

REQUEST FOR QUOTATION (RFQ)

RFQ NUMBER	SS/212/10/2020
DATE IOOUED	15/10/2020
DATE ISSUED	Weather Station Sensors
PROJECT NAME	Weather Station Sensors
	23 October 20202 16H:00
CLOSING DATE AND TIME	
NAME OF PROPOSER/TENDERER	
CSD SUPPLIER NUMBER (MA NUMBER)	
TELEPHONE NUMBER	
FAX NUMBER	
EMAIL ADDRESS	
PHYSICAL ADRESS	
B-BBEE STATUS LEVEL OF CONTRIBUTION	
FULL NAME OF BIDDER OR HIS OR HER	
REPRESENTATIVE	
IDENTITY NUMBER	
POSITION OCCUPIED IN THE COMPANY	
(DIRECTOR, TRUSTEE, SHAREHOLDER)	
COMPANY REGISTRATION NUMBER	
TAX REFERENCE NUMBER	
VAT REGISTRATION NUMBER	
QUOTE PRICE (INCL VAT)	
SIGNATURE	

Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	Personal Tax Reference Number	State Employee Number Persal Number

1. DECLARATION OF INTEREST (SBD 4)

Any legal person, including persons employed by the state¹, SANSA Board members or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-

- The bidder is employed by the state;
- SANSA Board member; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid

1"State" means -

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament

Are you or any person connected with the bidder presently employed by the state?	YES
If so, furnish the following particulars:	1
Name of person / director / trustee / shareholder/ member:	NO
Name of state institution at which you or the person connected to the bidder is	
ployed	
Position occupied in the state institution:	
Any other	
ticulars:	

If you are presently employed by the state, did you obtain the appropriate authority to undertake	YES
nunerative	1
work outside employment in the public sector?	
If yes, did you attach proof of such authority to the bid document?	
(Note: Failure to submit proof of such authority, where applicable, may result in the	YES
qualification of the bid	1
If no, furnish reasons for non-submission of such	NO
of:	
Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their	YES
spouses conduct business with the state in the previous twelve months?	1
If so, furnish	NO
particulars:	
Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a	YES
person employed by the state and who may be involved with the evaluation and or adjudication of this	1
bid?	NO
If so, furnish	
particulars:	
Are you, or any person connected with the bidder aware of any relationship (family, friend, other)	YES
between any other bidder and any person employed by the state who may be involved with the	1
evaluation and or adjudication of this bid?	NO
If so, furnish	
particulars:	
Do you or any of the directors / trustees / shareholders / members of the company have any interest	YES
in any other related companies whether or not they are bidding for this contract?	1
If so, furnish	NO
particulars:	

2. Declaration of Bidder's past supply chain management practices (SBD 8)

- 2.1 This Standard Bidding Document must form part of all bids invited.
- 2.2 It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system
- 2.3 The bid of any bidder may be disregarded if that bidder, or any of its directors have-
 - 2.3.1 Abused the institution's supply chain management system
 - 2.3.2 Committed fraud or any other improper conduct in relation to such system; or
 - 2.3.3 Failed to perform on any previous contract.

2.4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

ltem	Question	Yes	No

2. 4.1	Is the bidder or any of its directors listed on the National Treasury's	Yes	No
	database as companies or persons prohibited from doing business with the public sector?		
	(Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the <i>audi alteram partem</i> rule was applied).		
2.4.1.1	If so, furnish particulars:		
2.4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?	Yes	No
	To access this Register enter the National Treasury's website, www.treasury.gov.za , click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445.		
2.4.2.1	If so, furnish particulars:		
2.4.3	Was the bidder or any of its directors convicted by a court of law	Yes	No
	(including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?		
2.4.3.1	If so, furnish particulars:		
2.4.4	Was any contract between the bidder and any organ of state	Yes	No
	terminated during the past five years on account of failure to perform on or comply with the contract?		
2.4.4.1	If so, furnish particulars:		

3. Certificate of Independent Bid Determination (SBD 9)

- 3.1 This Standard Bidding Document (SBD) must form part of all bids¹ invited.
- 3.2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe* se prohibition meaning that it cannot be justified under any grounds.

