



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



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

## **REQUEST FOR QUOTATION: SERVER ROOM BACKUP POWER SYSTEM**

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)
- Declaration forms (SBD 4, 8 and 9)
- 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.
- Compulsory briefing session will be held on 04 April 2023 at ICT department,  
@ 11 am

**Closing Date 18 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**

To: Whom It May Concern  
Date: 23.03.2023

**Request for Server room backup power system**

Buffalo City Campus invites all suitable and qualified service providers to submit their quotes for the following Buffalo City TVET College to supply, deliver and install server room backup power system. All service providers must quote according to the specification. All service providers must provide CoC certificate. Briefing session is compulsory.

**ADMIN CENTRE**

Corner Lukin & King Streets  
Private Bag 9016  
East London, 5200  
Tel: (043) 722 5453  
Fax: (043) 704 9274  
Email: ceo@bccollege.co.za

**COLLEGE CAMPUSES**

**EAST LONDON**

Lukin Road, East London  
Private Bag 9016  
East London, 5200  
Tel: (043) 722 5453  
Fax: (043) 743 0116  
Email: elcadmin@bccollege.co.za

**JOHN KNOX BOKWE**

Mfaza Street, Nu1, Mdantsane  
Private Bag X24  
Mdantsane, 5219  
Tel: (043) 761 1792  
Fax: (043) 761 4803  
Email: jkbadmin@bccollege.co.za

**ST MARKS**

St Marks Road, East London  
Private Bag 9016  
East London, 5200  
Tel: (043) 743 6554  
Fax: (043) 743 9650  
Email: stmadmin@bccollege.co.za

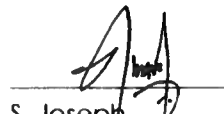
**BUSINESS SKILLS CENTRE**

Lukin Road, East London, 5200  
Tel: (043) 743 2910  
Fax: (043) 743 6772  
Email: bskills@bccollege.co.za

Description	Qty
<b>Model</b> Rated – 5kw hybrid inverter with 5-year warranty.	2
<b>Battery</b> System Capacity (kWh) – 5.3. Single Module Nominal Voltage (V) – 51.2 Application - Dual Voltage LV/HV. Expandability - LV Mode: Max 15 Modules in Parallel without LVHub = One LV cluster. Cluster Net Capacity - Max 100 Modules per LV System. BMS Voltage Range (V) - 45,5 – 58,4. Usable Capacity (Ah) - 100 Charge / Discharge Current (A)- 100. Communication Port - RS485, CAN, 232, Wi-Fi Cycle Life - Up to 7000 / 25°C. Features - Pre-Charge+Fuse LV+ Fuse HV+ Auto Contactor + Dual BMS+ Multi BMS FW management. Design life-10 Years (25°C)	2
<b>AC output Data</b> Rated AC Output and UPS power (W) – 5000w Max AC output power (w) – 5500w AC output rated Current (A) – 21.7A Max AC current (A) – 25A Max continuous AC pass through (A) – 35A Power factor – 0.8 leading to 0.8 lagging Grid Type – Single phase	
<b>Protection</b> Residual current monitoring unit – integrated Anti-islanding protection – integrated. Insulation resistor detection – integrated. Output over current protection -integrated. Output over voltage protection – integrated. Output short protection – integrated.	
<b>Battery input data</b> Max charge current – 120A Max Discharge current – 120A Charging strategy for lithium battery – Self-adaption to BMS Include one double dedicated plug in King street that will power reception printer.	

Please submit the signed quotation  
Together with the signed SBD forms,  
Certified BBBEE Certificate/Sworn Affidavit,  
Tax clearance  
Latest Bank Confirmation Letter (Not older than 3 months),  
CSD Document Number.

  
M. Davani  
Chief Network Controller

  
S. Joseph  
Assistant Director ICT

  
Z. Jikwaha  
Acting SCM Assistant director