

RESEARCH AND INNOVATION DEPARTMENT

INVITATION TO QUOTE

An invitation is hereby issued to suitably qualified and experienced service providers to provide services as described on the table below:

QUOTE NUMBER	QUOTE DESCRIPTION	PRICE AND BBEE	CLOSING DATE & TIME	MANDATORY REQUIREMENTS
RFQ MUT 251/2026	Development of an Integrated Smart Agricultural Application (Weather, Soil, Pest, Market, Communication)	80/20	10 June 2026, Time: 11:00	Refer to a document

Mangosuthu University of Technology is committed to the implementation of its Procurement Policy on Broad-based Black Economic Empowerment (BBBEE).

Procurement Enquiries: Mr. Sikhulile Thusi, E-mail thusi.sikhulile@mut.ac.za (031) 819 9535.

Technical Enquiries: Mrs Nomalungelo Ngcingolo; E-mail jili.nomah@mut.ac.za (031) 907 7658.

Bid documents can be downloaded from MUT website <https://www.mut.ac.za/tenders-procurement/>.

Completed documents should be emailed back to thusi.sikhulile@mut.ac.za no later than the date and time specified on the advertisement.

The University does not bind itself to accept the lowest bid and reserves the right to accept the whole or part of any bid. If you are not contacted within 90 working days after the closing date of the tender, consider your tender unsuccessful. The University does not bind itself to accept the lowest bid and reserves the right to accept the whole or part of any bid.



MUT
MANGOSUTHU
UNIVERSITY OF TECHNOLOGY

OFFICIAL REQUEST FOR QUOTATION (RFQ)

INSTRUCTIONS: The supplier information must be completed in full, and this document must be signed by authorized personnel. The supplier must carefully read the instructions and the terms and conditions of this document. Failure to adhere to these instructions and terms and conditions may result in rejection of the submission.

Business Unit: Research and innovation	RFQ number: RFQ MUT 251/2026
RFQ Description:	Development of an Integrated Smart Agricultural Application (Weather, Soil, Pest, Market, Communication)
Requester: Mrs Nomalungelo Ngcingolo Contact No: (031) 907 7658 E-mail: jili.nomah@mut.ac.za	Buyer: Mr Sikhulile Thusi Contact no: (031) 819 9535. E-mail: thusi.sikhulile@mut.ac.za
Request Date:	02 June 2026
Compulsory Briefing/Information session	None
Closing date: 10 June 2026 Closing Time: 11h00	The Completed Quotation should be returned via e-mail: thusi.sikhulile@mut.ac.za
Payment term	30 days in arrears upon receipt of a valid invoice
NB: RFQ documents should be submitted to the email address above. Clarification questions to be directed to the buyer on the above email address.	

BIDDER/SUPPLIER INFORMATION

Company name:	
Address:	
Contact Number:	
Name & Surname of Authorized person:	
Email:	
Company Registration number	

RFQ FORM

1. I/We hereby render to supply all or any of the supplies and/or to render all or any of the services described in the attached documents to Mangosuthu University of Technology on the items and conditions and in accordance with the specifications stipulated in the RFQ documents (and which shall be taken as part of, and incorporated into, this RFQ) at the prices and on the terms regarding time for delivery and/or execution inserted therein.
2. I/We agree that the offer herein shall remain binding upon me/us and open for acceptance by Mangosuthu University of Technology during the validity period indicated and calculated from the closing time of the RFQ.
3. if I/we withdraw my/our RFQ within the period for which I/we have agreed that the RFQ should remain open for acceptance or fail to fulfil the contract when called upon to do so, Mangosuthu University of Technology may without prejudice to its other rights, agree to the withdrawal of my/or RFQ or cancel the contract that may have been entered into between me/us and Mangosuthu University of Technology and I/we will then pay to Mangosuthu University of Technology any additional expense incurred by Mangosuthu University of Technology having either to accept any less favourable RFQ or fresh RFQs have to be invited, the additional expenditure incurred by the invitation of fresh RFQ and by the subsequent acceptance of any less favourable RFQ, Mangosuthu University of Technology shall also have the right to recover such additional expenditure by set-off against moneys which may be due or become to me/us under this or any other RFQ or contract or against any guarantee or deposit that have been furnished by me/us or on my/our behalf for the due fulfilment of this or any other RFQ or contract and pending the ascertainment of the amount of such additional expenditure to retain such moneys, guarantee or deposit as security for any loss Mangosuthu University of Technology may sustain by reason of my/our default.
4. If my/our RFQ is accepted the acceptance may be communicated to me/us by letter or ordinary post or registered post and that SA Post Office Ltd shall be regarded as my/our agent. Delivery or such acceptance to SA Post Office Ltd shall be treated as delivery to me/us.
5. The law of the Republic of South Africa shall govern the contract created by the acceptance of my/our RFQ and that I/we choose domicilium citandi et executandi in the Republic (full address).

