEAD END	Each				
41.	ABC SUSPENSION CLAMPS [HANGERS]	Each				
42.	ABC STRAIN CLAMPS, 50-70mm ² . SABS 1507-1990 Cu 600/1000V	Each				
43.	NEUTRAL SURGE ARRESTORS, 6.6kV/10kA, silicon rubber	Each				
44.	ABC FUSE SWITCH [FUSE HOLDER].	Each				
45.	ABC LINE CLAMP IPC BLACK 35mm ² -95mm ²	Each				
46.	ANTI CLIMBING DEVICES SPIKES DDT3036	Each				
47.	FUSE STRIKE PIN OEFMA 12KV, 35.5A (254mm in length and 63.5mm diameter)	Each				
48.	FUSE STRIKE PIN OEFMA 12KV, 35.5A (359mm and 63.5mm diameter, 38/13)	Each				
49.	FUSE STRIKE PIN OEFMA 12KV, 50A (359mm, 63.5mm diameter, 38/13)	Each				
50.	FUSE STRIKE PIN OEFMA 12KV, 50A (254mm in length and 63.5mm diameter)	Each				
51.	FUSE STRIKE PIN OEFMA 63A (254mm in length and 63.5mm diameter)	Each				

52.	FUSE STRIKE PIN OEFMA 63A (359mm, 63.5mm diameter, 38/13)	Each				
53.	FUSE STRIKE PIN OEFMA 80A (254mm in length and 63.5mm diameter)	Each				
54.	FUSE STRIKE PIN OEFMA 80A (359mm, 63.5mm diameter, 38/13)	Each				
55.	FUSE STRIKE PIN OEFMA 100 (254mm in length and 63.5mm diameter)	Each				
56.	FUSE STRIKE PIN OEFMA 100 (359mm in length and 63.5mm diameter)	Each				
57.	1AMP HT FUSE ELEMENT TYPE K	Each				
58.	2AMP HT FUSE ELEMENT TYPE K	Each				
59.	5AMP HT FUSE ELEMENT TYPE K	Each				
60.	6AMP HT FUSE ELEMENT TYPE K	Each				
61.	8AMP HT FUSE ELEMENT TYPE K	Each				
62.	10AMP HT FUSE ELEMENT TYPE K	Each				
63.	15AMP HT FUSE ELEMENT TYPE K	Each				
64.	20AMP HT FUSE ELEMENT TYPE K	Each				
65.	25AMP HT FUSE ELEMENT TYPE K	Each				
66.	30AMP HT FUSE ELEMENT TYPE K	Each				
67.	40AMP HT FUSE ELEMENT TYPE K	Each				
68.	50AMP HT FUSE ELEMENT TYPE K	Each				
69.	60AMP HT FUSE ELEMENT TYPE K	Each				
70.	80AMP HT FUSE ELEMENT TYPE K	Each				
71.	100AMP HT FUSE ELEMENT TYPE K	Each				

72.	FUSE TUBE ASSEMBLY HT [160AMP]	Each				
73.	125AMP HT FUSE ELEMENTS TYPE K	Each				
74.	140AMP HT FUSE ELEMENTS TYPE K	Each				
75.	400A CUTOUT/ DROP OUT FUSES CREEPAGE 480mm	Each				
76.	ABC FUSES (MOSDORF) 80A	Each				
77.	ABC FUSES(MOSDORF) 100A	Each				
78.	ABC FUSES(MOSDORF) 160A	Each				

