AGRICULTURAL RESEARCH COUNCIL

REQUEST TO TENDER FOR:

TENDER NO: ARC/22/12/2023

Inductively Coupled Plasma Optical Emission Spectrometer System

Tender Requirements & Special Conditions & Functionality

1.1 COMPULSORY ADMINSITRATIVE REQUIREMENTS FOR THE TENDER

The bidders shall provide the ARC (accompanying the bid document on the closing date/time) with the following information:

Criteria	Description of the criteria
1.1.1	Attendance of the compulsory briefing session. It is important for all bidders to attend briefing session as essential information relevant to the bid will be shared with all prospective bidders.
1.1.2	The potential bidder must submit three (3) bid proposals as follows: i. Two (2) hard copies (one original and one copy) ii. One (1) electronic copy in PDF format saved on a memory stick, clearly marked, and indexed. iii. iii. Bid proposals must be *properly bonded (not stapled), **clearly numbered and ***divided indexed
1.1.3	Submission of mandatory administrative documents. Bidders must fully complete and submit the following documents, certified copies must not be more than six (6) months: i. Certified copies of the bidders CIPC documents listing the type of organisation and director information. The company must not be on deregistration status or on awaiting deregistration status. ii. Submission of proof of the bidder's registration on the CSD (Full report) iii. Standard bidding documents completed in full and signed off by a duly authorised person

1.2 COMPULSORY TECHNICAL REQUIREMENTS

1.2.1 Certified licensed local distributor, with more than 5 years' experience in training of service technicians. Evidence in the form of certification or training manuals must be provided.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit the necessary Certification and Accreditation for their bid submission to be considered for further evaluation		

1.3 SPECIAL CONDITIONS FOR THE TENDER

	Comply	**Do Not Comply**
1.3.1 Provide the multi element wavelength solution where necessary and must be sourced from an ISO 9001 certified producer. The wavelength calibration must cover the 170 nm to 760 nm range. 1.3.2 Warranty valid for 36 months from installation and commissioning for all non-consumable components (Components covered must be specified: e.g. Gas flow controllers / RF generators and so forth) 1.3.3 Service level agreement for a period of 24 months: Including annual cleaning and maintenance by a qualified service engineer. Included all required maintenance consumables. Approved, call-outs for repair and fault finding - 6 per year for the 24 month SLA cycle (12 total) as needed. Service engineer call out and travel to be included. 1.3.4 Agree to analyse (materials to be provided by the ARC) calibration solutions and prepared samples to demonstrate the instruments performance. Samples must be analysed on the same model of instrument as the one being supplied. ARC staff members will witness the analysis of the said samples at a location and time to be provided by the supplier.		
Substantiation: The bidder must Comply with All the Special Conditions for their bid submission to be considered for further evaluation		

1.4 FUNCTIONALITY

A set of six multi-element calibration standards will be provided and their concentrations will be specified. The concentrations of the standard quality control, in-house sample quality control, certified reference material (CRM), low concentration standard, high concentration standard and 4 samples will be determined against the provided standards. A sequence of the analyses will be specified. The following parameters will be checked: linearity, r^2 value (Correlation coefficient), accuracy, repeatability, reproducibility, relative standard deviations (RSDs) and drift.

The following Rating Scale will be used:

1- Poor
2- Fair
3- Average
4- Good
5- Excellent

In order to proceed to the next stage of evaluation, the bidder must obtain a minimum average score of 3 in total.