



#### REQUEST FOR QUOTATION (RFQ)

RFQ NUMBER	SS/405/07/2024
DATE ISSUED	26/07/2024
PROJECT NAME	Request for quotation for Laboratory &
	Electronic Measurements Equipment
CLOSING DATE AND TIME	07/08/2024 at 12:00PM
NAME OF PROPOSER/TENDERER	
CSD SUPPLIER NUMBER (MA NUMBER)	
TELEPHONE NUMBER	
FAX NUMBER	
EMAIL ADDRESS	
PHYSICAL ADRESS	
<b>B-BBEE STATUS LEVEL OF CONTRIBUTION</b>	
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)	





Full details of directors / trustees / members / shareholders

Full Name	Identity Number	State Employee Number / Persal Number

## A. BIDDER'S DISCLOSURE (SBD 4)

#### 1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

## 2. Bidder's declaration

- 2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest1 in the enterprise, employed by the state? **YES/NO**
- 2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

<sup>1</sup> the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.





Full Name	Identity Number	Name of State institution

- 2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**
- 2.2.1 If so, furnish particulars:
- 2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**
- 2.3.1 If so, furnish particulars:

## **3 DECLARATION**

I, the undersigned, (name) ..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read, and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 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 consortium2 will not be construed as collusive bidding.

<sup>2</sup> 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.

The SANSA Hermanus Facility is a National Key Point (NKP) and therefore all suppliers may be subjected to a company vetting process before commencing with work on site.





3.4	In addition, there have been no consultations, communications,
	agreements or arrangements with any competitor regarding the quality,
	quantity, specifications, prices, including methods, factors or formulas
	used to calculate prices, market allocation, the intention or decision to
	submit or not to submit the bid, bidding with the intention not to win the
	bid and conditions or delivery particulars of the products or services to
	which this bid invitation relates.

- 3.5 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.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.7 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.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

Signature	Date
Position	Name of bidder





# B. REQUEST FOR QUOTATION FOR QUOTATION FOR LABORATORY & ELECTRONIC MEASUREMENTS EQUIPMENT

#### 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.

## 2. SCOPE OF WORK (TERMS OF REFERENCE)

The South African National Space Agency requires the services of a service provider to provide the items as indicated below:

Pictures are for illustration purposes only as any equivalent brand item may be provided.

Attribute	Value	Picture
Number of Outputs	2	
Supply Voltage	230V	
Output Voltage	$0 \rightarrow 32V$	ROHDE&SCHWARZ NGE100 Power Supply Series   Clyvice StayRump Clotter Clotter Clotter   Clinit 31 cliw Power Supply Clinit Clinit
Output Current	$0 \rightarrow 3A$	32.00 V 0.969 A Print 001W Vink 183V Inc. 0000 Inc. 1510W Inc.
Power Rating	66W	5.00 V 3.021 A
Number of Displays	2	
Bench Power Supply	Adjustable	
Туре	Power Supply	
Туре	Digital	
Digital/Analogue	Digital	
Input Connector	IEC 320-C14	

#### 2.1: Dual-channel Lab power supplies, 0-32 V, 0 – 3A, 2-outputs (3 units)





Output Connector	4 mm Safety Socket		
Minimum Temperature	0°C	Similar/equivalent	
Maximum Temperature	+40°C		

## 2.2: 1:1 isolating instrument transformers (3 Units)

- Primary 240VAC, 50/60 Hz., Secondary 240VAC.
- Provides circuit isolation.
- Toroidal transformer for high isolation, low noise, light weight, cool operation and low profile.
- 50 Hz, (240VAC to 240VAC).
- Standard 3-wire, grounded plug
- Standard South African 3-wire household plug

#### Picture (Similar/equivalent)



#### 2.3: Soldering station plus soldering iron (2 units)

- Supply voltage: 230V, 50 Hz
- Secondary voltage: 24V
- Power: 80VA
- Temperature range: 150°C 459 °C
- Control Technology: RESISTRONIC
- Display resolution: 1 °C

#### Soldering iron:

- Voltage: 24 V
- Power: 80 W at 350 °C
- Pre-heating time: approx. 40 seconds
- Picture (Similar/equivalent)







