



REQUEST FOR QUOTATION FOR SUPPLY OF TANGIBLE GOODS

Reference No.	DUT-59/26
Item Description	3D FOOT SCANNER
Closing Date & Time No Late, Hand Delivered submissions will be accepted	08 September 2026 at 11:00 NB: Bids should be emailed no later than 10 minutes prior to the closing date and time. Any bids received after 11 h 00 am will NOT be considered.
Bid submission email	ROQPG7@dut.ac.za
Procurement & General Enquiries	Gelim@dut.ac.za
Technical Enquiries (to be completed by end user)	LitakaziT@dut.ac.za
Compulsory site visit / briefing session (if applicable)	N/A

I. INTRODUCTION

Durban University of Technology invites suitably qualified and compliant service providers to submit quotations for the supply / delivery (Installation if applicable) of **3D ORTHOTIC FOOT SCANNER**. This procurement is undertaken in accordance with the approved DUT Procurement Policy.

2 SCOPE OF WORK

2.1 Purpose of the Scope

The system is required to support clinical training, teaching, and research in the Department of Medical Orthotics and Prosthetics at DUT. It must enable:

- 3D foot scanning
- Digital rectification and orthotic design
- Additive manufacturing of foot orthoses using flexible materials

System Components

The solution must include:

1. 3D Foot Scanning System (Compatible with CAD software)
2. Orthotic Design Software (e.g., EasyCAD Pro / Lite)
3. 3D Printer (FDM or equivalent technology)
4. Consumables (TPU filament)
5. Installation, Training, and Technical Support

3D Foot Scanner Specifications

Functional Requirements

- Capable of non-contact 3D scanning of feet
- Suitable for:
 - o Weight-bearing and semi-weight-bearing scans
- Capture anatomical landmarks:
 - o Arch height
 - o Heel alignment
 - o Forefoot geometry

2.3 Scope Description

The appointed service provider/supplier shall be responsible for the full provision of the following:
The service provider shall:

1. Supply brand-new, unused goods that comply fully with the technical specifications detailed in Section 3.
2. Ensure that all goods meet applicable safety, regulatory, and compliance standards (SANS/ISO/OEM/SABS where applicable) with proof of certification.
3. Include all necessary components, accessories, and fittings required for full functionality.
4. Provide manufacturer warranties and product documentation.
5. Ensure safe packaging and transportation to prevent damage.
6. The scope includes, but is not limited to:
 - Site inspection (if required);
 - Delivery and installation;
 - Testing and commissioning (where applicable);
 - Training of DUT personnel (if required);
 - Removal of waste materials;
7. Where installation is required, the service provider must ensure:
 - Compliance with all statutory and safety regulations including competent personnel.
 - No disruption to academic or operational activities;
 - Proper reinstatement of work areas after completion.
8. The successful bidder shall provide the following deliverables:
 - Goods delivered in full and in working condition.
 - Installation and commissioning certificate (if applicable).
 - Warranty documentation.
 - Compliance certificates (where required).
 - Training manuals or user guides (if applicable).
 - Signed delivery note and handover documentation.

NB: Failure to meet deliverables may result in non-payment or remedial action.

2.4 Timeframes

The service provider shall:

- Deliver said goods within the stipulated timeframes as indicated in their documentation.
- Notify DUT immediately of any delays.

Time shall be considered of the essence unless otherwise agreed in writing.

2.5 Location

Delivery / installation of goods shall take place at:

Region	Durban
Campus name	Wentworth Hospital-DUT MOP department
Building/Department/floor/room number	
Physical address	I Boston Road. Wentworth Hospital. Jacobs. Durban.
Access arrangements must be coordinated with the designated DUT representative	Mr/Ms:Ms Litakazi Tekula Contact No: 031 373 3059 E-mail Address: LitakaziT@dut.ac.za

2.6 Variations

No variation to this Scope of Work shall be permitted without:

- Written approval by the relevant delegated authority;

2.7 Non-Splitting Clause

The requirement described herein constitutes a single consolidated procurement requirement. Any attempt to split the scope to avoid procurement of thresholds is prohibited and constitutes non-compliance.

