

# SEKHUKHUNE TVET COLLEGE

FOR TECHNICAL & VOCATIONAL EDUCATION AND TRAINING COLLEGE



REACHING GOALS TOGETHER

ADVERTISEMENT

The Sekhukhune TVET College hereby invites service providers to quote for the following item/s.

**SPECIFICATION: SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF FITTING AND TURNING TRAINING SYSTEMS AT CN PHATUDI CAMPUS.**

ITEM NO.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY
1	<p><b>Hydraulic training system:</b></p> <ul style="list-style-type: none"><li>- Single Format</li><li>- Working surface dimension 950 x 1050mm complete with quick mount connections for components</li><li>- Fixed drip tray with grid to collect any oil spillage and return to the power pack</li><li>- Table top pressurized output quick coupling</li><li>- Table top return quick coupling</li><li>- Emergency cut out switch</li><li>- Under table mount for silent air compressor (silent compressor included)</li><li>- Lockable drawer system for component storage</li><li>- Mobile workstation with lockable castor wheels</li><li>- Powder coated finish</li></ul> <p><b>Component specification</b></p> <ul style="list-style-type: none"><li>- 1x Single acting cylinder c/w weight</li><li>- 2x Double acting cylinder</li><li>- 1x Pressure remover</li><li>- 1x Flow meter</li><li>- 2x 3/2 way valve – hand lever type valve</li><li>- 1x 4/3 way valve – hand level type valve (PT Biased)</li><li>- 1x 4/3 way hand lever type valve type (PABT Blocked)</li><li>- Directly operated pressure relief valve</li></ul>	Each	01

	<ul style="list-style-type: none"> <li>- Pilot actuated pressure relief valve</li> <li>- Counter balance type valve</li> <li>- Check valve pilot type</li> <li>- Check valve pilot type</li> <li>- Check valve 1bar</li> <li>- Check valve 5bar</li> <li>- Assorted hose connection set</li> <li>- Hydraulic motor</li> <li>- Connector set</li> </ul>		
2	<p><b>Pneumatic training system:</b></p> <ul style="list-style-type: none"> <li>- Single Format</li> <li>- Working surface dimension 950 x 1050mm complete with quick mount connections for components</li> <li>- Fixed drip tray with grid to collect any oil spillage and return to the power pack</li> <li>- Table top pressurised output quick coupling</li> <li>- Emergency cut out switch</li> <li>- Under table mount for silent air compressor (silent compressor included)</li> <li>- Lockable drawer system for component storage</li> <li>- Mobile workstation with lockable castor wheels</li> <li>- Powder coated finish</li> </ul> <p><b>Component specification</b></p> <ul style="list-style-type: none"> <li>- 2x Double acting cylinder</li> <li>- 1x Pressure sequence valve</li> <li>- 1x Flow control valve – one way</li> <li>- 1x Pressure gauge</li> <li>- 2x 3/2 way valve – Normally closed PB type</li> <li>- 2x 3/2 way valve – Normally closed selector switch type</li> <li>- 1x 3/2 way actuator – Normally closed spring return type</li> <li>- 2x 5/2 way actuator – Air return type</li> <li>- 4x 3/2 way limit switch</li> <li>- 1x AND valve</li> <li>- 1x OR valve</li> <li>- 1x Distribution gauge – Air</li> <li>- 1x Hose cutter</li> <li>- 1x Reservoir tank</li> </ul>	Each	01
3	Pump system operational with 500L tank- and single stage centrifugal pump training unit	Each	01
4	Single stage centrifugal Pump to be stripped and assembled with stand	Each	01
5	<p><b>Electro-hydraulic thrust brake training unit:</b></p> <ul style="list-style-type: none"> <li>- Complete flexible tyre</li> <li>- Pillow block to align &amp; accommodate polished 50mm shafts</li> <li>- Polished 50mm shalf.</li> <li>- Knurled adjusters handle for adjustment</li> <li>- Supplied with shim plate</li> <li>- Powder coated workbench c/w tool shelf &amp; 8mm plate table top for rigidity.</li> </ul>	Each	01
6	<b>Spherical bearing with puller training unit:</b>	Each	01

