higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

Flavius Mareka
TVET
College
Embrace your Future

SPECIFICATION LIST: P05/242 ECDE

PROJECT: Supply and deliver electronic components

VENUE: Sasolburg campus

Service provider name and/or stamp
Vendor number

- ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED
- OFFER TO BE VALID FOR 120 DAYS FROM THE CLOSING DATE OF BID
- IN CASES WHERE DIFFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE SPECIFICATION LIST MUST BE SUBMITTED FOR EACH DELIVERY POINT
- If the offer does not comply with the specifications, clearly indicate deviations

	ITEM DESCRIPTION:	Qty	Brand / Model	Country of origin	Size	Material (wood, plastic, glass, aluminum, etc.)	Capacity	Guarantee (if any)	Colour	Price per item	TOTAL PRICE IN RSA CURRENCY *(all applicable taxes incl)
	Please give as much information as possible on the item - it assist in the comparison of the quotes as well as the evaluation										
1	2-pole, single throw miniature switch pp3 low voltage	1									
2	ARDUINO UNO R3	1									
3	BATTERIES 9V	1									
4	BATTERY HOLDER 9V	1									
5	Beep / Buzzer 9-12 volt	1									
6	BNC CONNECTORS	1									
7	BREADBOARD SD-12 840 HOLES	1									
8	Capacitor electrolyte 1uf - 1000uf, 16 - 25V conssting of:	1									
9	Capacitor (C1) 16 v Radial 0.1µf										

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10	Capacitor (C2) 16 v Radial 220µf										
11	Capacitor 100µF										
12	Capacitor C1,Electrolytic radial,470µF										
13	Capacitor C2, Non Electrolytic, 0,1µF 25V										
14	Capacitor C3, Electrolytic radial , 10mF 25V										
15	Capacitor Electrolytic 10nF, 25V										
16	Capacitor, Electrolytic 10µF 35V										
17	ELECTROLYCTIC CAPACITORS 500PCS	1									
18	CERAMIC CAPACITORS KIT, consisting of:	1									
19	Capacitor 47µF Ceramic										
20	DC MOTOR 3-9V	1									
21	DESOLDERING WICK,S15, 3.3 mm	1									
22	Diodes IN4007 1A	1									
23	DIP SWITCH SPST 4	1									

* "all applicable taxes" includes value-added tax, pay as you earn,
income tax, unemployment insurance fund contributions and
skill development levies

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24	DIP SWITCH SPST 8	1									
25	ELECTRET MIC 5mm	1									
26	ENAMEL COPPER WIRE 1mm ROLL 500g	1									
27	FLIP FLOP IC JK TYPE DUAL WITH CLEAR	1									
28	IC -555 Timer	1									
29	IC Regulator,Voltage Regulator TO 202, LM 7905	1									
30	IC Regulator,Voltage Regulator TO 2020,LM 7805	1									
31	IC socket holders 8-pin DIL	1									
32	JACK PLUG 3,5 mm	1									
33	JACK SOCKET 3,5mm PCB MOUNT	1									
34	JUMP WIRE KIT, SWS-02	1									
35	JUMPER WIRE SET 65 pc	1									
36	LED ASSORTED KIT 5mm consisting of:	1									
37	LED (D1) Low p(green)										

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38	LED (D2) Low p(green)										
39	LED 5mm colourless										
40	LED 5mm red										
41	LED Red ,5mm										
42	LED white 5mm										
43	LED DISPLAY 7SEG 1 DIGIT NUMERIC 14,22	1									
44	LED holders panel mount	1									
45	LSC 1602 SHEILD FOR ARDUINO	1									
46	MINI VERO BOARD 5X7cm	1									
47	NPN Transistor BC XXX	1									
48	OP AMP LM386N	1									
49	DC - DC , step down 12V AC - DC	1									
50	Relay ,Huigang,Plastic,HR52H-S-DC5V	1									
51	Resistor (R1) fixed carborn 470Ω	1									

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52	Resistor (R2) fixed carborn 33KΩ	1									
53	Resistor (R3) fixed carborn 100KΩ	1									
54	Resistor 1kΩ, fixed carbon	1									
55	Resistor 15kΩ, fixed carbon	1									
56	Resistor 33kΩ, fixed carbon	1									
57	Resistor 470kΩ, fixed carbon	1									
58	RESISTOR KIT ASSORTED, E12, consisting of:	1									
59	Resistor R1 , Fixed carbon, 10kΩ ½ Watt										
60	Resistor R1 , Fixed carbon, 2,2kΩ 0,5W										
61	Resistor R2 , Fixed carbon, 47kΩ ½ Watt										
62	Resistor R2 Fixed carbon 10kΩ 0,5W										
63	Resistor,Fixed carbon, 470kΩ 0,5W										
64	RG 58 COAX CABLE 50ohm	1									
65	RLC METER , UNIT-T, UT612	1									

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66	SHIFT REGISTERS 74LS194 OR SIMILAR	1									
67	SLIDE POTENTIOMETER 1KΩ	1									
68	SOLDERING WIRE 0.7mm 500g ROLL	1									
69	TERMINAL BLOCK CONNECTORS 2PCB TERMINALBLOCK 2 SCREWS 5mm	1									
70	TMM4 TEST LEADS SET BANANA PLUG TO TEST HOOK CLIP PROBE	1									
71	TRANSISTORS BC XXX PNP	1									
72	TRIM POTENTIOMETER 10MΩ	1									
73	Variable Capacitor 300nF	1									
74	VARIABLE INDUCTOR SET 1 - 100mH	1									
75	White breadboard (full size) 840 Tie points	1									
76	ZENER DIODE ASSORTED	1									
77	TRF 220 - / 12v	1									
78	SPDT 220V	1									

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79	Fuse 1A	1									
80	Delivery fee	1									
										GRAND TOTAL:	
										VAT:	
										AMOUNT:	

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