- 6. I/We furthermore confirm that I/we have satisfied myself/ourselves as to the correctness and validity of my/our RFQ, that the price(s) and rate(s) quoted cover all the work/items(s) in these documents; and that the price(s) and rate(s) cover all my/our obligations under a resulting contract. I/we accept that any mistakes regarding price(s) and calculations will be at my/our risk.
- 7. I/we hereby accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me/us under this agreement as the principal(s) liable for the due fulfilment of this contract.
- 8. I/We agree that any action from this contract in all respects be instituted against me/us and I/we hereby undertake to satisfy fully any sentence or judgment which may be pronounced against me/us as a result of such action.
- 9. I/We declare that I/we have participation /no participation in the submission of any other offer for the supplies/service described in the attached documents. If in the affirmative, state name(s) or RFQ(s) involved.

10. -----

Are you duly authorized to sign for this the RFQ? *YES / NO

11. Has the Declaration of Interest been duly completed and included with the other RFQ forms?
 *YES / NO

DECLARATION	
I,	the undersigned (full names)
.....	
Certify that the information furnished above is correct. I accept that, in addition to cancellation contract, action may be taken against me should this declaration prove to be false.	

Name & Surname of Authorised person/ Representative	Date:
Signature of a Bidder's Representative	

PRICING SCHEDULE – FIRM PRICES (PURCHASES)

NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of bidder.....RFQ number: RFQ MUT 251/2026

Closing Time:11h00.....Closing date: 10 June 2026

OFFER TO BE VALID FOR 90 DAYS FROM THE CLOSING DATE OF BID.

ITEM NO	ITEM DESCRIPTION	QTY	UNIT PRICE	TOTAL AMOUNT
	<p>Service provider to create an application that will integrate weather patterns, soil, pest, market access, and communication.</p> <p>Examples of eligible service providers:</p> <ul style="list-style-type: none"> • OpenWeatherMap • aWhere • Weatherstack • Soil Grids by ISRIC • Desert Locust Information Services 			

1.	Phase 1: Initiation, UI/UX Design & Architecture Blueprint			
2.	Phase 2: Core Infrastructure & Module Development			
3.	Phase 3: Testing, Deployment & Localization			
4.	Phase 4: Annual Recurring Costs (Licensing, APIs & Hosting)			
	SUB-TOTAL			
	VAT@15%			
	TOTAL AMOUNT			

Out-of-Scope / Ad-Hoc Resource Rates

Should the project scope change, bidders must provide their standard hourly rates for additional development work:

- **Lead Mobile Architect / Technical Lead:** R _____ / Hour
- **Senior Mobile Developer (iOS/Android):** R _____ / Hour
- **AI / Machine Learning Engineer:** R _____ / Hour
- **UI/UX Product Designer:** R _____ / Hour

-
- Required by: Research IP
 - At: Mangosuthu University of Technology
.....
 - Brand and model
 - Country of origin
 - Does the offer comply with the specification(s)? *YES/NO
 - If not to specification, indicate deviation(s)
 - Period required for delivery
 - *Delivery: Firm/not firm
 - Delivery basis

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

** "all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

*Delete if not applicable

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-

- the bidder is employed by the state; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

2. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

2.1 Full Name of bidder or his or her representative:.....

2.2 Identity Number:

2.3 Position occupied in the Company (director, trustee, shareholder²):

2.4 Company Registration Number:

2.5 Tax Reference Number:

2.6 VAT Registration Number:

2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below.

¹ "State" means –

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity.
- (c) provincial legislature.
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

²"Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

2.7 Are you or any person connected with the bidder presently employed by the state.

YES / NO

2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member:

.....

Name of state institution at which you or the person connected to the bidder is employed :

.....

Position occupied in the state institution:

.....

Any other particulars:

.....

.....

2.7.2 If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? **YES / NO**

2.7.2.1 If yes, did you attach proof of such authority to the bid document? **YES / NO**

(Note: Failure to submit proof of such authority, were applicable may result in the disqualification of the bid.

2.7.2.2 If no, furnish reasons for non-submission of such proof:

.....

.....

2.8 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months? **YES / NO**

2.8.1 If so, furnish particulars:

.....