	<ul style="list-style-type: none"> <li>- Bearing handling</li> <li>Bearing fitment &amp; removal</li> <li>- Bearing lubrication</li> <li>- Bearing heater</li> </ul>		
7	<b>Workbench with key fitting apparatus taper &amp; rectangular:</b> <ul style="list-style-type: none"> <li>- supply with two sample keys</li> </ul>	Each	01
8	<b>Marking off template:</b> <ul style="list-style-type: none"> <li>- Clear acrylic to allow a complete visual inspection of the job being tested.</li> </ul>	Each	01
9	Flexible Tyre coupling alignment training unit excluding motor driven version	Each	01
10	<b>Aligning apparatus with couplings training unit spider:</b> <ul style="list-style-type: none"> <li>- Complete spider coupling</li> <li>- Pillow block to align &amp; accommodate polished 50mm shafts</li> <li>- Polished 50mm shaft.</li> <li>- Knurled adjusters handle for adjustment</li> <li>- Supplied with shim plate set</li> <li>- Powder coated workbench c/w tool shelf &amp; 8mm plate table top for rigidity.</li> </ul>	Each	01
11	<b>V-belt alignment training unit:</b> <ul style="list-style-type: none"> <li>- Single V-Belt</li> <li>- Offset Pulley sizes</li> <li>- Pillow block to align &amp; accommodate polished 50mm shafts</li> <li>- Polished 50mm shaft.</li> <li>- Knurled adjusters handle for adjustment</li> <li>- Supplied with shim plate set</li> <li>- Powder coated workbench c/w tool shelf &amp; 8mm plate table top for rigidity.</li> </ul>	Each	01
12	<b>Chain alignment Training unit single strength chain:</b> <ul style="list-style-type: none"> <li>- Offset sprocket sizes.</li> <li>- Pillow block to align &amp; accommodate polished 50mm shafts</li> <li>- Polished 50mm shaft.</li> <li>- Knurled adjusters handle for adjustment</li> <li>- Chain tensioner device</li> <li>- Supplied with shim plate set</li> <li>- Powder coated workbench c/w tool shelf &amp; 8mm plate table top for rigidity.</li> </ul>	Each	01
13	<b>Reduction gearbox training unit:</b> <ul style="list-style-type: none"> <li>- Dismantling &amp; Reassembly</li> <li>- Supplied complete with shim set</li> <li>- User manual and shimming guide</li> <li>- Powder coated stand c/w tool shelf</li> <li>- Includes user guide</li> </ul>	Each	01
14	<b>Pedestal Grinder:</b> <ul style="list-style-type: none"> <li>- Power Consumption 1.5 KW</li> <li>- Model Name/Number RPG-01</li> <li>- No Load Speed 2800 RPM</li> <li>- Phase 3</li> <li>- Disc Diameter 12 inch</li> <li>- Power Consumption (Watt) 1.50 kw</li> <li>- No Load Speed (rpm) 2800 rpm</li> </ul>	Each	01

The following conditions shall apply:

**SUBMISSION OF DOCUMENTS:**

- Sealed envelope written the notice number must be submitted at reception at the central office, **Sekhukhune TVET College, CS Barlow campus, stand no. 676, Motetema, Limpopo Province** between 07h30-16h30 (Monday to Thursday) and 07h30-11h00 on Fridays.
- Closing date for submissions will be **07 December 2021 Time 11:00am**

**COMPULSORY MANDATORY DOCUMENTS:**

- CIPC of Company registration certificate (CK) issued within 1 year of closing date
- CSD report (summary)
- Confirmation of physical address of the bidder or municipal bill/ Lease agreement.
- SBD 4 and SBD 8 forms obtainable on the College website.
- Company profile
- **(NB: Non Compliance with the above will result in automatic disqualification).**

**REQUIRED EVALUATION DOCUMENTS FOR FUNCTIONALITY AND PRICE:**

- B-BBEE status level confirmation from an accredited agency, auditors or accountants

**GENERAL CONDITIONS:**

- This request for proposal does not serve as a quotation template, therefore an official quotation must be in company letterhead.
- Quoted prices must be valid for at least a period of thirty (30) days.
- Suppliers must be in a position to deliver within fifteen (15) days upon receipt of an official purchase order as failure to do so will result to cancellation of the order with immediate effect.
- There will be no public opening of quotations.
- Quotations will be evaluated on 80/20 point system. 80 points for price and 20 points for BBEE rating as per relevant Public Preferential Procurement Framework and Broad Based Black Economic Empowerment legislations.

**(NB: More information about application and requirements, please refer to SBD 6.1 for compliance and guidance on how to be accredited or to be verified)**

For further enquiries, please use the following contact details:

- |                |                                      |                |                        |
|----------------|--------------------------------------|----------------|------------------------|
| • Maluleke MKM | Assistant Director : SCM             | (013) 269 0278 | Administrative Queries |
| • Sibande TD   | Procurement Office                   | (013) 269 0020 | Administrative Queries |
| • Mabooa P     | Curriculum Coordinator : Engineering | (013) 269 0278 | Technical Queries      |

**PRINCIPAL  
TJ KEKANA**