TOTAL						
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GROUP G

ITEM	DESCRIPTION	Unit/ Measure	1 st Year UNIT PRICE	2 nd Year UNIT PRICE	3 rd Year UNIT PRICE	TOTAL
1.	CBI READY BOARD BULKHEAD	Each				
2.	SWITCHES DAYLIGHT 15A 220-240V NATIONAL	Each				
3.	MOTION SENSORS – MAJOR TECH INFRARED 360 PIR 36 – WHITE	Each				
4.	CABLE DUCT 110MM BLACK	Each				
5.	LED TUBE FITTINGS 4FT DOUBLE	Each				
6.	LED TUBE FITTINGS 5FT DOUBLE	Each				
7.	LED TUBES 4FT – RENESOLA RT8018001 AC100- 240V 18W	Each				
8.	LED TUBES 5FT - RENESOLA RT8018001 AC100- 240V 22W	Each				
9.	ENERGY SAVER BULB 11W BC	Each				
10.	ENERGY SAVER BULB 11W ES	Each				
11.	20MM GALVANIZED SADDLE	Each				
12.	1 KG x SILICA JEL	Each				
13.	LED GLOBE 9W E27 (BC)	Each				
14.	LED GLOBE 9W E27 (ES)	Each				
15.	BARBWIRE 12.5 KG 135m LENGTH.	Each				
16.	20Lx ELECTRIC CLEANER	Each				
17.	300ml PENETRATING OIL (LUBRICATING OIL)	Each				
18.	9V BATTERY AA9	Each				
19.	BATTERY1.5 C-CELL	Each				
20.	BATTERY1.5 D-CELL	Each				

21.	BATTERY PENLIGHT AA (ALKALINE)	Each				
22.	BATTERY PENLIGHT AAA (ALKALINE)	Each				
23.	BATTERY 3V, CR2032 (LITHIUM)	Each				
24.	50watts LED DRIVER, Input AC:90-265V & Output DC: 22-43V, 1.5A (11x3.5x2.8cm) IP66	Each				
25.	50watts LED CHIP, (5.3x4.6cm)	Each				
26.	100watts LED DRIVER, Input AC:85-265V & Output DC: 24-38V, 3A (11x3.5x2.8cm) IP66	Each				
27.	50watts LED CHIP (22.5x5.25cm)	Each				
28.	STREET LIGHT GLOBE 80W HPL-N (E27)	Each				
29.	7W LED DOWN LIGHTS	Each				
30.	T120R CABLE TIE PER PACK	Each				
31.	T50R CABLE TIE PER PACK	Each				
32.	SURFIX CABLE 1.5 X 2+E FLAT	100m				
33.	SURFIX CABLE 2.5 X 2 +E FLAT	100m				
34.	10mm ² HOUSE WIRE RED	100m				
35.	10 mm ² HOUSE WIRE BLUE	100m				
36.	10 mm ² HOUSE WIRE WHITE	100m				
37.	10 mm ² HOUSE WIRE BLACK	100m				
38.	16 mm ² HOUSE WIRE RED	100m				
39.	16 mm ² HOUSE WIRE WHITE	100m				
40.	16 mm ² HOUSE WIRE BLUE	100m				
41.	16 mm ² HOUSE WIRE BLACK	100m				

42.	4 mm ² HOUSE WIRE RED	100m				
43.	4 mm ² HOUSE WIRE WHITE	100m				
44.	4 mm ² HOUSE WIRE BLUE	100m				
45.	4 mm ² HOUSE WIRE BLACK	100m				
46.	1.5 mm ² HOUSE WIRE RED	100m				

47.	1.5 mm ² HOUSE WIRE WHITE	100m				
48.	1.5 mm ² HOUSE WIRE BLUE	100m				
49.	1.5 mm ² HOUSE WIRE BLACK	100m				
50.	600mm LED TUBE RENESOLA 9W AC100-240V	Each				
51.	DAYLIGHT SWITCH BOTTOM ENTRY	Each				
52.	MOTION SENSOR, (PIR SURFACE MOUNTED SENSOR) 220-240VOLT, 1200 WATTAGE	Each				
53.	1500MM LED LIGHTING TUBES, 100-230 SUPPLY VOLT, 22 WATTAGE(POWER ON BOTH ENDS)	Each				
54.	1200MM LED LIGHTING TUBES, 100-230 SUPPLY VOLT, 20 WATTAGE(POWER ON BOTH ENDS)	Each				
55.	FLOOD LIGHTS LED 100 WATTS	Each				
56.	FLOOD LIGHTS LED 150 WATTS	Each				
57.	SPECTRUM MS10 10AMP 230VAC	Each				
58.	2.5 mm ² HOUSE WIRE RED	100m				
59.	2.5mm ² HOUSE WIRE BLACK	100m				
60.	2.5 mm ² HOUSE WIRE BLUE	100m				

