



REQUEST FOR QUOTATIONS FOR THE PROVISION OF ACOUSTICS CONSULTING SERVICES FOR THE PROPOSED CENTRE OF EXCELLENCE AT THE AGRICULTURAL RESEARCH CENTRE ROODEPLAAT, PRETORIA

RFQ Number: VIM01REQ004598

Compulsory site briefing through MS teams:

Meeting ID: 388 019 159 497 9

Passcode: Ym6La2T8

Closing Date: 24 October 2025

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 ARC signed an agreement (SLA) with DALRRD, which includes significant infrastructure development at the ARC Roodeplaat campus. This includes developing the Centre of Excellence on Climate Change's Infrastructure, Cannabis research infrastructure, Glasshouses, greenhouse complex for breeding infrastructure, genebank infrastructure, and other climate-smart projects. In addition to this new research infrastructure, a farming and production systems plan for the entire Roodeplaat

farm, which includes integrated crop and livestock climate-smart production systems, is to be developed and implemented. Along with the abovementioned projects, the ARC is also moving campuses based in Pretoria to Roodeplaat.

It is considered essential that an acoustics service provider be utilised to provide expert opinion as a key component of the design elements that are currently in progress.

SECTION 2: INSTRUCTIONS TO BIDDERS

2.1 Submission of bid documents

The envelopes containing bid documents must have on the outside, the bidder's return address, the full description of the quotation and quotation number. 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 closing date and time to KgampeT@arc.agric.za

2.2. Late Bids

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

2.3. Clarification and Communication

Briefing session will be held on through MS Teams:

Meeting ID: 388 019 159 497 9

Passcode: Ym6La2T8

Name: Tshepo Kgampe

Tel: 012 808 8000

Email: KgampeT@arc.agric.za

2.4. Bid Responses

Bid responses must be strictly prepared and returned in accordance with this quotation document. Bidders may be disqualified where 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.

2.5. Disclaimers

It must be noted that ARC reserves its right to:

- 2.5.1. Award the whole or a part of this opportunity;
- 2.5.2. Negotiate with all or some of the shortlisted bidders;
- 2.5.3. To reject the lowest acceptable quotation received; and/or
- 2.5.4. Cancel this quotation.

2.6. Validity Period

2.6.1. ARC requires a validity period of Sixty (60) business/working days for this quotation.

2.6.2. During the validity period the prices which have been quoted by the bidder must remain firm and valid

2.7. Confidentiality of Information

2.7.1. 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,

2.7.2. ARC will not disclose the names of bidders until the quotation process has been finalised.

2.7.3. Bidders may not disclose any information given to the bidders as part of this process to any third party without the written approval from ARC. In the event that the bidder requires 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

- Relevant Architectural Data:
 - Estimated total construction cost is R520,000,000.00
 - Construction Area: 30 203 m²
 - Occupancy: B1(Low Risk Commercial)
 - Design Primary Use: Research and Development Laboratory
 - Design Population: 1638 people
 - Stories: 3 stories
 - Accommodation Schedule (see attached)
 - Specialist Lab – DB ratings as received.

Laboratories

- Review all Acoustics technology initiatives and innovations as provide by the laboratory design and installation teams to ensure compliance with all local standards and regulations including:
 - On-site measurements and vibration levels in the laboratories including identifying sources and pathways of sound transmission.
 - Ensuring that the laboratory's acoustic environment meets relevant building codes, industry standards, and any specific requirements for research activities.
 - Specific solutions to mitigate noise and vibration, such as noise barriers, vibration isolation systems, sound-absorbing materials, and optimized HVAC system design.
 - Mitigating noise from heating, ventilation, and air conditioning (HVAC) systems, including fans, ducts, and air diffusers.
 - Strategies to control and isolate vibrations from machinery and other sources, ensuring sensitive equipment and research activities are not disrupted.
 - Sustainable and environmentally friendly acoustic solutions into the laboratory design.
 - The unique acoustic requirements of specific research areas, such as microscopy, imaging or research.
 - Ceiling design, including reflective and absorptive elements, as well as consideration of equipment height and positions.
 - Maximum HVAC noise specification and noise attenuation recommendations.
 - Partition design assistance according to individual privacy requirements.

- Internal acoustic surface treatments including ceiling and wall treatments.
- Door specifications.
- Internal acoustic treatment of seminar rooms in order to control the sound reverberation and optimise speech intelligibility.
- Mechanical noise mitigation measures, for control of the internal ambient noise levels.

Office Areas

- Recommendations for ceiling specifications.
- Recommendations for the design of desk barriers separating the workstations.
- Recommendations for localised acoustic surface treatment to maintain a balanced acoustic environment
- HVAC maximum noise level specification.
- Partition design assistance according to the privacy requirement including door and window specifications.
- Recommendations for ceiling specifications.
- HVAC maximum noise level specification and recommendations for duct path and attenuation schemes to minimise cross talk.

Meeting Rooms

- Partition design assistance according to privacy requirement, includes door and window specifications.
- Recommendations for internal acoustic surface treatment (includes ceiling and wall treatment if required). HVAC maximum noise level specification and recommendations for duct path and attenuation schemes to minimise cross talk.

Telephone Booths / Quiet Rooms

- Recommendations for partition construction including door specifications.

SECTION 3: Evaluation

Compulsory:

- 1. Company Profile must be provided**
- 2. CVs of the people who will be allocated to the project.**
- 3. Reference letters (3) of similar work and cost completed.**
- 4. Provide a high-level Project Plan.**

Evaluation Criteria

Criteria	Weight
1. Company Experience	
The bidder must demonstrate that they can render the required service. Proof of experience in similar projects. Must provide at least three (3) reference letters for similar work done.	45

2. Qualifications and experiences.	
Provide CVs of key staff who will be allocated to this project to enable evaluation of their qualifications and years of experience.	40
3. Project Plan / Methodology	
Provide a high-level project plan.	15
TOTAL	100%

SECTION 4: PRICE

4.1. Fixed price based on scope of work and site visit:

Acoustics Consultancy Services	R
VAT at 15%	R
Total	R