.....

.....

2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

2.9.1 If so, furnish particulars.

.....

.....

.....

2.10 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid? **YES/NO**

2.10.1 If so, furnish particulars.

.....

.....

2.11 Do you or any of the directors / trustees / shareholders / members **YES/NO** of the company have any interest in any other related companies whether or not they are bidding for this contract?

2.11.1 If so, furnish particulars:

.....

3 Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	Personal Reference Number	Tax Number	State Number / Number	Employee Peral Number

4 DECLARATIONS

I, THE UNDERSIGNED (NAME).....
 CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT.
 I ACCEPT THAT MANGOSUTHU UNIVERSITY OF TECHNOLOGY MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 23 OF THE GENERAL CONDITIONS OF CONTRACT SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
 Signature

.....
 Date

.....
 Position

.....
 Name

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Standard Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be disregarded if that bidder, or any of its directors have-
 - a. abused the institution's supply chain management system;
 - b. committed fraud or any other improper conduct in relation to such a system; or
 - c. failed to perform on any previous contract.
- 4 **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

Item	Question	Yes	No
4.1	<p>Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	<p>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</p> <p>The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.3.1	If so, furnish particulars:		
4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME)

CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS TRUE AND CORRECT.

I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This document must form part of all bids¹ invited.

- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.

- 3 Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
 - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b. cancels a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.

- 4 This form serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.

- 5 In order to give effect to the above, the attached Certificate of Bid Determination must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids, and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

—
(Name of Institution)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.

7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....

Signature

.....

Date

CONDITIONS OF THE RFQ:

1. Bidders must submit all necessary documents and complete all forms and questionnaires contained in the RFQ. Each bidder's proposal shall be evaluated against timelines and price.
2. pricing- do not show separately.
3. Bidders responding to this quotation are deemed to do so, on the basis that they acknowledge and accept all Terms and Conditions of this quotation.
4. RFQ validity period 90 days.
5. Validity period may not be extended unless otherwise stated by the member.
6. Incomplete or late submissions will not be evaluated.
7. Return quotations to the email address provided before closing date and time.
8. Should the bidder not receive the letter of award or the purchase order within the validity period, the bidder must consider their proposals/offer unsuccessful.

WHAT IS THE MUT LOOKING FOR:

Mangosuthu University of Technology wishes to appoint suitably qualified and experienced service provider to create an application that will integrate weather patterns, soil, pest, market access, and communication.

Specification/Scope of Work:

1. Scope of Work & Detailed Requirements:

The scope includes, but is not limited to, the development of the following core modules and functionalities based on the provided content:

1.1. Core Technical Infrastructure:

User Authentication & Management: the digital app should accommodate different categories of users, farmers, scholars, researchers and agricultural extension workers with communities. It will provide the secure access control, profile management, receive relevant agriculture related content based on their location and market access.

- Login/Sign-up screens with mobile number verification via SMS OTP and email verification.
- Project Location Pinning: Mandatory during registration via interactive map or GPS. Must include a proximity check to prevent duplicate project location registrations within a 50-meter radius.

For an example: Full name, Contact number, email address, password creation, community type like urban, rural or township, user role like farmer, scholar, researcher, buyer or Agri officer.

Cross-Platform Development: The application must be developed for iOS, and Android.

Multi-Language Support: Full application support for English, isiXhosa and isiZulu.

Offline-First Capability: Core informational features (Weather alerts, Farming Tips, Pest and Disease notification, Market access,) must be fully accessible without an internet connection.

SMS API Integration: For user verification (OTP) and sending critical alerts.

Market Data API Integration: For displaying live and historical pricing data.

1.2 Database and Backend Design

The App must include a structured database to store all required information.

Core user database stores:

- User ID, Full name and Contact details.
- Community type
- User role
- Login credentials
- Registration date
- Activity status

Core database project content:

- Sustainable farming techniques
- Articles
- Educational resources
- Farming guides

Core database community engagement:

- Comments
- Questions
- Community project submissions

Core database notifications

- Alerts
- Weather notifications
- Market update

1.3 Core Functional Modules based on the supplied design.

Agricultural knowledge and learning hub: Provide educational content like farming tutorial, sustainable agriculture guides like vertical farming, smart gardening, food security resources, video learning content and possibly downloadable resources.

Smart Soil and Pest detection: AI pest or disease detection, treatment recommendations and prevent farming advice.

Agriculture marketplace: connect producers and consumers with pricing update, pricelist, etc.