- 3.3 Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
 - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
- 3.4 This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bidrigging.
- 3.5 In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:
 - ¹ Includes price quotations, advertised competitive bids, limited bids and proposals.
 - ² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

Certificate of Independent Bid Determination

I, the undersigned, in submitting the accompanying bid:	
(Bid Number and Description)	
in response to the invitation for the bid made by:	
(Name of Institution)	
do hereby make the following statements that I certify to be true and complete in every respect to certify, on behalf of:that	
(Name of Bidder)	

- A. I have read and I understand the contents of this Certificate;
- B. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
- C. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder:
- D. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;

- E. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) Has been requested to submit a bid in response to this bid invitation;
 - (b) Could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) Provides the same goods and services as the bidder and/or is in the same line of business as the bidder
- F. 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 consortium³ will not be construed as collusive bidding.
- G. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (i) prices;
 - (ii) geographical area where product or service will be rendered (market allocation)
 - (iii) methods, factors or formulas used to calculate prices;
 - (iv) the intention or decision to submit or not to submit, a bid;
- (v) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (vi) bidding with the intention not to win the bid.
- H. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
- I. 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 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.
- J. 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.

4. REQUEST FOR QUOTATION: WEATHER STATION SENSORS

The South African National Space Agency (SANSA) requires a service provider to supply and deliver **Weather Station Sensors** to the SANSA Hermanus Facility, in Hermanus, Western Cape.

4.1 BACKGROUND TO SANSA

The South African National Space Agency (SANSA) has a mandate, as outlined in the South African National Space Agency Act, 2008 (Act No 36 of 2008), to co-ordinate and integrate national space science and technology programmes and conduct long-term planning and implementation of space-related activities in South Africa, for the benefit of the citizens of South Africa

4.2 SCOPE OF WORK

The South African National Space Agency (SANSA) requires the services of a reputable service provider to supply and deliver Weather Station sensors and associated equipment that will be deployed at THREE different remote sites. All equipment should, however, be delivered to the **SANSA Hermanus site**.

Sensor

Product	Product Description	Qty
Climatur 50 Compact Daylor Vocamer Survivo	Item 1:Sensor: An all-in-one meteorological sensor that can monitor the following parameters at the required specifications: • Air temperature (-40°C to +60°C with resolution 0.1°C and accuracy ±0.6°C) • Barometric pressure (500 to 1100 hPa with resolution 0.1hPa and accuracy ±3mb) • Relative Humidity (0 to 100% with resolution 0.1 and accuracy ±3%) • Wind direction (0° to 359° with resolution 1° and accuracy ±5°) • Wind speed (0 to 30 m/s with resolution 0.01 m/s and accuracy 0.3 m/s) • Solar radiation (0 to 1750 Wm² with resolution 1 Wm² and accuracy ±5% of measurement) • Precipitation (0 to 400 mm/h with resolution 0.017 mm and accuracy ±5% of measurement) • Lightning strike count (0 to 65,535 strikes with resolution 1 strike and accuracy > 25% detection at < 10 km typical)	3
	Sensor output: SDI-12	

	Power Supply: 3.6V to 15V DC	
Pictured – ClimaVUE 50 We require this or an equivalent model that meets or exceeds the specifications and parameters listed.		
	Item 2: Datalogger:	3
© SCHOOL OF THE PROPERTY OF T	A datalogger is required to interface with the sensor supplied above. Specifications:	
Pictured – Campbell Scientific CR310. We require this or an equivalent model that meets or exceeds the specifications and parameters listed.	 Measure from sensor using SDI-12 protocol USB connectivity Integrated Ethernet port for network connectivity 24bit ADC On board memory buffer in case of communications interruption Mains power supply with a 12V DC battery backup 	
	Item 3: Sensor Cable:	3
	A cable to connect the sensor in line item 1 to the datalogger in line item 2. • At least 3 m in length • Shielded conductors • Insulated in UV-resistant material for outdoor use. • IP67-rated connectors	
	Item 3: Enclosure	3
	The datalogger in line item 2 together with its backup battery should be housed in an outdoor enclosure situated no more than 3 m away from the sensor in line item 1.	
	 Enclosure measurements not to exceed 350 x 250 x 200 mm Enclosure to include battery holder 	