61.	2.5 mm ² HOUSE WIRE WHITE	100m				
62.	18W/840 TUBES	Each				
63.	1.2M LED FLOURESCENT FITTING OPEN CHANNEL	Each				
64.	1.5M LED FLOURESCENT FITTING OPEN CHANNEL	Each				
65.	36W/21-840 TUBES	Each				

66.	CONTACTOR- VOLT 220V coil 25A	Each				
67.	CONTACTOR- VOLT 400V coil 32A.	Each				
68.	STREET LIGHT GLOBE 125W M/V (E27)	Each				
69.	STREET LIGHT GLOBE 80W HPL-N (E27)	Each				
70.	HIGH MAST LIGHT BULB, 1000 W E40 (HPS).	Each				
71.	BALLAST 125-250W, 5.0A	Each				
72.	BALLAST 1000W, 10.30A (HPS)	Each				
73.	IGNITOR 70-400W, lb max 5A, 220-240V, 50/60Hz	Each				
74.	IGNITOR 250-1000W, lb max 12A	Each				
75.	CAPACITOR 45 μ F, \pm 5%, 50/60Hz, 450VAC	Each				
76.	CAPACITOR 30 μ F, \pm 5%, 450VAC, 40/70/21, 50/60Hz	Each				
77.	CAPACITOR 10 μ F, \pm 10%, 250VAC, 50Hz, -25/85 $^{\circ}$ C, SABS 1250 1979	Each				
78.	BATTERY, 12V, 7AH (Lead Acid)	Each				
79.	BATTERY, 12V, 18AH (Lead Acid)					
TOTAL						

GROUP H

ITEM	DESCRIPTION	Unit/ Measur e	1 st Year UNIT PRICE	2 nd Year UNIT PRICE	3 rd Year UNIT PRICE	TOTAL
1.	HACKSAW BLADES 18 TEETH	Each				
2.	HACKSAW BLADES 24 TEETH	Each				
3.	HACKSAW BLADES 32 TEETH	Each				
4.	BOWSAW BLADES 530MM	Each				
5.	BOWSAW BLADES 600MM	Each				
6.	BOWSAW BLADES 750MM	Each				
7.	BOWSAW BLADES 900MM	Each				
8.	BLADES UTILITY/KNIFE BLDES	Each				
9.	BRASS BOLTS AND NUTS 10X65MM	Each				
10.	BRASS BOLTS AND NUTS 12X65MM	Each				
11.	WOOD AUGER 18MM	Each				
12.	WOOD AUGER 22MM	Each				
13.	RAMSET 6X55MM	Each				
14.	0.4X0.19MM SELFTAPPING SCREWS	Each				

BOLTS AND NUTS MILD STEEL PER KG						
15.	30X12MM	Kg				
16.	30X10MM	Kg				
17.	50X10MM	Kg				
18.	50X12MM	Kg				
19.	65X10MM	Kg				
20.	65X12MM	Kg				

21.	110X10MM	Kg				
22.	110X12MM	Kg				
23.	130X12MM	Kg				
24.	150X12MM	Kg				
25.	180X12MM	Kg				
26.	200X12MM	Kg				
27.	240X12MM	Kg				
28.	255X12MM	Kg				
29.	300X12MM	Kg				
30.	10MM THREADED ROD 750MM	Each				
31.	12MM THREADED ROD 750MM	Each				
32.	16MM THREADED ROD 1M	Each				
33.	20MM THREADED ROD 1M	Each				
34.	20MM THREADED ROD 450MM	Each				
35.	10MM WASHERS	Each				
36.	12MM WASHERS	Each				
37.	16MM WASHERS	Each				
38.	20MM WASHERS	Each				
39.	10MM NUTS	Each				

