



higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

Ingwe TVET College



Enquiries: S. Ngodwana

Tel: 039 940 2142

Ext 181

ADVERT

| BID DESCRIPTION | BID NO | CLOSING DATE | ENQUIRIES |
|---|----------------|------------------|--|
| SUPPLY AND DELIVERY OF ELECTRONIC TOOLS FOR NGQUNGQUSHE CAMPUS. | INGWE/061/2023 | DATE: 02/06/2023 | TECHNICAL: MR. S. JOZANA TEL: 039 940 2142 SCM: MR. S. NGODWANA TEL: 039 940 2142 |

Kindly furnish me with a written quotation for the provision of services as detailed in the enclosed specification. The quotation must be submitted on the letterhead of your business or have your business stamp. Quotation may be hand delivered before 12H00pm at Ingwe TVET College, Mount Frere Administration Offices at the reception area or email to squotations@ingwecollege.edu.za

THE FOLLOWING MANDATORY DOCUMENTS MUST BE SUBMITTED WITH THE QUOTATION AND FAILURE TO SUBMIT WILL LEAD TO THE BIDS BEING DECLARED NON-RESPONSIVE:

- Price(s) quoted must be valid for at least thirty (30) days from date of your offer.
- Price(s) quoted must be firm and must be inclusive of VAT.
- Firm Delivery Period must be indicated.
- A valid SARS TAX Compliance status with PIN.
- Updated CSD (Central Supplier Database) report.
- Company municipal statement of account not older than three (3) months or company lease agreement if renting premises or affidavit from SAPS stating that the company is not obliged to pay municipal rates or ward council letter confirming the proof of address for the company for non – rates paying areas or rural areas.
- Join Ventures to attach: JV Agreement and letter of signatory
- **Completed SBD 4 – as per PFMA SCM Instruction No. 03 of 2021/22 effective from 1 April 2022, the revised SBD 4 must be fully completed and signed. SBD 8&9 are repealed (no longer required). Failure to submit as instructed will lead to the bids being declared non – responsive. Bidders must download the revised SBD 4 from the College website or National Treasury website.**

BIDDERS SHOULD TAKE NOTE OF THE FOLLOWING BID CONDITIONS:

- Ingwe TVET College Supply Chain Management Policy will apply;
- 80/20 preferential procurement point system will be applied.
- Ingwe TVET College does not bind itself to accept the lowest bid or any other bid and reserves the right to accept the whole or part of the bid;
- Bids which are late, incomplete and unsigned will not be accepted.
- No quotations will be considered from persons in the service of the state.
- Failure to comply with these conditions may invalidate your offer.
- **Only quotations sent to the above mentioned e-mail address will be accepted.**

Central Office
Badibanise Village
Mount Frere
Tel: 039 940 2142

Mount Frere Campus
Cancele Road
Mount Frere
Tel: 039 940 2142 ext.200

Ngqungqushe Campus
Magwa Road
Lusikisiki
Tel: 039 940 2142 ext.300

Siteto Campus
Mhlanga Village
Bizana
Tel: 039 940 2142 ext.400

Maluti Campus
Mli Road
Maluti
Tel: 039 940 2142 ext.500

Mt Fletcher Campus
Hospital Area
Mount Fletcher
Tel: 039 940 2142 ext.600

www.ingwecollege.edu.za

NB: SPECIFICATION ATTACHED

EVALUATION CRITERIA

The 80/20 preferential procurement point system will be applied as the project is estimated to be more than **R30 000.00**.

