



Quotation Advert

Opening Date: 2019-07-22 

Closing Date: 2019-07-29 

Closing Time: 11:00

INSTITUTION DETAILS


Institution Name: Head Office Quotations

Province: KwaZulu-Natal

Department or Entity: Department of Health

Division or section: Central Supply Chain Management

Place where goods / services is required: DR PIXLEY KA ISAKA SEME MEMORIAL HOSPITAL

Date Submitted: 2019-07-18 

ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ:
324/19/20-H

Item Category: Goods

Item Description: THE SUPPLY AND DELIVERY OF ANALYSER ELECTRICAL SAFETY

Quantity (if supplies)

COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Select...

Date: 

Time:

Venue:

QUOTES CAN BE COLLECTED FROM: 310 Jabu Ndlovu Street, Old Boys School Model, Pietermaritzburg

QUOTES SHOULD BE DELIVERED TO: 310 Jabu Ndlovu Street, Old Boys School Model, Pietermaritzburg, 3201

ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

Name: Nomonde Ngidi

Email: nomonde.ngidi@kznhealth.gov.za

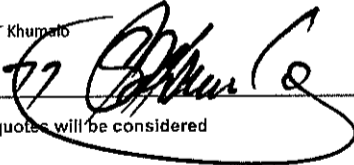
Contact Number:

033 815 8387

Finance Manager Name:

LT Khumalo

Finance Manager Signature:



A handwritten signature in black ink, appearing to read 'LT Khumalo', is written over a horizontal line. The signature is enclosed in a large, hand-drawn oval.

No late quotes will be considered

OFFICIAL PRICE PAGE FOR QUOTATIONS

ZNQ NUMBER: 324/19/20-H

DESCRIPTION: THE SUPPLY AND DELIVERY OF ANALYSER ELECTRICAL SAFETY

SIGNATURE OF BIDDER DATE.....
 [By signing this document I hereby agree to all terms and conditions]

CAPACITY UNDER WHICH THIS QUOTE IS SIGNED.....

Item No	Quantity	Description	Brand & model	Country of manufacture	Price	
					R	c
1	2	Analysers, Electrical Safety				
		NB:KINDLY COMPLETE THE SPECIFICATION ATTACHED				
VALUE ADDED TAX @ 14% (Only if VAT Vendor)						
TOTAL QUOTATION PRICE (VALIDITY PERIOD 60 Days)						

Does This Offer Comply With The Specification?	Does The Article Conform To The S.A.N.S. / S.A.B.S. Specification? (if applicable)
Is The Price Firm?	State Delivery Period E.G. 1day, 1week

<p>Enquiries regarding the quote may be directed to:</p> <p>Contact Person: Nomonde Ngidi Tel: 033 815 8387</p> <p>E-Mail Address: Nomonde.ngidi@kznhealth.gov.za</p>	<p>Enquiries regarding technical information may be directed to:</p> <p>Contact Person: NISHAN SINGH Tel: 033 846 7478</p> <p>E-Mail Address: Nishan.singh@kznhealth.gov.za</p>
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DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, 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 quote (includes a price quotation, advertised competitive quote, limited quote or proposal). In view of possible allegations of favouritism, should the resulting quote, 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; 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 quote(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 quote.
2. In order to give effect to the above, the following questionnaire must be completed and submitted with the quote.

- 2.1. Full Name of bidder/representative.....
 2.2. Identity Number: 2.4. Company Registration Number:
 2.3. Position occupied in the Company (director, trustee, shareholder?); 2.5. Tax Reference Number:
 2.6. VAT Registration Number:

2.7. The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below. [TICK APPLICABLE]

2.8. Are you or any person connected with the bidder presently employed by the state? YES NO

2.8.1. If so, furnish the following particulars:
 Name of person / director / trustee / shareholder/ member:
 Name of state institution at which you or the person connected to the bidder is employed:.....
 Position occupied in the state institution:Any other particulars:.....

2.8.2. If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? YES NO

2.8.2.1. If yes, did you attach proof of such authority to the quote document? YES NO

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the quote.)

