



PROCUREMENT OF ELECTRICAL TOOLS, EQUIPMENT AND MACHINAERY

ASSETS			
NO.	Item	Quantity	Specifications and descriptions
1.	Cable knife	15	180mm
2.	Combination pliers	15	180mm
3.	Crimper hand tool 216mm	4	2-16mm TOOC99
4.	Cutter diagonal 200mm	15	140mm
5.	Set file, bastard, second cut and smooth	15	300mm
6.	Flat file	15	300mm
7.	Round file	3	150mm
8.	Half round	3	200mm
9.	Set screw drivers (insulated) (6 pieces)	15	1000v
10.	Tube spanner (8&10)	15	8x9
11.	Combination spanner set (6-13)	3	6-13mm
12.	Centre punch	15	190mm
13.	Scriber	5	
14.	Ball pen hammer	15	200g
15.	Prick punch	15	4x100mm
16.	Tap wrench	3	M3 to M10
17.	Set of combination spanners	15	190mm
18.	Allen key set – metric	15	metric size
19.	Allen key set – imperial	15	Imperial size
20.	Water pipe wrench	15	250mm
21.	Mallet hammer	3	1.8 KG
22.	Inside circlip pliers	3	Multi pack
23.	Outside circlip pliers	3	Multi pack
24.	Ball pein hammer	3	200g
25.	Pipe bender 20mm	3	¼ to 7/8 inc
26.	Rubber mallet	3	900g
27.	Pipe bender 20mm	3	20mm
28.	Reamer	3	11.91 – 26.99mm

29.	Function generator/power supply	3	30 MHz
30.	Straight edge	5	1 meter
31.	Combination square	2	Any
32.	Bearing puller	2	Any
33.	Thread pitch	2	0.5mm to 6mm
34.	De-burring tool	2	Any
35.	250m earth leakage tester (three phase)	1	HT206A/HT206B/HT206D
36.	Oscilloscope	3	7 inch TFT LCD
37.	Meter insulation tester	3	Any
38.	Loop tester	1	Any
39.	3 phase voltage tester	3	Any
40.	Bearing induction heater	1	Any
41.	Pedestal drill	1	13mm
42.	Pipe vice	3	Any
43.	Relay panel (fault)	3	Any
44.	Fault finding on a three stage, F/R panel	2	Any
45.	DC panel (3 stage)	2	Any
46.	Cable test	2	CAB-T-MPCT+MM
47.	Combination sequence starting training panel – allows for starting of sequence 1-7. (7 variations)	2	Any
48.	Household training panel (standard version) allows for the wiring, testing and commissioning of a single phase domestic installation. Populated distribution board. Dissected fluorescent, 12v & 230v downlights, BC lamps-1 way & 2 way int switching. Day /night & motion sensing switches. Domestic plug top, geyser & geyser sim with isolator, geyser timer, element and thermostat, stove top & isolator. 3 heat, 5 heat and simmerstat switching.	2	Any
49.	Wago PLC programming software for use with I/O system 750	1	Any
50.	Altronix power supply/charger with 8 output access power controller (12/24VDC @6A)	3	Any
51.	AC drive	3	Any

52.	Basic electronic components box	15	Any
53.	20mm PVC adaptor male	3	20mm
54.	20mm PVC #0 compression gland	3	20mm
55.	20mm PVC "T" piece	3	20mm
56.	20mm PVC coupling	3	20mm
57.	20mm PVC bosal adaptor	3	20mm
58.	20mm steel lock nuts	3	20mm
59.	20mm brass bush	3	21mm
60.	20mm steel earth tag	3	20mm
61.	20mm bosal couplings	3	20mm
62.	10mm poly saddles	3	20mm
63.	4x2 switched socket outlet	3	4x2
64.	Lamp/baton holder (PVC/brass)	3	4x2
65.	Combination single phase FWD/REV training panel. Semi-Auto and Auto includes rotary cam switch.	2	
66.	Combination three phase FWD/REV for all starting techniques.	2	
67.	Three phase squirrel cage asynchronous pole changing/ two speed motor.	2	
68.	Fully-automatic auto transformer training panel.	2	
69.	Single phase energy / KWH meter training panel	2	
70.	Three phase energy/KWH meter training panel	2	
71.	Fully automatic star/delta training panel	2	
72.	Slip ring resistance starting training panel. 3 stage starting control circuit	2	
73.	Fully – automatic three phase FWD-REV oscillating training panel.	2	
74.	Manual single phase FWD-REV training panel. With cam rotary switch control	2	
75.	Direct online/dol panel – 230V & 400V control	2	
76.	Automatic pole changing / dual speed training panel – timer type control	2	

77.	Semi-automatic pole changing / dual speed training panel – push button control.	2	
78.	Current & potential / voltage transformer (CT/PT/CT/VT secondary voltage is 110V) training panel includes transformer calculation exercise.	2	
79.	Single phase squirrel cage asynchronous twin capacitor motor.	2	
80.	Three phase squirrel cage asynchronous 400/660V (star / delta) motor.	2	