#### 2.4: Handheld oscilloscope 2-ch (1 unit)

- Bandwidth 40MHz
- Channel 2
- Sample rate 250MSa/s
- Acquisition model Sample, Peak detect
- Record length 6K
- Display 3.5 inch LCD
- Waveform refresh rate 10000 wfrms/s
- Input coupling DC, AC ,Ground
- Input impedance 1 M $\Omega$ ±2%, in parallel with 16 pF±10 pF
- Probe attenuation 1X,10X,100X,1000X
- Max. input voltage 400V (DC+AC, PK PK)
- Bandwidth limit(typical) 20MHz / Full bandwidth
- Sampling rate range 5ns/div ~ 500s/div,step by 1 2 5 Sensitivity Resolution 10mV/div~10V/div
- Low Frequency (-3db) ≥10 Hz (at input, AC coupling)
- Rise time (at input, Typical) ≤8ns ≤5ns ≤3.5ns
- Trigger type Edge
- Trigger model Auto, Normal, single
- Trigger level range ±4 div from the screen center
- Automatic measurement Period, Frequency, Mean, PK-PK, Max, Min
- Cursor measurement  $\Delta V$ ,  $\Delta T$ ,  $\Delta T \& \Delta V$  between cursors, auto cursor
- Communication interface USB Type-C
- Picture (Similar/equivalent)

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2.5: 1Amp 200V source meter,  $\pm 200$  mV to  $\pm 200$ V, 1-Channel,  $\pm 1$ uA to  $\pm 1$ A, 20W Output (1 unit)

Range	Programming resolution	Source accuracy (1 year)	Default Measurement Resolution	Measurement accuracy (1 year)
		23°C ± 5 °C		23°C ± 5 °C
200.000 mV	5 μV	0.02% + 600 μV	1 μV	0.012% + 300 µV
2.00000 V	50 μV	0.02% + 600 μV	10 μV	0.012% + 300 µV
20.0000 V	500 μV	0.02% + 2.4 mV	100 μV	0.015% + 1.5 mV
200.000 V	5 mV	0.02% + 24 mV	1 mV	0.015% + 10 mV

Picture (Similar/equivalent)



## 2.6: Digital Bench Oscilloscope, 4 Analogue Channels, 70MHz (1 unit)

Attribute	Value	Picture
Bandwidth	70MHz	similar or equivalent
Digital/Analogue	Digital	
Number of Analogue	4	interest of the second s
Channels	4	
Oscilloscope Form	Digital Storage	
Oscilloscope Type	Bench	
Interface	UART	11
Power Source	Mains	





Memory Depth	200kpts	
Display Type	TFT LCD, WVGA	
Maximum Vertical Sensitivity	10V/div	
Minimum Time Base	5ns/div	
Screen Size	7in	
Sample Rate Random	1 (per Channel) Gsps, 2 (Half-Channel Interleaved) Gsps	
Input Impedance	1 ΜΩ	
Record Length	1 M points, 2 M points	
Maximum Time Base	50s/div	
Input Capacitance	16 pF	
Dimensions	314 x 165 x 130mm	
Vertical Resolution	8 bit	
Plug Type	USB	
Rise Time	5ns	

#### 2.7: Soldering Accessory Soldering Iron Stand, for use with Soldering Stations

## (3 units)

Parameter	Specification	Picture
Magnifying Lens size	ψ90 mm and ψ20 mm	
Magnification	2.5X(6D)+6.25X(21D)	
Magnification Material	Acrylic	
Light source	16 pcs SMD LEDs	Similar or equivalent
Neck Length (for magnifier)	265 mm	





		3CIVI-F-03 - KFQ
Neck Length(for alligator	250 mm	
clips)		
Po w er Battery	1.5 V AA x 4 pcs	
	batteries	
Accessories	Sponge size 30 x 50	
	mm Soldering Flux 10	
	g Brass Tip Cleaner	

# 2.8: Digital Multi-meter with DC Power Supply, True RMS, 3A ac Max, 3A dc Max, 750V ac Max (1 unit)

Parameters		Picture
Resolution	5 ½ digits	
Accuracy	250 ppm	
Max reading (speed at 4.5 digits)	26 readings / s	
DCV, ACV ranges	DCV: 20 mV to 1000 V	
	ACV: 100mV to 750 V	Similar or equivalent
DCI, ACI ranges	DCI: 10 mA to 3 A	
	ACI: 10 mA to 3 A	
2&4 wire resistance ranges	100 ohm to 100 Mohm	
Other measurements	Frequency, capacitance, diode test, continuity test	





#### 2.9: 20-Channel Multiplexer (2/4-Wire) Module for 34970A/34972A (3 units)

The 34901A module for the 34970A/34972A data acquisition/switch unit is the most versatile multiplexer for general purpose scanning.

- 20-channel multiplexer
- Two- and four-wire scanning
- 300 V switching
- 60 ch/s scanning
- Built-in thermocouple reference junction
- 2 fused inputs to route up to 1 ampere of current to the internal DMM
- Picture (similar or equivalent)



#### 3.0: Alignment Laser Diode (1 unit)

- Output power 1mW
- Wavelength 635 nm
- Beam diameter 3 x 1 mm
- Colour Red
- Length 36 mm
- Manually focusable
- Laser class CDRH: Illa
- Correct power supply: 5V 2A DC
- Picture (similar or equivalent)







#### Please take note of the following very important matters:

- The validity period of the Warranty should be  $\geq$  12 months for the equipment quoted.
- The Supplier must give a Technical Datasheet for each item quoted.
- The equipment quoted should be serviceable within South Africa.
- The price should include delivery to Hermanus in the Western Cape, and delivery should be within 6-8 weeks of the purchase order being received from SANSA.