40.	12MM NUTS	Each				
41.	16MM NUTS	Each				
42.	20MM NUTS	Each				
43.	16MM GALVANISED NUTS	Each				
44.	16MM GALVANISED WASHERS	Each				
45.	530MM BOWSAW	Each				

46.	600MM BOWSAW	Each				
47.	750MM BOWSAW	Each				
48.	900MM BOWSAW	Each				
						TOTAL

GROUP I

ITEM	DESCRIPTION	Unit/ Measure	1 st Year UNIT PRICE	2 nd Year UNIT PRICE	3 rd Year UNIT PRICE	TOTAL
1.	LT1 METER BOXES STAINLESTEEL	Each				
2.	LT2 METER BOXES STAINLESTEEL	Each				
3.	LT3 METER BOXES STAINLESTEEL	Each				
4.	LT4 METER BOXES STAINLESTEEL	Each				
5.	PANEL KEYS	Each				
6.	LT2 PADLOCK +KEYS	Each				
7.	LT3 PADLOCK +KEYS	Each				
8.	LT5 PADLOCK +KEYS	Each				
9.	YORK BOXES STAINLESTEEL 4WAY	Each				
10.	YORK BOXES STAINLESTEEL 2WAY	Each				
11.	PADLOCK WEATHER PROOF LONG SHACKLE, ANTI-RUST, 45MM LAN, OCTAGONAL 38MM LOCK, 18X10X3CM +KEYS	Each				
12.	PADLOCK WEATHER PROOF, ANTI- RUST, 50MM LAN+KEYS	Each				
13.	PADLOCK WEATHER PROOF, ANTI- RUST, 60MM LAN+KEYS	Each				
14.	PADLOCK WEATHER PROOF, ANTI- RUST, 70MM LAN+KEYS	Each				
TOTAL						

GROUP J

ITEM	DESCRIPTION	Unit/ Measure	1st Year UNIT PRICE	2nd Year UNIT PRICE	3rd Year UNIT PRICE	TOTAL
1.	6m WOODEN POLE TREATED (140-160mm)	Each				
2.	7m WOODEN POLE TREATED (120-140mm)	Each				
3.	9m WOODEN POLE TREATED (140-160mm)	Each				
4.	9m WOODEN POLE TREATED (160-180mm)	Each				
5.	11m WOODEN POLE TREATED (160-180mm)	Each				
6.	11m WOODEN POLE TREATED (180-200mm)	Each				
7.	12m WOODEN POLE TREATED (180-200mm)	Each				
8.	14m WOODEN POLE TREATED (200-240mm)	Each				
9.	18m WOODEN POLE TREATED (200-240mm)	Each				
10.	2500mm WOODEN CROSS-ARM TREATED (140-160mm)	Each				
11.	3500mm WOODEN CROSS-ARM TREATED (140-160mm)	Each				
TOTAL						