	 All mounting accessories should be included to secure the enclosure to a wall or to a mast and to affix the datalogger, cables and battery inside. Supply 12VDC 7Ah rechargeable, sealed, lead-acid battery 	
<u> </u>	tem 4: Sensor mounting bracket:	3
	The sensor in line item 1 must be mounted to the side of a container wall by a non-magnetic , 90 degree mount	
	Supply a non-magnetic wall mount	
<u> </u>	tem 5: Mains power supply:	3
	The datalogger should be supplied with a DC voltage derived from a 220V AC mains supply:	
	 Supply 220V AC to 13.8V DC converter, sufficient to power the datalogger, sensor and charge the backup battery Supply Circuit protection for main power supply Supply mounting accessories for mains power supply 	
	tem 6: Datalogger Support Software	1
	Supply datalogger support software that can interface via the Ethernet connection to the datalogger and record the data at least every 5 minutes on a suitable desktop PC running Windows or Linux operating system connected on the same network.	
	Software licensed for three sites	
<u> </u>	tem 7: Programming and Wiring	3
	Service provider to wire the sensor to the datalogger and pre-programme the datalogger to accept the supplied sensor	
	<u>l</u>	

NB: The equipment should be delivered to SANSA's premises in Hermanus, Western Cape. The quotation should include the delivery charge.

5. EVALUATION CRITERIA

SANSA promotes the concept of "best value" in the award of contracts, as opposed to merely looking for the cheapest price, which does not necessarily provide the best value. Best value incorporates the expertise, experience and technical proposal of the organisation and individuals who will be providing the service and the organisational capacity supporting the project team.

SANSA is committed to achieving Government's transformation objectives in terms of the Preferential Procurement Policy Framework Act.

The value of this bid is estimated not to exceed **R500 000** (all applicable taxes included) and therefore the **80/20** system shall be applicable.

Please Note: the above amount (R500 000) is not the Budget Amount for this Project but is the Treasury threshold for request for quotation (RFQ).

The procedure for the evaluation of responsive tenders is price, functionality (quality) and preference method. The evaluation of the bids will be conducted in the following two stages:

- Firstly, the assessment of quality will be done in terms of the evaluation criteria
 (Table 1) and the minimum threshold of 80 points explained below. A bid will be
 disqualified if it fails to meet the minimum threshold for functionality as per the bid
 invitation
- Thereafter, only the qualifying bids are evaluated in terms of the 80/20 preference points systems, where the 80 points will be used for price and the 20 points will be awarded to a bidder for attaining the B-BBEE status level of contributor in accordance with the Table below

Preference

(A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE)

Calculation of points for B-BBEE status level contributor

Points will be awarded to a bidder for attaining the B-BBEE status level of contributor in accordance with the Table below

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

Quality/Functionality:

Scores will be tabulated to 100 points. Respondents must score all **80 Points** to be assessed on their financial offer and preference score.

The allocation of points for the evaluation of quality/functionality is set out in Table1 below:

Table 1:

Criteria	Maximum Points
References	20
Experience	20
Products supplied meet the required specifications	60
Total evaluation points for quality	100

Evaluation criteria 1: Trade references

The supplier must provide at least three (3) contactable references to whom goods of a similar nature have been supplied in last year.

Score	
0	The supplier submitted less than three references
10	The supplier submitted three (3) contactable references
20	The supplier submitted more than three (3) contactable references.

References: Please fill in contactable reference as per table above

Reference Name	Contact No.	Email

Evaluation criteria 2: Supplier's experience in supplying Meteorological Sensors

Supplier must submit a brief profile indicating their experience in supplying Meteorological Sensors as well as the number of years that they have been active in the industry.

Score	
0	The supplier has no previous experience supplying Meteorological
	Sensors.
10	The supplier has at least one (1) year of relevant experience supplying
	Meteorological Sensors.
20	The supplier has two (2) or more years of relevant experience supplying
	Meteorological Sensors

Experience: Please attach company profile and indicate number of year's experience in the industry

Reference Name	Please Circle	
I have attached my company profile	Yes	No
Number of years' experience supplying Weather Station Sensors	1 year	≥ 2 year

Evaluation criteria 3: Products supplied meet the required specifications

- Supplier must submit a quotation based on the Scope of Work (Section 4.2).
- Quoted prices should be all inclusive of VAT, any import charges, shipping and delivery to Hermanus, Western Cape.
- Supplier should ensure that full product part numbers are indicated on the quotation. Ideally, detailed specification / data sheets should be attached showing that the products meet the specifications (Section 4.2).

Score		
0	 Supplier has not provided a detailed quotation. There is no product information and/or some of the products listed do not have model numbers Goods proposed do not meet the required specifications in Section 4.2. (Any combination of the above criteria will result in a score of ZERO) 	
40	A detailed quotation has been submitted, inclusive of all delivery charges. Part numbers have been clearly indicated and the products meet the required specifications.	
60	A detailed quotation has been submitted, inclusive of all delivery charges. Part numbers and detailed specification sheets are given and show the products meet the required specifications.	