#### C. 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 R1 million (all applicable taxes included) and therefore the **80/20** system shall be applicable.

Please Note: the above amount (R1 million) is not the budgeted amount for this project, but it is the Treasury threshold for written price quotations.

The procedure for the evaluation of responsive tenders is **Price**, **Functionality(quality)** and **Preference** method.

Bids will be evaluated in terms of the 80/20 preference points systems, where the 80 points will be used for price only and the 20 points will be awarded to a bidder for attaining the specific goals in accordance with the Table below.

#### 1. Preference

Specific goals for this RFP and number of points are indicated as per table 1 below. Proof of the specific goals below must be attached and submitted with the bid document to qualify for the preference points (specific goals).

## Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

#### Table1: Specific Goals and points

The specific goals allocated points in terms of this RFQ	Number of points	Number of points	
	allocated	claimed	
	(80/20 system)	(80/20 system)	
B-BBEE Status Level of Contributor	(To be completed by	(To be completed by	
	the organ of state)	the tenderer)	
1	20		
2	18		
3	14		





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4	12	
5	8	
6	6	
7	4	
8	2	
Non-compliant contributor	0	
Total Points (Specific Goals)	20	

## 2. Eligibility Criteria

To be eligible for the price and preferencing evaluation, the bidder must submit the

following as per table 2 below.

If there is **"No"** on the Table 2 below, the bidder who didn't submit the required document (s) with their bid will be requested in writing to submit them within three (3) working days for inclusion in the Bid Evaluation Committee item, if a bidder fails to submit on the 3<sup>rd</sup> working day, the relevant bid will be rejected.

#### Table 2: Eligibility Criteria

	Attached	
Criteria	(Yes/No)	Comments
CSD Registration Summary Report with		
a compliant tax status.		
Proposal with supporting specification		
sheets and technical datasheet		
showing that the products meet the		
specifications.		





## 3. Quality or Functionality:

Score will be tabulated to 100 points. Respondents must score **80 points** and over to be assessed on their financial offer (Price) and preference (specific goals) score.

#### Table 3. Quality/Functionality Criteria

Criteria	Maximum Points
Company Experience.	50
Trade References.	50
Total evaluation points for quality (functionality).	100

#### **Evaluation Criteria 1:**

Company experience in supplying of Electronic Test and Measurements Equipment.

#### **Description**:

The service provider should submit a brief company profile indicating their experience in supplying the above-mentioned products or similar, including the number of years they have been active. Web links are acceptable if the company has a developed website. See table below.

**Company Experience:** Please attach company profile and indicate number of years' experience in the industry.

Item	Please Circle acc	ordingly
I have attached my company profile	Yes	No
Company Webpage (insert address) URL:	Yes	No
Number of years' experience in supplying, Test, and measurement equipment.	Between 3 to 5 years	>5 years





Score	Criteria	
Poor	The bidder has not submitted a company profile OR weblink	
(score = 0)	indicating years of experience in supplying the above-	
	mentioned products OR the bidding company has less than 3	
	years of experience in the market. Either of the above will result	
	in a score of zero (o).	
Satisfactory	The supplier has presented a company profile OR weblink	
(score = 30)	showing evidence that it can meet the scope of work and ha	
	between 3 to 5 years of experience in supplying the above-	
	mentioned products.	
Good	The supplier has presented a company profile OR weblink	
(score = 50)	showing evidence that it can meet the scope of work and has	
	more than 5 years of experience in supplying the above-	
	mentioned products.	

#### Evaluation criteria 2: Trade References

**Description:** The supplier should provide at least five (5) contactable references in the table below to whom goods of a similar nature (laboratory and measurement equipment) have been supplied during the last five (5) years.

Score	Criteria	
Poor	No customer references have been provided.	
(score = 0)		
Satisfactory	The supplier submitted four (4) contactable references, whom	
(score = 30)	goods of similar nature have been provided during the last 5	
	years.	
Good	The supplier submitted five (5) or more contactable references,	
(score = 50)	whom goods of similar nature have been supplied in the last 5	
	years.	





Company	Year of supply	Description of	Total Value of	e-mail	Phone number
Name		Equipment	supply (R)		





## D. PRICING SCHEDULE

#### **Pricing Instructions**

- 1. The Bidder must price all items.
- 2. Rates are to include all costs with no unspecified cost to allow for a fair evaluation.
- 3. Payment will be made based on the deliverables (proven progress) for the services rendered/goods received.
- 4. Payment will only be made based on invoices provided.
- 5. Offer to be valid for 30 days from the bid closing date.