GROUP K

ITEM	DESCRIPTION	Unit/ Measure	1 st Year UNIT PRICE	2 nd Year UNIT PRICE	3 rd Year UNIT PRICE	TOTAL
1.	URN ELEMENT DOUBLE 3KW	Each				
2.	URN THERMOSTAT 20AMPS	Each				
3.	GEYSER ELEMENT 3KW SPIRAL	Each				
4.	UNITHERM 4KW GEYSER ELEMENT HW	Each				
5.	70 TH THERMOSTAT	Each				
6.	CRABTREE 4X2 SINGLE SOCKET	Each				
7.	CRABTREE 4X2 SINGLE SOCKET COVER	Each				
8.	CRABTREE 4X4 SINGLE SOCKET	Each				
9.	CRABTREE 4X4 SINGLE SOCKET COVER	Each				
10.	CRABTREE 4X4+2 SLIM SOCKET	Each				
11.	CRABTREE 4X4+2 SLIM SOCKET COVER	Each				
12.	CRABTREE 4X4 DOUBLE SOCKET	Each				
13.	CRABTREE 4X4 DOUBLE SOCKET COVER	Each				
14.	CRABTREE 4X2 1L 1W SWITCH WHITE	Each				
15.	CRABTREE 4X2 1L 1W SWITCH WHITE COVER	Each				
16.	CRABTREE 4X2 2L 1W SWITCH WHITE	Each				
17.	CRABTREE 4X2 2L 1W SWITCH WHITE COVER	Each				
18.	SOLID STOVE PLATES 145mm (1500W)	Each				

19.	SOLID STOVE PLATES 150mm (1500W)	Each				
20.	SOLID STOVE PLATES 180mm (2000W)	Each				
21.	BASE PLATES 300mm x 300mm	Each				
22.	BASE PLATES 450mm x 450mm	Each				
TOTAL						

GROUP L

ITEM	DESCRIPTION	Unit/ Measur e	1 st Year UNIT PRICE	2 nd Year UNIT PRIC E	3 rd Year UNIT PRICE	TOTAL
1.	CHANNEL IRON 75X50X6MM	Each				
2.	ANGLE IRON 50X50X6MM	Each				
3.	CHAIN SAW STHILL 28 DRIVE LINK MS382 PETROL	Each				
4.	BRUSH CUTTERS STHILL FS280 PETROL	Each				
5.	PETROL DRIL STHILL BT45	Each				
6.	EXTENSION LADDER FIBRE 8m (Eskom spec) SABS APPROVED	Each				
7.	EXTENSION LADDER FIBRE 12m (Eskom spec) SABS APPROVED	Each				
8.	TELESCOPIC LINK STICK (9m) SABS APPROVED	Each				
9.	RATCHET CHAIN LEVER HOIST (DRAW VICES) 750KG 3m LIFT	Each				
10.	RATCHET CHAIN LEVER HOIST (DRAW VICES) 2TON 3m LIFT	Each				
11.	COME A LONGS 2TON NGK GRIPS 4- 22mm JAW OPENING	Each				
12.	COME A LONGS 3TON NGK GRIPS 16- 32mm JAW OPENING	Each				
13.	PROXIMITY TESTERS	Each				
14.	WORKING EARTHS	Each				
15.	SLINGS 3TON 4m NYLON	Each				
16.	SLINGS 1TON 10m 50mm FLAT WEBBING	Each				
17.	SLINGS 6.4TON 4 LEG X 2m CHAIN	Each				
18.	SLING 6TON TIE DOWNS RATCHET 9m	Each				
19.	ABC STRINGING PULLEY 250KG	Each				
20.	A-FRAME LADDER FIBRE 5 STEP SABS APPROVED	Each				

21.	A-FRAME LADDER FIBRE 6 STEP SABS APPROVED	Each				
22.	A-FRAME LADDER FIBRE 8 STEP SABS APPROVED	Each				
23.	A-FRAME LADDER FIBRE 10 STEP SABS APPROVED	Each				
24.	A-FRAME LADDER FIBRE 12 STEP SABS APPROVED	Each				
TOTAL						

GROUP M

ITEM	DESCRIPTION	Unit/ Measure	1st Year UNIT PRICE	2nd Year UNIT PRICE	3rd Year UNIT PRICE	TOTAL
1.	HERBICIDES – ERASE 20L or equivalent	Each				
2.	GARLON – 20L or equivalent	Each				
TOTAL						