2.8.2.2. If no, furnish reasons for non-submission of such proof:

2.9. Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months? YES NO

2.9.1. If so, furnish particulars:.....

2.10. Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this quote? YES NO

2.10.1. If so, furnish particulars:.....

2.11. Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this quote? YES NO

2.11.1. If so, furnish particulars:.....

2.12. Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract? YES NO

2.12.1. If so, furnish particulars:.....

3. Full details of directors / trustees / members / shareholders.
 NB: The Department Of Health will validate details of directors / trustees / members / shareholders on CSD. It is the suppliers' responsibility to ensure that their details are up-to-date and verified on CSD. If the Department cannot validate the information on CSD, the quote will not be considered and passed over as non-compliant according to National Treasury Instruction Note 4 (a) 2016/17.

4 DECLARATION

I, THE UNDERSIGNED (NAME).....CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2.

I ACCEPT THAT THE STATE MAY REJECT THE QUOTE OR ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
 Name of bidder Signature Position Date

¹State 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.

²Shareholder means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

SPECIAL CONTRACT CONDITIONS OF QUOTATIONS

1. AMENDMENT OF CONTRACT

- 1.1. Any amendment to or renunciation of the provisions of the contract shall at all times be done in writing and shall be signed by both parties.

2. CHANGE OF ADDRESS

- 2.1. Bidders must advise the Department of Health (institution where the offer was submitted) should their address (*domicilium citandi et executandi*) details change from the time of bidding to the expiry of the contract.

3. GENERAL CONDITIONS ATTACHED TO THIS QUOTATION

- 3.1. The institution is under no obligation to accept the lowest or any quote.
- 3.2. The price quoted must include VAT (if VAT vendor). However, it must be noted that the department reserves the right to evaluate all quotations excluding VAT as some bidders may not be VAT vendors.
- 3.3. The bidder must ensure the correctness & validity of quote:
(i) *that the price(s), rate(s) & preference quoted cover all for the work/item (s) & accept that any mistakes regarding the price (s) & calculations will be at the bidder's risk*
- 3.4. The bidder must accept full responsibility for the proper execution & fulfilment of all obligations conditions devolving on under this agreement, as the Principal (s) liable for the due fulfilment of this contract.
- 3.5. This quotation will be evaluated based on the 80/20 points system, specification & correctness of information. All required documentation must be completed in full and submitted.
- 3.6. Offers must comply strictly with the specification.
- 3.7. Only offers that meet or are greater than the specification will be considered.
- 3.8. Late quotes will not be considered.
- 3.9. Expired product/s will not be accepted. All products supplied must be valid for a minimum period of six months.
- 3.10. A bidder not registered on the Central Suppliers Database or verification has failed will not be considered.
- 3.11. All delivery costs must be included in the quote price, for delivery at the prescribed destination.
- 3.12. Only firm prices will be accepted. Such prices must remain firm for the contract period. Non-firm prices (including rates of exchange variations) will not be considered.
- 3.13. In cases where different delivery points influence the pricing, a separate pricing schedule must be submitted for each delivery point.
- 3.14. In the event of a bidder having multiple quotes, only the cheapest according to specification will be considered. Furthermore a verification will be done to identify if bidders have multiple companies and are quoting (cover-quoting) for this bid. In such instances only the cheapest bid according to specification will be considered.

4. SPECIAL INSTRUCTIONS AND NOTICES TO BIDDERS REGARDING THE COMPLETION OF THIS QUOTATION.

- 4.1. Unless inconsistent with or expressly indicated otherwise by the context, the singular shall include the plural and vice versa and with words importing the masculine gender shall include the feminine and the neuter.
- 4.2. Under no circumstances whatsoever may the quotation/bid forms be retyped or redrafted. Photocopies of the original bid documentation may be used, but an original signature must appear on such photocopies.
- 4.3. The bidder is advised to check the number of pages and to satisfy himself that none are missing or duplicated.
- 4.4. Quotation submitted must be complete in all respects.
- 4.5. Any alteration made by the bidder must be initialled.
- 4.6. Use of correcting fluid is prohibited
- 4.7. Quotation will be opened in public as soon as practicable after the closing time of quotation.
- 4.8. Where practical, prices are made public at the time of opening quotations.
- 4.9. If it is desired to make more than one offer against any individual item, such offers should be given on a photocopy of the page in question. Clear indication thereof must be stated on the schedules attached.