Price - **80 point**
Specific goals - **20 points**

“On the 04 November, the minister of Finance gazetted new Preferential Procurement Regulations (2022 Regulations) under the Preferential Procurement Policy Framework act, 2000 (PPPFA), this was aimed at aligning the regulations to the February 2022 Constitutional Court judgement. That judgement ruled that the Minister exceeded his powers in prescribing the 2017 Regulations. The Public Procurement Bill is being finalized, which will empower the Minister of Finance to set preferential procurement, the 2022 Regulations repeal the 2017 Regulations and take effect on the 16 January 2023”

SPECIFIC GOAL POINTS BREAKDOWN

| SPECIFIC GOALS | PREFERENCE POINTS ALLOCATED OUT OF 20 | DOCUMENTATION TO BE SUBMITTED BY BIDDERS TO VALIDATE THEIR CLAIM FOR POINTS |
|---|---------------------------------------|--|
| Black ownership: An EME or QSE which is at least 51% owned by black people | 8 | <ul style="list-style-type: none"> ID Copy CIPC (Company registration) CSD report (the ownership status of the 2 documents must correspond in order to be awarded points) |
| Women ownership: An EME or QSE which is at least 51% owned by women | 4 | <ul style="list-style-type: none"> ID Copy CIPC (Company registration) CSD report (the ownership status of the 2 documents must correspond in order to be awarded points) |
| Youth ownership: An EME or QSE which is at least 51% owned by youth (up to 35 years of age) | 4 | <ul style="list-style-type: none"> ID Copy CIPC (Company registration) CSD report (the ownership status of the 2 documents must correspond in order to be awarded points) |
| Disability: An EME or QSE which is at least 51% owned by people with disability | 2 | <ul style="list-style-type: none"> ID Copy CIPC (Company registration) CSD report (the ownership status of the 2 documents must correspond in order to be awarded points) Medical certificate SASSA registration or confirmation of disability from a relevant authority. |
| Locality: Located in the OR Tambo District municipality , Alfred Ndzo District Municipality and the Joe Qabi District Municipality | 2 | <ul style="list-style-type: none"> Municipal rates account OR Letter from councilor confirming residence or Lease Agreement |
| Non – submissions | 0 | <ul style="list-style-type: none"> No points will be claimed if the bidders failed to submit the required documents |

SIGNATURE

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REQUISITION FOR ELECTRONIC EQUIPMENT


| ITEM REQUISITIONED | SPECIFICATION | QUANTITY |
|---|--|----------|
| Solder Iron | 35 Watt with 1.5 mm tip | 15 |
| Adjustable soldering station | teller, WECP-20 | 10 |
| Analogue oscilloscope | 0-20 Mhz | 5 |
| Function generator | PHY 111 | 5 |
| Power supply | Adjustable 0-30V regulated | 10 |
| Programmable Logic Controller | Siemens (logo) 4 digital inputs and 2 analogue output 12V or 24 V | 2 |
| PLC power supply | 24 V/ 2 amps | 10 |
| Electronics trainer | Analogue | 10 |
| Electronics trainer | Digital | 10 |
| Electronics trainer | Transducers | 10 |
| FESTO PLC Handling station Training kits | The Handling station, electrical, utilizes Industrial handling components. Controlled by Festo PLC to intermediate positions. A fiat linear cylinder with endposition detection sexes as the lifting cylinder for the Z axis. A modern pneumatic lines gripped is mounted on the lifting cylinder. The optical sensor integrated into the jaw of the tripper recognizes the workpieces | 2 |
| FESTO PLC Training kit PLC Applications — LabVolt Series | PLCs and of the studied applications. —Traffic Lights —Electro-Pneumatics —Electro-Mechanical- | 2 |


| | | |
|--|---|---|
| | DC or stepped motor —Wind Turbine —Level Process Control —Bottling Process | |
| The Dual-Trace Digital Storage Oscilloscope | Color, 17.8 cm (7 in) liquid crystal display Multi-language, on-display menu, 50 MHz bandwidth | 5 |
| Digital Logic Fundamentals Training kit | The circuit board contains the following. Clock Input Signals Open Collector Tri-State Output AND/NAND Set/Reset Flip-Flop TTL/CMOS Comparison OR/NOR D-type Flip-Flop Data Bus Control JK Flip-Flop and XOR/XNOR | 5 |
| Digital Circuit Fundamentals 1 module | I must have the following: Clock Pulse Generator Input Signals 4-bit Shift Register Asynchronous Ripple Counter 4-bit Adder Synchronous Counter 4-Bit Comparator | 5 |
| Thyristors and Power Control Circuits module | The system contains the following circuit blocks: Driver Silicon Controlled Rectifier (SCR) Triac AC Power Control SCR DC Gate Half-wave and Full-wave SCR AC Gate and UJT Half-wave and Full-wave/Motor | 5 |
| DC Fundamentals course | circuits found on this board | 5 |