GROUP N

ITEM	DESCRIPTION	Unit/ Measure	1st Year UNIT PRICE	2nd Year UNIT PRICE	3rd Year UNIT PRICE	TOTAL
1.	16KVA SINGLE PHASE TRANSFORMER 50Hz 11000/242V	Each				
2.	16KVA SINGLE PHASE TRANSFORMER 50Hz 22000/242V	Each				
3.	25KVA THREE PHASE TRANSFORMER 50Hz 11000/420V	Each				
4.	25KVA THREE PHASE TRANSFORMER 50Hz 22000/420V	Each				
5.	50KVA THREE PHASE TRANSFORMER 50Hz 11000/420V	Each				
6.	50KVA THREE PHASE TRANSFORMER 50Hz 22000/420V	Each				
7.	100KVA THREE PHASE TRANSFORMER 50Hz 11000/420V	Each				
8.	100KVA THREE PHASE TRANSFORMER 50Hz 22000/420V	Each				
9.	200KVA THREE PHASE TRANSFORMER 50Hz 11000/420V	Each				
10.	200KVA THREE PHASE TRANSFORMER 50Hz 22000/420V	Each				
	TRANSFORMER 50Hz 22000/420V					
11.	315KVA THREE PHASE TRANSFORMER 50Hz 11000/420V	Each				
12.	315KVA THREE PHASE TRANSFORMER 50Hz 22000/420V	Each				
13.	400KVA THREE PHASE TRANSFORMER 50Hz 11000/420V	Each				
14.	400KVA THREE PHASE TRANSFORMER 50Hz 22000/420v	Each				
15.	500KVA THREE PHASE TRANSFORMER 50Hz 11000/420V	Each				
16.	500KVA THREE PHASE TRANSFORMER 50Hz 22000/420V	Each				
17.	630KVA THREE PHASE TRANSFORMER 50Hz 11000/420V	Each				

18.	630KVA THREE PHASE TRANSFORMER 50Hz 22000/420V	Each					
19.	MINISUB 315KVA [HIGH VOLTAGE SWITCH GEAR, TRANSFORMER COMPARTMENT AND LOW VOLTAGE SWITCH GEAR]11000/420V RM6 SCHNEIDER SF6 RMU INSTALLED IN HV	Each					
20.	MINISUB 500KVA [HIGH VOLTAGE SWITCH GEAR, TRANSFORMER COMPARTMENT AND LOW VOLTAGE SWITCH GEAR]11000/420V SF6 RMU INSTALLED IN HV	Each					
21.	MINISUB 630KVA [HIGH VOLTAGE SWITCH GEAR, TRANSFORMER COMPARTMENT AND LOW VOLTAGE SWITCH GEAR]11000/420V RM6 SCHNEIDER SF6 RMU INSTALLED IN HV	Each					
22.	MINISUB 315KVA [HIGH VOLTAGE SWITCH GEAR, TRANSFORMER COMPARTMENT AND LOW VOLTAGE SWITCH GEAR]22000/420V RM6 SCHNEIDER SF6 RMU INSTALLED IN HV	Each					
23.	MINISUB 500KVA [HIGH VOLTAGE SWITCH GEAR, TRANSFORMER COMPARTMENT AND LOW VOLTAGE SWITCH GEAR]22000/420V SF6 RMU INSTALLED IN HV	Each					
24.	MINISUB 630KVA [HIGH VOLTAGE SWITCH GEAR, TRANSFORMER COMPARTMENT AND LOW VOLTAGE SWITCH GEAR]22000/420V RM6 SCHNEIDER SF6 RMU INSTALLED IN HV	Each					
25.	OUTDOOR RINGMASTER TECHNOLOGY 3WAY (IDI)- SF6; LOAD MAKE AND BREAK, FAULT MAKE ONLY RATED NORMAL CURRENT- 200A; 630A; 1250A RATED OPERATING SEQUENCE- O - 10 SECONDS - C- 3 SECONDS – O RATED VOLTAGE -3.3 - 13.8 KV MECHANISM TYPE [EATS 41- 26]- INDEPENDENT MANUAL- INDEPENDENT MANUAL, MOTOR CHARGE SPRING	Each					