6 PRICING SCHEDULE

Pricing Instructions

- 1. Price to include all costs, i.e import charges , custom charges and delivery/courier costs
- 2. Payment will be made based on the deliverables for the goods received and NO advance payments will be made.
- 3. Payment will only be made on the basis of work completed satisfactorily, and invoices provided and approved by the project manager.
- 4. Offer to be valid for 30 days from the bid closing date

Deliverables	Quantity	Unit Price (incl. VAT)	Total (incl. VAT)
All-in-one meteorological sensor	3		
Datalogger	3		

Sensor Cable	3		
Outdoor enclosure with backup battery	3		
Mains power supply and circuit protection	3		
Setup and configuration	3		
Datalogger Support Software (3 licenses)	1		
Delivery to SANSA in Hermanus	1		
Any other costs (please specify)			
Total Incl. VAT			

Detailed quotation to be submitted with this document

7. SPECIAL CONDITIONS

- 7.1 Quotations to be returned to: Siphamandla Oupa (soupa@sansa.org.za) or tel. No. (028) 312 1196
- 7.2 The service provider shall commit to post support where and when required by SANSA.
- 7.3 Payment will be done on deliverables achieved, with payments done within 30 days of receipt and approval of invoice.
- 7.4 Detailed quotation with product codes to be included for all specified equipment, including delivery and VAT
- 7.5 Contract will not be awarded unless supplier is registered on the **Central Supplier Database**. A supplier summary indicating valid tax clearance should be submitted with the proposal. Potential suppliers should contact SANSA should they require assistance in registering on the CSD.
- 7.6 SANSA reserves the right to select any, all or no options offered in section 6 to best suit the needs of SANSA and it's budget.
- 7.7 The offices of SANSA are situated at the following address:

Hospital Street Hermanus Western Cape

8. TIMELINES

The successful service provider must be in the position to provide the service **within 4-6 weeks** after the purchase order has been issued by SANSA. SANSA reserves the right to cancel the order should delivery take longer than specified or should the order be incorrectly filled.

9. SUPPORTING DOCUMENTATION AND MINIMUM CRITERIA

In order to demonstrate their capacity and score points with respect to the criteria, tenderers should provide the following supporting documentation.

- a. Original/Certified B-BBEE status level verification certificate/Sworn affidavit must be submitted in order to qualify for preference points for B-BBEE);
- b. The quote must be valid for a period of 30 days
- c. CSD summary with compliance tax compliance status
- d. Quotation must reflect a cost breakdown, where applicable, prices quoted must be inclusive of VAT
- e. All pages of quotation must be signed by the responsible person
- f. SANSA has the right to withdraw any quotation at any time within the validity of the quotation.
- g. SANSA reserves the right to exclude any item listed in the scope of work due to budget restrictions.
- h. SANSA reserves the right to invite suppliers/companies to present their bid proposals for final decision

7. DECLARATION

The undersigned, who warrants that he / she is duly authorized to do so on behalf of the enterprise:

- confirms that neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- ii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- iii) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and;
- iv) confirms that the contents of this questionnaire/forms (SBD 4, 8 & 9) are within my personal knowledge and are to the best of my belief both true and correct
- v) accept that, in addition to cancellation of a contract, action may be taken against me should the Declaration prove to be false.
- vi) confirms that the bidder has read the General Conditions of Contract (GCC) and agree with the conditions. The GCC can be found on SANSA website (http://www.sansa.org.za/images/Procurement/GCC/GCC.pdf)

Signed	Da	ate
Name	Po	sition
Enterprise name		

Please note that if the supporting documentation is not provided then the submission will be classified as non-responsive.

RFQ Conditions

1. Disqualification

Please note that if a bid document is not filled in correctly or completely, or complied with the specification, or is delivered/send after the bid closing date and time, or the supplier is not registered on the CSD or supplier has a non-compliant tax status, then unfortunately that bidder will be disqualified. Please return this document with the supporting documents.

2. Bid Document Submission

Emailed tender documents will be accepted. However, the onus is on the tenderer to ensure that complete email documents have been received by the SANSA by the due date and time. Please note that any alterations to the tender document other than filling in the tenderer's details and tender price will automatically disqualify the tenderer.

END