



higher education  
& training  
Department:  
Higher Education and Training  
REPUBLIC OF SOUTH AFRICA



**BUFFALO CITY**  
**TVET COLLEGE**

**REQUEST FOR QUOTATION: ELECTRONIC CONTROL AND DIGITAL**  
**ELECTRONICS LEVEL 2**

Kindly see the attached request for quote (RFQ). Quotations should be forwarded to [quotations@bccollege.co.za](mailto:quotations@bccollege.co.za).

**TENDERERS MUST NOTE THAT WHEREVER THIS DOCUMENT REFERS TO ANY PARTICULAR TRADE MARK, NAME, PATENT, DESIGN, TYPE, SPECIFIC ORIGIN OR PRODUCER, SUCH REFERENCE SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS 'OR EQUIVALENT.**

Kindly submit the following **REQUIRED** documents when responding to the RFQ

- Signed quotation (quotations not signed will be eliminated)
- Latest declaration forms (SBD 4, 8 and 9), see attached on college website
- Certified BBBEE certificate (0 points will be awarded for BBBEE certificates that are not certified)
- Valid Tax Clearance Certificate
- CSD report
- Company Registration
- Bank Confirmation Letter (not older than 3 months)
- Quotations must be detailed as per specification
- All quotations submitted via email addresses other than the one listed above will not be considered.

**Closing Date 25 April 2023 at 12:00 Pm. No late or hand delivered documents will be accepted. ONLY EMAILED DOCUMENTS WILL BE ACCEPTED**

Enquiries: Ms Thembakazi Mati

043 704 9280 / 043 704 9241

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**BUFFALO CITY**  
**TVET COLLEGE**

Date: 11 April 2023

To whom it may concern

**Please provide a quotation for the listed workshop items specified below:** Facilitator: M. Mvovo

**ELECTRONIC CONTROL AND DIGITAL ELECTRONICS LEVEL 2**

Item No.	Item	Description	Quantity
<b>Consumables for Mvovo</b>			
1	Resistor (R1) Variable	470 $\Omega$ 5 W	100
2	Resistor (R2) Fixed	22k $\Omega$ 5 W	100
3	Resistor (R3) Fixed	100k	100
4	1M preset, horizontal		100
5	Capacitor	0.1 $\mu$ F, 16V radial	100
6	Capacitor	1 $\mu$ F 16V radial	100
7	Capacitor	10 $\mu$ F 16V radial	100
8	LED	Red	100
9	LED	Amber	100
10	LED	Green	100
11	LED	Blue	100
12	LED	Transparent	100
13	Holder LED		100
14	Switch (S1) Mini Toggle SPST		100
15	555 timer IC, NE555		100
16	4017 counter IC		100

17	Enclosure No. ABS10BLACK	113 mm X 62 mm x 26 mm	100
18	Perforated Board	100mm x 50mm	100
19	LM 7805	5V	100
20	741 IC	8-pin/9V	100
21	741 IC	14-pin/9V	100
22	Diode	1N4148	400
23	DIL socket for IC: 8-pin		100
24	DIL socket for IC 16-pin		100
25	Battery clip for 9V PP3		100
26	Battery 9V PP3		50
	<b>Consumables for Mhlophe</b>		
27	12V SPDT relay carrier		45
28	LED 5mm white w-clear 2000 mcd		200
29	Toggle switch 3A 250v Contact Configuration SPDT Switch Operation On-Off-On Contact Current Rating 15 A @ 250 V ac Mounting Type Panel Mount Terminal Type Tab Actuator Length 17.5mm Contact Resistance 10m $\Omega$ Operating Temperature Range - 20+55°C		135
30	Through-Hole Resistors - 470 $\Omega$ 5% 1/4W		200
31	Junction box with plain screwed LID 105 mm x 105 x 55mm PVC box		50
	<b>Consumables for Dyantyi</b>		
32	1mm <sup>2</sup> transformer wire – 100kms		1
33	20 mm round Neodymium magnets		100
34	9V batteries PP3		100
35	Battery clips PP3 (Positive & Negative)		150
36	Variable resistor (10 kilo ohms)		60
37	Fixed resistor (3,3 kilo ohms)		60
38	Fixed resistor (1,8 kilo ohms)		60
39	Fixed resistor (1 kilo ohm)		60

W. Nombembe

  
Procurement

Date:

11/04/2023

S. Xokwe

  
Head of Admin

Date:

11/04/2023

S. Jane

  
Campus Manager

Date:

11.04.2023

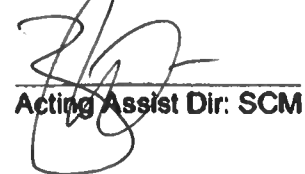
P. Mawila

  
DP: Academic

Date:

14/04/2023

Z. Jikwana

  
Acting Assist Dir: SCM

Date:

17/04/2023