	<p>MAXIMUM OPERATING FORCE-< 400N @ 1250 MM HEIGHT MOTOR OPERATING VOLTAGES-24V D.C.</p>					
26.	<p>OUTDOOR RINGMASTER TECHNOLOGY 3WAY (III)- SF6; LOAD MAKE AND BREAK, FAULT MAKE ONLY</p> <p>RATED NORMAL CURRENT- 200A; 630A; 1250A RATED OPERATING SEQUENCE- O - 10 SECONDS - C- 3 SECONDS – O</p> <p>RATED VOLTAGE -3.3 - 13.8 KV</p> <p>MECHANISM TYPE [EATS 41- 26]- INDEPENDENT MANUAL- INDEPENDENT MANUAL, MOTOR CHARGE SPRING</p> <p>MAXIMUM OPERATING FORCE-< 400N @ 1250 MM HEIGHT MOTOR OPERATING VOLTAGES-24V D.C.</p>	Each				

27.	<p>OUTDOOR RINGMASTER TECHNOLOGY 4WAY (IDDI)- SF6; LOAD MAKE AND BREAK, FAULT MAKE ONLY</p> <p>RATED NORMAL CURRENT- 200A; 630A; 1250A</p> <p>RATED OPERATING SEQUENCE- O - 10 SECONDS - C- 3 SECONDS – O</p> <p>RATED VOLTAGE -3.3 - 13.8 KV</p> <p>MECHANISM TYPE [EATS 41- 26]- INDEPENDENT MANUAL- INDEPENDENT MANUAL, MOTOR CHARGE SPRING</p> <p>MAXIMUM OPERATING FORCE-< 400N @ 1250 MM HEIGHT</p> <p>MOTOR OPERATING VOLTAGES-24V D.C.</p>	Each				
28.	TRANSFORMER MOUNTING PLATFORM,	Each				

29.	TRANSFORMER METER KIOSK. STEEL .ENCLOSURE, ORANGE COLOUR 800x600x300	Each				
30.	200/5 CURRENT TRANSFORMER (CT) 15VA 10P10 (12KV) CLASS 0.5	Each				
31.	600/5 CURRENT TRANSFORMER (CT) 15VA 10P10 (12KV) CLASS 0.5	Each				
32.	800A SBV4 (V204) 12KV 25KA COMPLETE BREAKER WITH 110VAC CLOSING COIL & 30VDC TRIPPING COIL-ALSTOM/ACTOM	Each				
33.	VOLTAGE TRANSFORMER INDOOR 11000/110V 3PH 400VA CLASS 1	Each				
34.	300A PIX-001 COMPLETE VACUUM BREAKER 12KV 31.5KA WITH 110VAC & 110VDC CLOSING COILS-SCHNIDER	Each				
35.	TRANSFORMER OIL [PER DRUM]	Each				
36.	TRANSFORMER BREATHER	Each				
37.	AUTO-RECLOSER: NOVA 15 CONTROL POWERED (24V-DC)	Each				