3. TECHNICAL SPECIFICATIONS

N o.	Item Description	Specification Requirement
I.	System Components The solution must include: 1. 3D Foot Scanning System (Compatible with CAD software) 2. Orthotic Design Software (e.g., EasyCAD Pro / Lite) 3. 3D Printer (FDM or equivalent technology) 4. Consumables (TPU filament)	Technical Requirements • Scan resolution: ≤ 1 mm accuracy • Scan time: ≤ 10 seconds per foot • Output format: ○ STL / OBJ (compatible with CAD software) • Real-time visualization of scan • Ability to export directly to orthotic CAD system (EasyCAD or equivalent) Software Integration • Must integrate with:

N o.	Item Description	Specification Requirement
	5. Installation, Training, and Technical Support	○ EasyCAD Pro 2.0 ○ EasyCAD Lite 2.0 Orthotic Design Software Specifications Core Features • Digital modelling of: ○ Insoles ○ Foot orthoses • Adjustment tools: ○ Arch fill ○ Heel posting ○ Forefoot corrections • Library of orthotic templates • Ability to simulate pressure and fit Licensing • Minimum: ○ 1 x Professional license (Lifetime) ○ 5 x student/teaching licenses (Student and Teacher versions). Output • Export formats: ○ STL for 3D printing • Compatible with TPU material printing 3D Printer Specifications General Requirements • Technology: FDM / FFF or equivalent • Suitable for flexible orthotic materials (TPU) Build Volume • Minimum: ○ 300 x 300 x 300 mm (Standard/Demo Printer) • Preferred: ○ XL format ≥ 500 mm build area for batch production 5.3 Material Compatibility • Must support:

N o.	Item Description	Specification Requirement
		○ TPU (Thermoplastic Polyurethane) ○ PLA (for teaching demonstrations) • Direct drive extruder recommended for flexible filament Print Performance • Layer resolution: 0.1 – 0.3 mm • Nozzle diameter: 0.4 mm (standard) • Bed: ○ Heated bed required ($\geq 60^{\circ}\text{C}$) • Bed adhesion system: ○ PEI / glass / flexible build plate Precision & Reliability • Dimensional accuracy: ± 0.2 mm • Print repeatability for orthotic symmetry • Continuous operation capability (6–12 hour prints) Connectivity & Control • USB / Wi-Fi / LAN connectivity • LCD touchscreen interface • Remote monitoring capability (preferred) Consumables TPU Filament • Diameter: 1.75 mm • Shore hardness: 85A – 95A • Quantity: Minimum 10 spools Training & Support Training Requirements • Included training for: ○ Academic staff ○ Students (clinical application) • Training scope: ○ Scanning techniques ○ CAD design workflow ○ 3D printing processes

N o.	Item Description	Specification Requirement
2.	Warranty period	• Minimum 24-month warranty
3.	Defects liability period (if applicable):	• Technical support and maintenance • Access to software update.

5. EVALUATION CRITERIA

5.1 COMPULSORY DOCUMENTS (Phase I)

Failure to submit compulsory documentation and compliance with specification will result in disqualification.

Suppliers **must** submit:

1. Valid Tax Compliance Status PIN (TCS PIN)
2. Signed Form of Offer (Section 6)
3. Signed Declaration of Interest (see Annexure A to D)
4. Proof of Authorised Reseller Agreement / Partnership Certificate
5. Minimum two customer references / Tax invoices and corresponding Purchase Orders were delivery and/or installation of similar goods have been concluded
6. Company Registration documents

7. The service provider must provide supporting documentation (e.g. datasheets or OEM certificates) confirming compliance with the specifications in Section 3, above.

NB: The University will only consider service providers with proven relevant experience, capacity, and technical expertise in the required goods/services; general dealers or intermediaries without demonstrable capability and direct knowledge of the transaction will not be considered.

