

MODULE I**ELECTRICAL ENGINEERING LEVEL 5, 6****ENG/OS/EI/CR/01/3/MA****INSTALL PVC SHEATHED CABLE SYSTEM****May-July 2026**

**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

CUTTING LIST (PER CANDIDATE)

S/N	Item	Quantity	Provided By
1.	Cables samples of 1.0mm ² , 1.5 mm ² , 2.5 mm ² , 4.0 mm ² and 6.0 mm ² .	150mm each	Institution
2.	Cable samples of 2.5 mm ² (Red, Black, Yellow/Green) singles and TWE	150mm each	
3.	PVC insulated copper cable 4.0 mm ²	0.5 m (main) + 0.5 m (branch)	
4.	Soldering iron (60–100 W)	1 pc	
5.	Solder wire (resin core)	200mm	
6.	Flux (paste or liquid)	10grams	
7.	Heat-shrink sleeve (4.0mm, 6.0mm)	100mm	
8.	Side cutters	1 pc	
9.	Combination pliers	1 pc	
10.	Continuity tester / multimeter	1 pc	
11.	1.5 mm ² PVC sheathed twin with earth cable	2 m	

12.	2.5 mm ² PVC sheathed twin with earth cable	2.5 m	
13.	Socket outlets	3 pcs	
14.	Lamp holders	3 pcs	
15.	600mm fluorescent fitting	1pc	
16.	One gang two way switch	1 pc	
17.	Two gang two way switch	1 pc	
18.	Intermediate switch	1 pc	
19.	PVC conduit saddles / clips	¼ pkt	
20.	Deep patress	6 pcs	
21.	Joint boxes	2pcs	
22.	Twin patress	1pc	
23.	9mm cable clips	¼ pkt	
24.	12mm cable clips	¼ pkt	
25.	Consumer control switch	1pc	
26.	Circuit breaker (MCB, 6A, 20A, 32A)	1 pc each	
27.	Cutout 60/80A	1 pc	
28.	Cooker control unit	1pc	
29.	Cooker connector	1pc	
30.	Switch-fuse unit / Double pole	1 pc	
31.	Single phase energy meter	1 pc	
32.	Dry wall screws 1”	¼ pkt	
33.	Personal protective equipment	1 set	Candidate
34.	Electrician Tool box	1 set	