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072204T4SPV

SOLAR PHOTOVOLTAIC INSTALLATION LEVEL 4

ENG/OS/PVI/CR/03/4

Install DC Solar Photovoltaic System

July/August 2025

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

CUTTING LIST

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S/NO	ITEMS	QUANTITY (per candidate)	PROVIDED BY
1.	12V 50AH solar battery	1	Institution
2.	Consumer Control Unit	1	
3.	Charge controller	1	
4.	Masking tape	1	
5.	Installation board	1	
6.	19 x 25 mm screw	1 packet	
7.	1.5 mm^2 PVC single core cable (Red, Black) 4.0 mm^2 PVC single core cable (Red, Black, Yellow/Green	3m 2.5m	
8.	One gang two-way Switch	2	
9.		1	

	6/10A Single pole Circuit breaker		
10.	Shallow Pattress box	2	
11.	Straight lamp holder	2	
12.	Junction box	2	
13.	DC bulbs	2	
14.	Metal clips	Enough	
15.	Multimeter	1	
16.	Electrical tool kit	1	candidate
17.	Appropriate PPEs	1	

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