

Agricultural Research Council
1134 Park Street
ARCADIA
0083



Request for quotation:

Date: 2022-10-28
Expiration Date: 2022-11-03 at 11h00 am
Submissions: Via email to
galanem@arc.agric.za
Telephone: +27 (0) 12 529-9232
Tax Registration: 4140125313

Delivery address:
ARC-Onderstepoort Veterinary Institute
(ARC-OVI)
100 Old Soutpan Road (M35)
Private Bag X05
ONDERSTEPOORT
0110

Computer Equipment

Good day

1. You are kindly requested to submit a written quotation to the Agricultural Research Council as per below or attached terms of reference (TOR).

	RFQ number	Description	Quantity	Unit of Measure
1	REQ-059510	Axiocam 208 Stereo microscope color camera with standalone capability	1	EA

If a bidder does not comply fully with each of the mandatory requirements, it shall be regarded as mandatory non-performance/non-compliance and the bid shall be disqualified. No "unanswered" questions will be allowed. If a response to a question has been indicated as comply but not elaborated upon or substantiated it shall be regarded as mandatory non-performance/non-compliance and the bid shall be disqualified

SPECIFICATIONS

Have to fit the Zeiss Stemi 305 microscope

Full 4K resolution in 30 frames per second

Live image enhancement functions like sharpening, denoising and HDR

Use in stand-alone mode and save images on USB flash drive or use Labscope imaging app or ZEN imaging software

Wi-Fi compatible – use Labscope imaging app to control your camera wirelessly

USB3.0 and Ethernet connectivity

64 bit driver software for: ZEN (blue and core), Labscope and TWAIN plugin.

Camera:

USB 3.0 hub Type-C, -USB 3.0 flash drive,

Type-C and Type-A - USB 3.0 cable

Type-C to Type-A – Power signal cable camera to microscope stand compatible with AxioLab 5 and AxioScope 5/7/Vario

Power adapter with country-specific plug

Sensor type: Sony CMOS image sensor color, Rolling Shutter

Sensor size: Image diagonal 8.1 mm, equivalent to 1/2.1" (7.1 mm × 4.0 mm)

Pixel count: 3840 (H) × 2160 (V) = 8.3 MP, Ultra HD (4K)

Pixel size: 1.85 µm × 1.85 µm

Bit depth: 3 × 8 bit / pixel

Exposure range: 0.06 ms up to 1 s

Gain: 1× – 22× adjustable

Frame rate: HDMI: 30 fps

Ethernet: 30 fps

USB 3.0: up to 30 fps

Cooling system: Passive cooling

Spectral sensitivity: Approx. 400 nm – 700 nm, IR filter RGB Bayer color mask

Interface: HDMI, USB 3.0 Type C, Ethernet, Micro-D

Wi-Fi compatibility: Via USB Wi-Fi adapter and router

Power supply: External power supply, compatibility to South African sockets

Operating system: for ZEN Imaging Software: Windows 10 x64 Prof. / Ultimate and higher
for Labscope: Windows 7 / 10 x64 Prof. / Ultimate and iOS v11 and higher

Software: On Screen Display (OSD) for stand alone

Labscope v2.9 (win), v2.8.3 (iOS) and higher

ZEN (blue edition) v3.0 and higher

TWAIN driver

Image enhancement functions: Active denoising, active sharpening, HDR

Automatic features: Automatic exposure and gain regulation at Ultra HD resolution (4K), auto white balance, fast live image under low light conditions

A/D conversion Integration time: 0.06 ms up to 1 s

Connect directly to a monitor by a HDMI cable for live image display for search and focussing and review of acquired images. Gain: 1x - 22x
Interfaces for Communication and for Power: HDMI for monitor
USB 3.0 Type C for USB hub, flash drive or PC connection
Ethernet for LAN connection
Micro-D for power and communication with dedicated stands

Optical interface: C-mount

Max. file size per image: tiff up to: 24 MB

jpg up to: approx. 0.5 MB – 3.3 MB

Size/Weight: approx. 135 x 97 x 54mm / 590 g

Housing: aluminum with cooling fins

Environmental conditions: +10°C to +40°C, max. 75% relative air humidity at 35°C, no condensation for indoor use

Have to support application software: ZEN blue v3.0 and higher (includes ZENlite/pro/system) ZEN core v2.7 and higher (includes ZEN starter/core), Labscope v2.9 (win)/ v2.8.3 (iOS) and higher TWAIN plugin: Software interface to control camera by 3rd party application software

2. Essential Administrative requirements:

- 2.1. Valid current Tax Clearance Certificate and the pin code issued by the South African Revenue Services (SARS).
- 2.2. Only bidders registered on the Central Supplier Database (CSD) will be considered. Bidders shall include the CSD registration number with the bid proposal.
- 2.3. Only bidders that submit a valid current certified copy of the BBBEE certificate, original BBBEE certificate or the sworn affidavit, will be considered for scoring on the 20 points as per the 80/20 principle. Bidders are therefore required to submit the certified copy of the BBBEE certificate, original BBBEE certificate or the sworn affidavit.
- 2.4. Completed and signed Standard Bidding Documents (SBD) forms included in the bid document.
3. The above specified goods/services should be delivered / rendered to the ARCOnderstepoort Veterinary Institute at above-mentioned delivery address.
4. The particulars of the guarantee that will apply to the goods quoted for, with the particular regards to the period and extent of the warranty must be clearly stated. Where services are required, service providers must submit documentation pertaining the relevant experience.
5. Your written quotation must be deposited or emailed depending on the instructions given in the email.
6. All price quotations that have a rand value of R 30,000.00 to below R 50,000,000.00, including VAT, will be evaluated by applying the 80/20 principle as prescribed by the Preferential Procurement Policy Framework Act 5 of 2000 and its Regulations. The lowest acceptable price will score 80 points, the 20 BBBEE points will be allocated as follows:

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

7. Standard conditions:

- 7.1. The validity of the quotations must be indicated.
- 7.2. Prices quoted should be in South African Rand and inclusive of VAT costs such as delivery, insurance, taxes, etc.
- 7.3. No price adjustments or amendment of the delivery particulars contained in paragraph 2 will be considered by the ARC.
- 7.4 The supplier accepts full responsibility for the proper execution and fulfilment of the goods/services quoted for.
- 7.5 ARC reserves the right to accept or reject any special terms and conditions that may qualify the goods/services to be provided.
- 7.6 Quotes should be submitted on an official letterhead and duly signed.
- 7.7 Goods and services should be supplied / rendered upon receipt of a purchase order from the ARC.
- 7.8 The General Conditions of Contract issued by National Treasury are applicable.
- 7.9 The ARC supply chain management code of conduct is applicable.
- 7.10 Standard Bidding Documents (SBD) forms must be signed and returned together with the quotation if the price is above R 10,000.00. Failure to comply will result to disqualification of your quotation.
- 7.11 Only the quotation from suppliers who are requested to quote shall be evaluated and considered.
- 7.12 Your quotation must indicate the delivery date.
- 7.13 The ARC reserve the right to do due diligence on the quotations.
- 7.15 The ARC reserves the right to benchmark prices quoted.

Thank you in anticipation.

Miss Emmy Galane
Tel: +27 (0) 12 529-9316
Email: galanem@arc.agric.za
Supply Chain Management: ARC
Date: 2022-10-28