| | | |
|-------------------------------------|---|-----|
| | <p>include:</p> <p>Batteries</p> <p>Switches</p> <p>Ohm's Law</p> <p>Series Circuit</p> <p>Parallel Circuit</p> <p>Series-Parallel Circuit</p> <p>Power</p> <p>Linear/Non-Linear Variable Resistor</p> <p>Voltage Divider</p> <p>Voltmeter/Ammeter/Ohmmeter</p> | |
| Festo wind turbine Demonstrator kit | small-scale wind turbine modified to display the main internal components. The wind turbine has a fixed-pitch, three blade rotor that is directly coupled to the generator. | |
| Roof Hook Uni 24 | SD 0034 | 50 |
| Roof Hook Schneifer O | SD 0037 | 50 |
| Double Flange M8 | SK 0115 | 50 |
| Double flange top | SK 0019 | 50 |
| Counter Clamp Kit | includes Inter Clamp, Tilt-in Module & Socket Head Screw. 40 mm | 100 |
| Rail 50mm x 30mm | 6000 mm | 10 |
| Rail Splice Kit | includes 200mm rail splice & socket head screw M8x25. Clean anodized aluminium. | 5 |
| Ciren | Motorised school bell 230 V AC | 2 |
| Solar off grid inverter | SMA SOOOLT sunnyboy | 2 |
| Roof hook bolt aluminium | M8 x200 mm long | 50 |

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|--|--|-----|
| Passive infrared | Outdoor sensor | 2 |
| Passive infrared | indoor sensor | |
| Reed switch | Magnetic 500mA reed switch | 20 |
| Keypad encoder switches | 4x8 keypad encoder | 8 |
| Wheatstone bridge | | 5 |
| Load cell strain gauge | 0-2 bars 24v dc | 5 |
| Linear variable differential transformer | ELECTRICAL Linearity:0.3% FS Excitation: 10 to 24 Vdc regulated Energizing Current at 10 Vdc: LD400-1 (10mA); LD400-2.5 (10mA); LD400-5 (13mA) Response Time: 100Hz for -3db | 5 |
| Infrared transmitter | Any suitable 12V or 24 V | 5 |
| Infrared receiver | | 5 |
| Inductive sensor | <u>Magnetic Position Sensors</u> | 8 |
| Capacitive sensor | drive frequency of 1 MHz, the minimum thickness of some commonly used target materials as follows: Iron—0.6 mm Stainless Steel—0.4 mm Copper—0.2 mm Aluminum—0.25 mm Brass—1.6 mm | 8 |
| PVC pipe | 22mm pvc pipe up to 100mm long | 20 |
| Magnet wire | 0.2mm diameter 120mm long | 20 |
| Magnet | Round neodymium-iron permanets with diameter 10-25mm and thickness of between 2.5-4mm | 50 |
| Square dowels | 22m x 22mm | 25 |
| Round dowels | 6mm dowel | 25 |
| Washers | 12mm diameter | 50 |
| PVC pipe | 100mm in diameter 2000mm length | 10 |
| Dc motor kits | 12 V | 100 |
| Dc motor kits | 24 V | 100 |
| Copper transformer | 0.5 mm laminated wire | 100 |

| | | |
|-------------|---|-----|
| Magnets | U shape, bar | 100 |
| Thermistor | Ptc | 100 |
| Thermistor | Ntc | 100 |
| Push button | 1 pole on-off switch momentary miniature push button, panel mount | 100 |

Signed by lecturer:  Name: Y. BUKISHA Date: 18/02/2021

Signed by HOD:  Name: M. BAISHANE Date: 18/02/2021

Signed by: Campus Manager  Name: M. GUSHILO P.S. Date: 18/02/2021