



REQUEST FOR QUOTATIONS FOR THE DEVELOPMENT OF A WATER MANAGEMENT PLAN FOR ROODEPLAAT AND IRENE

RFQ Number: RFQ-VIM01RFQ000951

Issue Date: 10 October 2024

Compulsory briefing Date: 14 October 2024 @10:00

Closing Date: 18 October 2024 @11:00

Bidding Company Name	
Representative Name	
Signature	
Date	

SECTION 1: INTRODUCTION AND BACKGROUND

The ARC operates within the National System of Innovation and has a mandate for innovative and creative agricultural research, technology development, and transfer aimed at the advancement of South African agriculture. The ARC conducts its business and all its operations on a number of Research stations, experimental farms, and other facilities across the country. These facilities are key to the ARC's operations and functions toward delivering excellence in Agricultural Research and Development.

The Vegetable, Industrial and Medicinal Plants Division, based at Roodeplaat, Pretoria has established a proud record of service to the agricultural industry and a large number of cultivars planted in South Africa have been developed by this Division.

Animal Production is based in Irene where research focus areas carry out primary and secondary research, development and technology transfer with respect to Animal Breeding and Improvement, Rangelands and Nutrition, and Food Science and Technology to improve productivity and sustainable resource utilisation.

South Africa is a water-scarce country; therefore, the ARC is in the process of formalising its current water management approach to be aligned with local and international endeavours to:

- Incorporate water efficiency measures into all new and refurbished facilities through best practices in water-efficient design.
- Maintain equipment and control and manage water infrastructure in order to maximise efficiency.
- Monitor and report on water consumption and implement opportunities for improved water efficiency.
- Promote awareness of the responsibility for water conservation to staff and contractors.

SECTION 2: INSTRUCTIONS TO BIDDERS

2.1 Submission of bid documents

The documents must be signed and completed by a person who has been given authority to act on behalf of the bidder. The bottom of each page of the bid documents must be signed as proof that the bidder has read the quotation documents. Bid documents must be submitted on or before the closing date and time by Email delivery to MogaleL@arc.agric.za

2.2. Late Bids

Bids submitted after the closing date and time will not be accepted.

2.3. Clarification and Communication

Name: Mr Douw Nel

Designation: Infrastructure Senior Manager

Tel: 012 427 9731

Email: NelD@arc.agric.za

2.4. Compulsory Briefing Session

Briefing session will be conducted through Teams Meeting

Venue: Microsoft Teams Meeting

Meeting ID: 370 652 273 68

Passcode: DQPDf2

Non-attendance to the compulsory briefing session will lead to disqualification of the Bidders' proposal/s

2.5. Bid Responses

Bid responses must be strictly prepared and returned in accordance with this quotation document. Bidders may be disqualified if they have not materially complied with any of ARC's requirements in terms of this document. Changes to the bidder's submission will not be allowed after the closing date. All bid responses will be regarded as offers unless the bidder indicates otherwise. No bidder may have an interest in any of the other bidders participating in this bid.

2.6. Disclaimers

It must be noted that ARC reserves its right to:

- 2.6.1. Award the whole or a part of this opportunity.
- 2.6.2. Negotiate with all or some of the shortlisted bidders.
- 2.6.3. To reject the lowest acceptable quotation received and/or.
- 2.6.2. Cancel this quotation.

2.7. Validity Period

- 2.7.1. ARC requires a validity period of Sixty (60) business/working days for this quotation.
- 2.7.2. During the validity period, the prices that have been quoted by the bidder must remain firm and valid

2.8. Confidentiality of Information

- 2.8.1. ARC will not disclose any information disclosed through this quotation process to a third party or any other bidder without any written approval from the bidder whose information is sought. Furthermore,
- 2.8.2. ARC will not disclose the names of bidders until the quotation process has been finalised.
- 2.8.3. Bidders may not disclose any information given to the bidders as part of this process to any third party without written approval from ARC. If the bidder is required to consult with third parties, such third parties must complete confidentiality agreements, which should also be returned to ARC with the bid.

SECTION 3: SCOPE OF WORKS

To conduct a Water articulation assessment at ARC-Roodeplaat (VIMP) & ARC-Irene (AP) and provide a detailed water management articulation proposal that can be implemented (with specifications to go out to market) to support the business ARC's operations at both sites.

The Water Management articulation plan will, amongst other innovative issues, need to consider and address the following:

- Legislative Requirements such as the National Water Policy White Paper of 1997, the National Water Act (Act 36 of 1998), and the National Water Services Act (Act 108 of 1997).
- Sources of supply of water to the campus.
- Distribution of water throughout the campus.
- The design of new buildings and refurbishment of existing buildings to include building systems that will reduce water usage.
- Measures to stop water flow into buildings, infrastructure, and other areas after hours and holidays and thus prevent water loss through leakage.
- Leakage detection and repairs, as well as preventative maintenance.
- Water-wise gardening.
- Water-efficient irrigation systems.
- The use of reclaimed water.
- Rainwater harvesting and storage.
- Effective utilisation of boreholes.
- The use of storage tanks and reservoirs to store borehole water.

- Implementation of water conservation projects and activities.
- Water usage monitoring.

SECTION 4: PRICE

Fixed price based on scope of work and site visit:

Consultancy Fee	R
Disbursements	R
VAT at 15%	R
Total	R