

## OFFICE OF THE SUPPLY CHAIN MANAGEMENT

### 1.1 DESCRIPTION OF SERVICE: SUPPLY, DELIVERY AND INSTALLATION OF A 3.4KVA UPS

#### **BACKGROUND:**

The ARC Infruitec-Nietvoorbij has established the AGRI-Food Analytics with a mandate to provide analytical services to Researchers, Technicians and Students within the Institute as well as to external Industry clients. The establishment of the laboratory falls within the Institute's broader plan to strengthen Analytical, Diagnostic and Consultation Services. The aims of which are to: i) minimize expenses (via outflow of funds) with regard to outsourcing of analyses by Researchers; ii) intensively generate additional income stream for the ARC; and, iii) develop human capacity for the ARC and the Industry.

#### **PURPOSE:**

To procure a 3.4kVA UPS for the Alpha Wine Analyzer to ensure uninterrupted power supply.

#### **SCOPE OF WORK**

The Alpha Wine analyser is one of the major pieces of equipment used by the AGRI-Food Analytics laboratory to offer routine services and is a very sensitive piece of equipment. ARC Researchers and technicians submit grape must samples for analysis during the harvest period. These samples must be analysed on the day that they are harvested and processed to prevent any biochemical changes from occurring. Many projects rely on this analysis to establish optimum harvesting parameters. External clients rely on the accuracy of the results for their research and publications. Due to the volume of samples, the autosampler must be run overnight to accommodate the workload. With the current electricity crisis that SA is faced with these interruptions will negatively affect the performance of the laboratory as well as income generation for the ARC.

SPECIFICATION	Comply with specification. Please indicate (Yes or No)		
	Yes	No	If no, indicate deviation
• 3.4kVA single phase UPS with 4 – 4,5 hours run time with average load			
• Accurate pure sine wave output, strongly compatible with different loads			
• Smart RS232 communication port			
• Advanced performances due to the CPU control			
• Wide range of input and accurate output			
• Perfect protection for overload, short circuit, over-voltage and over-heating			
• Fully interactive and user-friendly LED/LCD display screen			
• UPS to restart automatically when main power recover			
• Intelligent battery management			

<ul style="list-style-type: none"> <li>• Extra wide input AVR conserves battery for added security</li> </ul>			
<ul style="list-style-type: none"> <li>• Multi-stage surge suppressor to protect equipment from electricity surges and spikes</li> </ul>			
<ul style="list-style-type: none"> <li>• To include auto diagnostics such as load sensing.</li> </ul>			
<ul style="list-style-type: none"> <li>• Compatible with generators (The AGRI-Food Laboratory is linked to the generator supplying the Nietvoorbij building with electricity during loadshedding)</li> </ul>			
<ul style="list-style-type: none"> <li>• Sleep/Green mode, audible and visual warnings to alert users of power and UPS conditions.</li> </ul>			
<ul style="list-style-type: none"> <li>• Must have a low noise level, &lt; 60 dB</li> </ul>			
<ul style="list-style-type: none"> <li>• Must comply with the following <b>power</b> specifications:</li> </ul>			
Phases: single phase input and single-phase output with grounding			
Capacity: at least 3.4 kVA/2000 W			
Input voltage: 220 to 240 V			
Input frequency: 4 - 65Hz			
Output voltage: 220 to 240 V			
Output frequency: 60/50 Hz (auto sensing)			
Output power factor: 0.9			
Batteries: lead based maintenance free			
<ul style="list-style-type: none"> <li>• Typical recharge time: 6 h or less to recover to 90% capacity</li> </ul>			
<ul style="list-style-type: none"> <li>• Batt. Capacity – quantity - 12V-9Ah x 12</li> </ul>			
<ul style="list-style-type: none"> <li>• The standard one-year guarantee shall apply to the system as a whole.</li> <li>• Please indicate if longer period (more than one year) of guarantee/warranty could be offered.</li> </ul>			
<ul style="list-style-type: none"> <li>• UPS must be new, and any fault within 6 six months from delivery supplier must repair at no cost including maintenance</li> </ul>			
<ul style="list-style-type: none"> <li>• UPS must be delivered installed and tested for atleast 1 month</li> </ul>			
<ul style="list-style-type: none"> <li>• Supplier must have Authority/Licence to supply and install UPS</li> </ul>			
<ul style="list-style-type: none"> <li>• The system shall be delivered and installed to Infruitec/Nietvoorbij – Nietvoorbij Wine Farm, R44 Klappmuts Road, Stellenbosch, 7600, Nietvoorbij Mainbuilding, AGRI-Food Analytics Laboratory, 2<sup>nd</sup> Floor (please note that there are no lifts, and the unit must be carried up 2 flights of stairs)</li> </ul>			

## 1.2 PRICING SCHEDULE SUPPLY, DELIVERY, AND INSTALLATION OF A 3.4KVA UPS

Item description	QTY	Unit price	Total Price
1. 3.4kVA UPS	1		
Other: Delivery			
SUBTOTAL			
VAT			
GRANDTOTAL			

1. The specification prepared by .....

Name ...Valmary van Breda.....

Date...02 August 2023...

Signature.....

# EVALUATION PROCESS & CRITERIA STAGE ONE FOR SUPPLY, DELIVERY AND INSTALLATION OF A 3.4KVA UPS

## ADMINISTRATIVE COMPLIANCE EVALUATION OF ALL PROPOSALS

	Comply with specification. Please indicate (Yes or No)		
	Yes	No	If no, indicate deviation
<b>EVALUATION PROCESS: NB: It must be noted that ARC reserve the rights to request for clarification if all the below questions are not answered properly.</b>			
<b><u>STAGE ONE: ADMINISTRATION COMPLIANCE</u></b>			
<p>All suppliers are duly lodged will be examined to determine compliance with quoting requirements and conditions. Quotes with obvious deviations from the requirements/conditions, <b>will be eliminated or disqualified from further adjudication.</b></p> <p><b>(a) Mandatory</b></p> <p>Quotes will only be compliant if supplier has submitted the following documents:</p>			
<p><b><i>Administrative documents</i></b></p> <p>1. According to National Treasury SCM Instruction number 4 of 2016/2017, only suppliers who are registered on Central Supplier Database (CSD) may be appointed. Suppliers is therefore encourage to register their entities on CSD, <a href="http://www.csd.gov.za">www.csd.gov.za</a> and such information will be verified through Central Supply Database (CSD);</p>			
2. All SBD documents must be submitted and completed;			
3. The supplier must comply with all the specification			
4. Contact Details, VAT number, Company registration number, Bank details must be appended on the supplier quote.			
<p><b>(b) Non-Mandatory</b></p> <ul style="list-style-type: none"> <li>Valid B-BBEE certificate or sworn affidavit certify by commissioner of oaths.</li> </ul>			

**Delivery Address:** ARC Infruitec Nietvoorbij, Helshoogte Road, Stellenbosch

## **SUPPLIER'S DETAILS**

**Company Name:** .....

**Contact person:** .....

**Contact number & Email :** .....

**Date & Signature:** .....



## BIDDER'S DISCLOSURE

### 1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

### 2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest<sup>1</sup> in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

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<sup>1</sup> the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

.....  
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....  
.....

### 3 DECLARATION

I, the undersigned, (Name).....

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

3.1 I have read and I understand the contents of this disclosure;

3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;

3.3 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 consortium<sup>2</sup> will not be construed as collusive bidding.

3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

3.4 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.

3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

3.6 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.

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<sup>2</sup> 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.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....	.....
Signature	Date

.....	.....
Position	Name of bidder