



REQUEST FOR QUOTATION FORM FOR GOODS AND SERVICES

AGRICULTURAL RESEARCH COUNCIL (ARC)

RFQ: RFQ-12116
 Enquiries: Mr. Nthato Botlhole
 E Mail: ISCWquotes@arc.agric.za
 Tel: 012 310 2618

Closing date: 04th February 2022 @ 11:00 a.m

1. You are kindly requested to submit a written quotation to the Agricultural Research Council-SCW in accordance to the specifications detailed below:

No	Item description
1.1	Service providers are required by ARC-SCW campus to provide a written quotation for the following:
	ITEM
	<p>Pix4Dmapper software specifications</p> <ul style="list-style-type: none">• Latest version (i.e., 4.6 or higher)• License type: Perpetual (one-time), desktop application with floating license• Number of License (x1)• Unlimited desktop processing• Personal support (for first year)• Options for upgrade or addition of new features in the future• Inputs<ul style="list-style-type: none">○ Aerial —nadir & oblique— and terrestrial imageryVideo (mp4 or avi format)Automatically extracts still frames from videos to create a projectMulti-camera support in the same projectRTK/PPK + IMU data support

		<ul style="list-style-type: none"> ○ Camera rig support ○ Ground control point edit and import ○ Camera exterior orientation support ○ External point cloud import • Processing <ul style="list-style-type: none"> ○ Processing templates ○ Rapid Check with Quality Report ○ Camera self-calibration ○ Rolling shutter effect correction ○ Automatic Aerial Triangulation (AAT) and Bundle Block Adjustment (BBA) ○ Automatic point cloud densification ○ Automatic point cloud filtering & smoothing ○ Machine-learning point cloud classification ○ Automatic DTM/DEM extraction ○ Automatic brightness and color correction ○ Quality Report ○ Project merging and splitting ○ Project area definition ○ Custom number of keypoints ○ Multiprocessor CPU + GPU support ○ Radiometric processing and calibration • RayCloud Editor <ul style="list-style-type: none"> ○ Project visualization ○ Navigation modes ○ Scale Constraint ○ Orientation Constraint 	
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		<ul style="list-style-type: none"> ○ Ground control point (GCP) / Manual tie point (MTP) editing ○ Ellipsoid error visualization ○ Project reoptimization ○ Image masking ○ Point cloud editing ○ Orthoplane creation ○ Polyline and surface object creation ○ 3D mesh and DSM editing ○ Visual outlier detection ○ Fly-through animation • Volume Manager <ul style="list-style-type: none"> ○ Volume object creation ○ Volume object management ○ Base adjustment ○ Mosaic Editor ○ Region editing ○ Local blending ○ Planar or ortho projection selection ○ Index calculator ○ Radiometric adjustment interface ○ Reflectance map ○ Multiple region management ○ NDVI map ○ Index formula editing ○ Class management ○ Prescription annotation ○ Prescription map export • Output Results: <ul style="list-style-type: none"> ○ 2D 	
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		<ul style="list-style-type: none"> ○ 2.5D ○ 3D ○ Fly-through animation and flight paths ○ Optimized camera position, external orientation and internal parameters, 	
1.2	Quotations may be emailed to bothholen@arc.agric.za		
1.3	Detailed costing on company letterhead must be provided		
1.4	Quote must be valid for a period of 30 days and above		

2. The above specified goods/services should be delivered or rendered to:

Name of Institute : **SOIL, CLIMATE AND WATER**
Address : **ARC-SCW,**
: **600 BELVEDERE ST**
: **ARCADIA,**
: **0083**
: **PRETORIA/TSHWANE**

3. The particulars of the guarantee that will apply to the goods quoted for, with particular regard 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.

4. Your written quotation should be sent to:

Mr. Nthato Botlhole

E Mail: bothholen@arc.agric.za

5. All price quotations with the rand value of R30 000-00 to R1 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 BBEE points will be allocated as follows:

6.

B-BBEE Status Level of Contributor	80/20
1	20
2	18
3	14

4	12
5	8
6	6
7	4
8	2
Non-compliant Contributor	0

6. Standard conditions:
- 6.1 The validity of the quotations must be indicated –Quotes must be valid for 30 days
 - 6.2 Prices quoted should be in South African Rand and inclusive of VAT.
 - 6.3 No price adjustments or amendment of the delivery particulars contained in paragraph 2 will be considered by the ARC.
 - 6.4 The supplier accepts full responsibility for the proper execution and fulfilment of the goods/services quoted for.
 - 6.5 ARC reserves the right to accept or reject any special terms and conditions that may qualify the goods/services to be provided.
 - 6.6 Quotes should be submitted on an official letterhead and duly signed.
 - 6.7 Goods and services should be supplied or rendered upon receipt of a purchase order from the ARC
 - 6.8 The General Conditions of Contract issued by National Treasury are applicable.
 - 6.9 The ARC supply chain management code of conduct is applicable.
 - 6.10 SBD Forms must be signed and returned together with the quotation.
 - 6.11 Only quotation received from suppliers who are requested to quote shall be evaluated and considered.
 - 6.12 Your quotation must indicate the delivery date.
 - 6.13 ARC reserves the right to do due diligence on the quotations.
 - 6.14 ARC reserves the right to benchmark prices quoted.
 - 6.15 ARC reserves the right not to appoint any supplier for the goods and / or services outlined in this RFQ.
 - 6.16 ARC reserves the right to select one or more items from a quotation on items outlined in this RFQ.
 - 6.17 Should you not receive response from ARC within 30 days of the closing date of this RFQ, please regard your quotation as unsuccessful.

6.18 The successful contractor shall be required to register on the ARC supplier database prior to the issue of an order or commencement of the work. Failure to comply may result in disqualification.

Thank you in anticipation

Nthato Botlhole

Date: 31st January 2022