1.4 Deliverables

1. Project implementation plan and system architecture design.
2. Prototype (UI/UX) for stakeholder approval.
3. Functional app (Android/iOS) and web portal.
4. Data analytics dashboard for administrative monitoring.
5. Comprehensive Physical training and Online user guides.
6. Support and Maintenance Service Level Agreement for a period of 12 Months.

STAGE 1- EVALUATION CRITERIA

<p>Compulsory documents to be submitted with RFQ.</p> <ul style="list-style-type: none">• RFQ document completed and signed where applicable.• CIPC Registration/ MUT Vendor number• Valid Tax Compliance Status Pin. <p><i>NB: Failure to submit these documents will lead to disqualification</i></p>

OTHER GENERAL REQUIREMENTS:

- CSD MAAA NUMBER -----(please insert in the space provided)
- BBBEE Certification – No points will be allocated if not provided.

STAGE 2 FUNCTIONALITY EVALUATION

The evaluation criteria for functionality considers the bidder’s previous experience and ability, quality, reliability, viability and durability of all equipment, goods and or services as well as the Bidders technical capacity and ability to execute and maintain a contract.

Note:

- No bid will be considered further unless the minimum qualifying score/percentage for functionality has been achieved.
- Only bidders scoring minimum 70% and more shall be considered for Stage 3 dealing with Price & BBEE.

2.1 TECHNICAL REQUIREMENTS

FUNCTIONALITY CRITERIA	Weights (100)
<p align="center">COMPANY EXPERIENCE AND TRACK RECORD</p> <p>Minimum 3 years’ experience in ICT solution development (mobile/web applications) or Agricultural technology / smart farming systems (preferred) and contactable reference projects. At least 3 contactable reference projects:</p> <ul style="list-style-type: none"> • Similar integrated systems (e.g., agri-tech, IoT platforms, data-driven apps) • Reference letters must include, Scope, Value, Duration and Client contact details 	Maximum points (30)
<ul style="list-style-type: none"> • Three Reference letters Similar integrated systems (e.g., agri-tech, IoT platforms, data-driven apps) (30 points) • Two Reference Letter Similar integrated systems (e.g., agri-tech, IoT platforms, data-driven apps) (20 points) • One Reference Letter Similar integrated systems (e.g., agri-tech, IoT platforms, data-driven apps) (10 points) • Irrelevant /No reference Letter provided (0 Point) 	30
<p align="center">KEY PERSONNEL REQUIREMENTS</p> <p>To attach CV and Relevant qualifications</p>	Maximum (30)
<p>Project Manager: (10 points)</p> <p>Demonstrate experience in ICT project management Managing system/application development projects and Relevant Qualification (Bachelor’s degree or National Diploma in Information Technology / Computer Science / Software Engineering / Project Management or related ICT field.</p> <ul style="list-style-type: none"> • Five (05) years and above experience with relevant qualification (10 points) • Three (03) – Four (04) years’ experience with relevant qualification (7 points) • One (01) – Two (02) years’ experience with relevant qualification (2 points) • No experience (0 Point) 	

<p>Software Developers: (10 Points)</p> <p>Proven experience in Mobile (Android/iOS) and Web application development and Relevant Qualifications (Degree/Diploma in Computer Science / Software Development / Information Technology)</p> <ul style="list-style-type: none"> • Five (05) years and above experience with relevant qualification (10 points) • Three (03) – Four (04) years’ experience with relevant qualification (7 points) • One (01) – Two (02) years’ experience with relevant qualification (2 points) • No experience (0 Point) 	<p>10 Points</p>
<p>Data/Systems Specialist: (10 Points)</p> <p>Experience in API integration and data analytics and Degree/Diploma in Data Science / Information Systems / Computer Science / ICT-related field</p> <ul style="list-style-type: none"> • Three (03) years and above experience with relevant qualification (10 points) • Two (02) years’ experience with relevant qualification (7 points) • One (01) year experience with relevant qualification (2 points) • No experience (0 Point) 	<p>10 Points</p>
<p style="text-align: center;">METHODOLOGY</p> <p>Project Delivery Timeline, Feasibility of the development roadmap, testing phases, and localization sprint schedules.</p> <p>Phase 1: Initiation, UI/UX Design & Architecture Blueprint</p> <p>Phase 2: Core Infrastructure & Module Development</p> <p>Phase 3: Testing, Deployment & Localization</p> <p>Phase 4: Annual Recurring Costs (Licensing, APIs & Hosting)</p> <p>Acceptable timeframe should not be more than Six months</p>	
<ul style="list-style-type: none"> • Detailed methodology clearly structured, measurable, and aligned to system complexity (multi-module + data integration + mobile/web platforms) (40 Points) • Moderate methodology is adequate and acceptable, but lacks depth, innovation, or full integration clarity. (20 points) • Basic methodology with limited understanding and provides only a high-level, generic approach with significant gaps. (10 points) • No response, or fails to address the requirement (0 Points) 	<p>Maximum (40 points)</p>
<p style="text-align: center;">TOTAL POINTS</p>	
<p>100</p>	

NB: Only bidder who scored a minimum threshold of 70 will be invited for Stage 2.2 Interviews.