38.	MAGNETICALLY ACTUATED VACUUM INTERRUPTERS. ISO 9001 CERTIFIED QUALITY MANAGEMENT SYSTEM. CONTROLLER TYPE: F6-2PB FORMO6 CONTROL PROTECTION PROFILE: OVERCURRENT, OVER/UNDER VOLTAGE, OVER/UNDER FREQUENCY PLUS INTERFACE CABLE: 19- PIN, 6M CONTROL CABLE WITH MALE AND FEMALE CONNECTORS COMPATIBLE FOR PLUGGING ONTO THE CONTROL AND RECLOSER RECEPTACLES.	Each				
39.	AUTO-RECLOSER NOV A27WITH CONTROLLER AND INTERFACE CABLE .CONTROLLER TYPE: SF6-2PB NOVA FORMO6 CONTROL. CONTROL TO BE COMPATIBLE WITH COOPER TYPE KFMVME RECLOSERS (OF TYPE B CT's (three phase Microprocessor).	Each				
40.	RECLOSER CONTROL BATTERIES; 12V 8AHR/20HR RECHARGEABLE NON- SPILLABLE VALVE REGULATED.	Each				
41.	CT/VT UNITS: POLE MOUNTED OUTDOOR OIL FILLED 6 LIMB METERING UNIT. OPERATING VOLTAGES: 3PH VT, 11000/22000:110V/100VA/CLASS 0.5 METERING CUBICLE, INTER- CONNECTION CABLE, SINGLE PHASE CT UNITS AND SINGLE PHASE VT UNITS.	Each				
42.	CURRENT TRANSFORMER (CT) 150/5, 40mm/48mm, 3VA, 660V	Each				
43.	CURRENT TRANSFORMER (CT) 200/5, 40mm/48mm, 3VA, 660V	Each				
44.	CURRENT TRANSFORMER (CT) 250/5, 40mm/48mm, 3VA, 660V	Each				

45.	CURRENT TRANSFORMER (CT) 300/5, 40mm/48mm, 3VA, 660V	Each				
46.	CURRENT TRANSFORMER (CT) 400/5, 40mm/48mm, 3VA, 660V	Each				
47.	OVERCURRENT PROTECTION RELAY Micom P122	Each				
48.	OVERCURRENT PROTECTION RELAY Schneider Sepam UMI Module Series 40	Each				
49.	12kV Vacuum Interrupter V207-8	Each				
TOTAL						

7. Compulsory documents to submit with the bid to be considered for appointment

7.1 Supply chain management documentations (administrative compliance)

- a) Tax compliance status pin issued
- b) Confirmation of vat registration
- c) Certified ID copies of all members / owners / directors / shareholders / trustees
- d) Copy of municipal rates and taxes statement of account not older than three months for all directors and for the company
- e) Central supplier database registration report

8. Evaluation of bids

All bids received will be evaluated as follows:

1st stage

Bids received will be evaluated based on administrative compliance (Supply chain Management requirements)

2nd stage

Bids received will be evaluated for Price and Specific goals on the 80/20 preference points scoring system Where 80 points for price and 20 points for Specified goals as follows:

Designated groups	Number of points (20)
Points for HDI status (at least 51% Black owned)	10
Points for 51% Women's Equity	4
Points for Black person with Disability	3
Points for 51% Owned Youth firm	3
Forms not completed or submitted	

9. WITHDRAWAL OF TENDER

In the event of the successful tender failing to execute the service in terms of this tender, the Municipality shall be entitled to cancel the contract summarily, in which event the Bidder shall be liable for any additional expense incurred by reason of the Municipality having to call for fresh tenders or having to accept any less favourable tender.

10. PERIOD OF VALIDITY OF TENDER

The period of validity of tenders shall be 90 days as stated in the tender form and be calculated from the closing date for submission of tenders.

11. NOTICE OF BIDDERS

Should any additions or alterations to the document as issued to Bidders be deemed necessary prior to the date for submission of tenders, they will be issued to Bidders in the form of Notices and will form part of the tender document.

The Notices to Bidders shall be completed where applicable by Bidders, signed, dated and returned with the tender documents.

12. DELIVERY CONDITIONS AND PERIOD

The successful bidder will be appointed for a period of three years. Within this period, the successful bidder must Supply and deliver all items as per approved order by the Municipality. The municipality; through the Supply Chain Manager; will furnish the successful bidder with a listing of items approved for delivery on a periodic basis, as and when needed. Upon the receipt of the listing of items approved for supply and delivery, the successful bidder will be expected to deliver items within seven (7) working days.