5.2 PRICE / PREFERENCE - 80/20 System:

Bidders must submit a valid B-BBEE Certificate or Sworn Affidavit non-submission will result in 0 points being awarded for B-BBEE

Criteria	Points
Price	80
DUT Specific Goals / B-BBEE	20

DUT specific goals for B-BBEE points

Specific Goal		80/20	
		Sub-points	Total Points
	Exempted Micro Enterprise (EME) or Qualifying Small Enterprise (QSE)	3	3
Black-owned Enterprises	100% Black owned enterprise	3	3
	Minimum 51% black-owned enterprise	2	
	Minimum 25% black-owned enterprise	1	
Black Women owned Enterprise	100% Black Women owned enterprise	5	5
	Minimum 51% black women-owned enterprise	4	
	Minimum 25% black women-owned enterprise	3	
	Less than 25% of black women-owned enterprises but not less than 10%	2	
Enterprise owned by Youth	100% Black Youth owned enterprise	5	5
	Minimum 51% black Youth owned enterprise	4	
	Minimum 25% black Youth owned enterprise	3	
	Below 25% black youth owned enterprises but not less than 10%	2	
Enterprises owned by people with disabilities	Minimum of 51% owned by people with disabilities	2	2
	Minimum of 10% owned by people with disabilities	1	
Additional Specific goals	An entity which is at least 51% owned by black people living in rural or underdeveloped areas or townships	1	1
	A cooperative which is at least 51% owned by black people	1	1
			20

6. FORM OF OFFER AND ACCEPTANCE

PART A – OFFER

6.1. OFFER

The Bidder, identified in the signature block below, hereby offers to supply and deliver the goods and/or render the services described in section 2 and 3 above:

RFQ No: _____

Description: _____

to the **Durban University of Technology (DUT)** in accordance with:

- The RFQ document;
- The Scope of Work and Technical Specifications;
- The General Conditions of Contract (Annexures E)

6.2. OFFERED CONTRACT PRICE

PRICE SCHEDULE (to be completed in by the bidder)

No.	Item Description	Qty	Unit Price	Amount
Total Excl. VAT				
VAT (15%)				
Total Incl. VAT				

Total amount in words (Incl. VAT):

The offered price includes all supply and delivery, packaging, insurance, duties, installation, incidental costs and is fixed for the duration of the validity period. Remains valid for **60 days** from RFQ closing date.

6.3.1 COMPLIANCE DECLARATION

The Bidder certifies that:

- The information provided is true and correct.
- The Bidder is not listed on the National Treasury Restricted Supplier Database or has not previously been blacklisted or failed to supply DUT on a previous contract.
- The Bidder has not engaged in collusive practices.
- The Bidder accepts the General Conditions of Contract.
- No contract exists until an official DUT Purchase Order is issued.

The Bidder acknowledges that:

- This RFQ constitutes a single consolidated procurement requirement.
- Splitting of procurement to avoid threshold controls is prohibited.
- DUT reserves the right to cancel the RFQ if threshold irregularities are detected.

The Bidder confirms that DUT is authorised to verify:

- I. Supplier registration status prior to award and prior to payment.
 - II. Banking details
 - III. Tax compliance status
 - IV. Restriction status
- The Bidder acknowledges that an inactive or non-compliant status may result in disqualification.

In accordance with the Protection of Personal Information Act (POPIA) the Bidder confirms that:

- All personal information submitted is lawfully obtained.
- Appropriate consent has been secured.
- The Bidder shall:
 - I. Safeguard personal data received from DUT;
 - II. Implement reasonable technical and organisational measures;
 - III. Notify DUT of any data breach.

The Bidder indemnifies DUT against loss arising from unlawful data processing attributable to the Bidder.

6.3.2 SIGNATURE OF BIDDER FOR COMPLIANCE TO SPECIFICATION, DECLARATIONS AND OFFER

Name of Bidder	
Email address	
Contact numbers:	
Company Registration Number	
VAT Number (If applicable)	
Authorised Representative Name	
Capacity	
Central Supplier Database Reg No (If Applicable)	MAAA..... CSD UNIQUE NUMBER (36 digits)
Authorised signatory	
Date	

6.4 PART B – ACCEPTANCE (To be completed by DUT only if form of offer and bid is accepted)

By signing this Form of Acceptance, DUT accepts the Bidder's Offer subject to:

- Budget confirmation;
- Verification of compliance documents;
- Issuance of an official Purchase Order.

Acceptance is conditional upon:

- No material deviation;
- Confirmation of tax compliance;
- Compliance with DUT governance frameworks.