2.2 INTERVIEW (Session Via Teams)

NB: Bidders will be asked questions based on the below requirements or features in the application.

FUNCTIONALITY CRITERIA	Weights (100)
CORE TECHNICAL ARCHITECTURE & OFFLINE CAPABILITIES	Maximum points (30)
<ul style="list-style-type: none"> • Offline-First Synchronization (15 Points): Evaluate the robust nature of the local data storage model. Full marks for seamless background synchronization of weather, tips, and market data when reconnection occurs. • Geofencing & Map Integration (15 Points): Quality of the GPS interactive map pinning system. Evaluation of how reliably the system calculates the 50-meter radius to block duplicate project entries. 	30
FUNCTIONAL MODULES & AI CAPABILITIES	Maximum points (40)
<ul style="list-style-type: none"> • Smart Soil & Pest AI Detection (15 Points): Evaluation of the image recognition capabilities. Full marks for precise disease identification, offline treatment guides, and preventive alerts. • Agriculture Marketplace (15 Points): Quality and security of the producer-to-consumer listing architecture, real-time live price updates via API, and search filtering. • Knowledge & Learning Hub (10 Points): Assessment of the multimedia CMS handling text articles, video streaming optimization for rural areas, and offline downloadable PDFs. 	40
DATABASE & BACKEND SECURITY	Maximum Points (30)
<ul style="list-style-type: none"> • Data Structure & Security (15 Points): Completeness of the user, community engagement, and notification database schemas. Evaluation of secure SMS OTP data protocols. • Language & Localization Engine (15 Points): Scalability of the translation architecture between English, isiXhosa, and isiZulu across dynamic database entries. 	30

SCORING MATRIX		
SCORING MATRIX		
Score	Rating	Criteria Description
10 - 15	Excellent	Exceeds requirements with innovative, highly optimized solutions.
5 - 9	Good	Fully addresses requirements with clear technical proof.
4 - 6	Satisfactory	Meets basic requirements but lacks detail on optimization
1 - 3	Poor	Missing critical details, high risk of project failure
0	Non-Responsive	No response, or fails to address the requirement
TOTAL MAXIMUM POINTS		100

NB: Only bidders scoring minimum of 70 points for Stage 2.2 and more shall be considered for Stage 3 dealing with Price & BBEE.

STAGE 3 PRICE AND BBEE

3.1 The following preference point systems are applicable to invitations to tender: - the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

3.2 Points for this tender shall be awarded for:

- (a) PRICE- Comparison (The acceptable and market related rates will be considered)
- (b) BBEE

Only Bids that achieved the minimum qualifying score/percentage of 70 % for functionality will be considered further in terms of the relevant preference point system.

POINTS AWARDED FOR PRICE

THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

80/20

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

P_s = Points scored for price of bid under consideration

P_t = Price of bid under consideration

P_{\min} = Price of lowest acceptable bid

POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

Note:

Non-compliant contributors or failure to provide certification substantiating the BBBEE status level of contribution will result in the Bidder being awarded zero (0) points for the preference point system.

TO BE COMPLETED BY SUPPLIER BY (Checklist)

• Does this Offer comply with specification, state brand where applicable?	
• Does the bidder have the required experience, state period?	
• Can this order be delivered within the specified period, state delivery period?	
• Do you intend sub-contraction/Partner?	
• Pricing Schedule (Recalculate to ensure accuracy)- Indicate whether prices are firm or non-firm)	
• Declaration of Interest (Read, Understand and Sign)	
• Declaration of Bidder's Past Supply Chain Management Practices (Read, Understand and Sign)	
• Certificate of Independent Bid Determination (Read, understand and Sign)	
• CSD Registration Number (MAAA.....) / CSD report	

PLEASE NOTE: *MUT reserves the right to appoint or not appoint a service provider for this project. MUT will not necessarily accept the lowest quotation in part or full, it will be MUT's discretion to appoint the most suitable service provider who will add value to MUT.*