DESCRIPTION	Quantity	AMOUNT (EXCL VAT)
Dual-channel Lab power supplies, 0- 32 V, 0 – 3A, 2-outputs	3	
1:1 isolating instrument transformers	3	
Soldering station plus soldering iron	2	
Handheld oscilloscope 2-ch	1	
1Amp 200V source meter, ±200 mV to ±200V, 1-Channel, ±1uA to ±1A, 20W Output	1	
Digital Bench Oscilloscope, 4 Analogue Channels, 70MHz	1	
Soldering Accessory Soldering Iron Stand, for use with Soldering Stations	3	
Digital Multi-meter with DC Power Supply, True RMS, 3A ac Max, 3A dc Max, 750V ac Max	1	
34901A 20-Channel Multiplexer (2/4- Wire) Module for 34970A/34972A	3	
Alignment Laser Diode	1	
Any other costs (please specify)		
TOTAL AMOUNT (EXCLUDING VAT)		
VAT (15%)		
TOTAL AMOUNT (INCLUDING VAT)		





## E. SPECIAL CONDITIONS

- a) Quotations to be returned to B Mdodana <u>bmdodana@sansa.org.za</u>
- b) The service provider shall commit to post support where and when required by SANSA.
- c) Contract will not be awarded unless supplier is registered on the Central Supplier Database. A supplier registration summary with a compliance tax status must be submitted with the proposal. Potential suppliers should contact SANSA should they require assistance in registering on the CSD) before the closing date of the bid.
- d) The offices of SANSA are situated at the following address:

SANSA Hospital Street Hermanus 7200

## F. TIMELINES

The successful service provider must be in the position to provide the goods/service within 6-8 weeks after the purchase order has been issued by SANSA.

## G. SUPPORTING DOCUMENTATION AND MINIMUM CRITERIA

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

- a. Proof of specific goals must be submitted to qualify for preference points (specific goals).
- b. Quotation must reflect a cost breakdown, where applicable, prices quoted must be inclusive of VAT.
- c. All pages of quotation must be signed by the authorised person.
- d. SANSA has the right to withdraw any quotation at any time within the validity of the quotation.
- e. SANSA reserves the right to invite bidders to present their bid proposals for final decision or visit the bidders' premises as part of the evaluation process.

## H. DECLARATION

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

i) 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,





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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.
- iv) confirms that the contents of this questionnaire/forms (SBD 49) 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 (<u>http://www.treasury.gov.za/divisions/ocpo/sc/generalconditions/</u>)

Signed	Date
Name	 Position
Enterprise name	 

#### **BID CONDITIONS**

#### 1. Disgualification

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.





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## COMPLIANCE WITH PROTECTION OF PERSONAL INFORMATION ACT, 2013 (ACT NO. 4 OF 2013) ("POPIA")

1. The Constitution guarantees citizens the right to privacy, including the right not to have the privacy of their communications infringed.

2. POPIA aims to promote the protection of privacy through the application of its guiding principles for the processing of personal information in a context-sensitive manner.

#### Committed to your Privacy

3. SANSA fully comprehends that your personal and company information is valuable to you; your privacy is just important to SANSA. SANSA commits to safeguarding and lawfully processing your personal information.

#### Purpose for Processing your Personal Information

4. SANSA collects, holds, uses and discloses your personal information mainly to provide you with access to its services. SANSA will only process your personal information for a purpose you would reasonably expect, including:

• Complying with any legal and regulatory requirements such as contract agreements, etc.

- Confirming, verifying and updating your details.
- Invoicing or paying you to ensure payment and tax compliance.

5. SANSA may collect your personal information which may include your first name and last name, company name and its registration number, identity numbers, email address, physical or postal address, other contact information, banking details, etc.

#### Consent to Disclose and Share your Personal Information

6. SANSA may need to share your personal information, with third parties, to provide advice, and/or services. Where SANSA shares your personal information, it will take all reasonable precautions to ensure that the third party will treat your personal information with the same level of protection as required by SANSA.

#### **Request and Access to your Personal Information**

7. Should you require further information on this or have any concerns about how your personal information is processed or used; you can contact SANSA's Information Officer: on popi\_paia@sansa.org.za.

8. You can request access to the personal information SANSA has on you at any time. If you think that SANSA has outdated information, you may request to update or correct it. You can also opt-out and request the removal of your personal information at any time. If





there are any lawful reasons for requiring SANSA to retain any information, SANSA will advise so.

9. PLEASE TAKE NOTE that your personal information is securely hosted on infrastructure / system managed by SANSA. SANSA assures you that your information will not be shared for any marketing or promotional purposes without your consent.

10. SANSA will continue to manage, monitor, refine and develop policies, processes and systems. This will ensure that SANSA takes every practical and reasonable step(s) to ensure data protection, is in line with POPIA.