Accepted on behalf of:

Durban University of Technology

Name: _____

Designation: _____

Signature: _____

Date: _____

RFQ No: _____

Purchase Order No (to be issued): _____

ANNEXURES- DURBAN UNIVERSITY OF TECHNOLOGY

PURPOSE OF THIS ANNEXURE PACK

This Governance Annexure forms an integral part of all DUT RFQs issued.

The purpose is to:

- Strengthen procurement integrity
- Ensure compliance with DUT policy and DHET governance framework
- Protect the institution from unauthorised commitments
- Support UIFW prevention
- Enhance transparency and ethical procurement conduct

These Annexures is mandatory and non-negotiable.

ANNEXURE A - CERTIFICATE OF INDEPENDENT BID DETERMINATION

The Bidder certifies that:

1. The quotation has been independently determined.
2. No agreement exists with any competitor regarding:
 - Price
 - Market allocation
 - Submission or non-submission of quotation
3. The Bidder has not engaged in collusive or anti-competitive conduct.
4. The Bidder complies with the Competition Act 89 of 1998.

The Bidder acknowledges that false declaration may result in:

- Disqualification
- Contract termination
- Restriction from future procurement participation

Signature: _____

Date: _____

ANNEXURE B - UIFW (UNAUTHORISED, IRREGULAR, FRUITLESS & WASTEFUL EXPENDITURE) ACKNOWLEDGEMENT

The Bidder acknowledges DUT's internal financial governance framework aimed at preventing:

- Unauthorised expenditure
- Irregular expenditure
- Fruitless and wasteful expenditure

The Bidder confirms:

1. No work shall commence without a valid DUT Purchase Order.
2. No variation shall be implemented without written approval aligned to Delegation of Authority.
3. Services rendered without authorisation may not be paid.
4. The Bidder shall not rely on verbal instructions.

DUT shall not be liable for commitments made outside approved procurement processes.

Signature: _____

Date: _____

ANNEXURE C _ PROCUREMENT ETHICS AND CONDUCT DECLARATION

The Bidder confirms that:

- Neither the entity nor its directors are listed on any restricted supplier database.
- No director has been convicted of fraud or corruption related to procurement.
- The entity complies with ethical procurement practices.
- No attempt has been made to improperly influence DUT officials.

The Bidder acknowledges that DUT reserves the right to conduct due diligence screening.

Signature: _____

Date: _____

ANNEXURE D _ DUT CONFLICT OF INTEREST DECLARATION

RFQ No: _____

1. PURPOSE

To ensure transparency and compliance with Section 217 of the Constitution and DUT's governance frameworks, all bidders must declare any relationship or conflict of interest.

2. BIDDER DETAILS

Full Name of Bidder / Company: _____

Company Registration Number: _____

VAT Registration Number: _____

CSD Number: _____

Physical Address: _____

Contact Person: _____

Telephone: _____ Email: _____

3. EMPLOYMENT BY THE DUT OR THE STATE

Are you or any person connected with the bidder:

3.1 Employed by the State?

☐ YES ☐ NO

3.2 Employed by DUT?

☐ YES ☐ NO

If YES, provide details:

4. RELATIONSHIP WITH DUT EMPLOYEES OR COUNCIL MEMBERS

Do you or any director/shareholder/member have:

- Any family relationship with DUT employee?
☐ YES ☐ NO
- Any relationship with a person involved in evaluation of this process?
☐ YES ☐ NO

If YES, provide details:

5. PRIOR BUSINESS WITH DUT

Have you or your directors conducted business with DUT in the past 12 months?

☐ YES ☐ NO

If YES, provide details:

6. DIRECTORS / SHAREHOLDERS DETAILS

Full Name	ID Number	Tax Number	Employee Number (if applicable)

(Attach additional page if necessary)

7. DECLARATION

I, the undersigned, hereby declare that:

- The information furnished above is true and correct.
- I understand that failure to disclose conflicts may result in:
 - Disqualification;
 - Contract cancellation;
 - Recovery of damages;
 - Reporting to National Treasury.

Signature: _____

Name: _____

Position: _____

Date: _____