5. SPECIAL INSTRUCTIONS REGARDING HAND DELIVERED QUOTATIONS

- 5.1. Quotation shall be lodged at the address indicated not later than the closing time specified for their receipt, and in accordance with the directives in the quotation documents.
- 5.2. Each quotation shall be addressed in accordance with the directives in the quotation documents and shall be lodged in a separate sealed envelope, with the name and address of the bidder, the quotation number and closing date indicated on the envelope. The envelope shall not contain documents relating to any quotation other than that shown on the envelope. If this provision is not complied with, such quotations/bids may be rejected as being invalid.
- 5.3. All quotations received in sealed envelopes with the relevant quotation numbers on the envelopes are kept unopened in safe custody until the closing time of the quotation/bids. Where, however, a quotation is received open, it shall be sealed. If it is received without a quotation/bid number on the envelope, it shall be opened, the quotation number ascertained, the envelope sealed and the quotation number written on the envelope.

- 5.4. A specific box is provided for the receipt of quotations, and no quotation found in any other box or elsewhere subsequent to the closing date and time of quotation will be considered.
- 5.5. No quotation/bid sent through the post will be considered if it is received after the closing date and time stipulated in the quotation documentation, and proof of posting will not be accepted as proof of delivery.
- 5.6. Quotation documents must not be included in packages containing samples. Such quotations may be rejected as being invalid.

6. SAMPLES

- 6.1. In the case of the quote document stipulating that samples are required, the supplier will be informed in due course when samples should be provided to the institution. (This decreases the time of safety and storage risk that may be incurred by the respective institution). The bidders sample will be retained if such bidder wins the contract.
 - (i) If a company/s who has not won the quote requires their samples, they must advise the institution in writing of such.
 - (ii) If samples are not collected within three months of close of quote the institution reserves the right to dispose of them at their discretion.
- 6.2. **Samples must be made available when requested in writing or if stipulated on the document.**
 - (i) If a Bidder fails to provide a sample of their product on offer for scrutiny against the set specification when requested, their offer will be rejected. All testing will be for the account of the bidder.

7. COMPULSORY SITE INSPECTION / BRIEFING SESSION

7.1. Bidders who fail to attend the compulsory meeting will be disqualified from the evaluation process.

- (i) The institution has determined that a compulsory site meeting take place
- (ii) Date / / Time : Place

Institution Stamp:	Institution Site Inspection / briefing session Official Full Name: Signature: Date:
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8. STATEMENT OF SUPPLIES AND SERVICES

8.1. The contractor shall, when requested to do so, furnish particulars of supplies delivered or services executed. If he/she fails to do so, the Department may, without prejudice to any other rights which it may have, institute inquiries at the expense of the contractor to obtain the required particulars.

9. SUBMISSION AND COMPLETION OF SBD 6.1

9.1. Should a bidder wish to qualify for preference points they must complete a SBD 6.1 document. Failure by a bidder to provide all relevant information required, will result in such a bidder not being considered for preference point's allocation. The preferences applicable on the closing date will be utilized. Any changes after the closing date will not be considered for that particular quote.

10. TAX COMPLIANCE REQUIREMENTS

- 10.1. In the event that the tax compliance status has failed on CSD, **it is the suppliers' responsibility to provide a SARS pin in order for the institution to validate the tax compliance status of the supplier.**
- 10.2. In the event that the institution cannot validate the suppliers' tax clearance on SARS as well as the Central Suppliers Database, **the quote will not be considered and passed over as non-compliant according to National Treasury Instruction Note 4 (a) 2016/17.**

11. TAX INVOICE

11.1. A tax invoice shall be in the currency of the Republic of South Africa and shall contain the following particulars:

- (i) the name, address and registration number of the supplier;
- (ii) the name and address of the recipient;
- (iii) an individual serialized number and the date upon which the tax invoice is issued;
- (iv) a description and quantity or volume of the goods or services supplied;
- (v) the official department order number issued to the supplier;
- (vi) the value of the supply, the amount of tax charged;
- (vii) the words tax invoice in a prominent place.

12. PATENT RIGHTS

The supplier shall indemnify the **KZN Department of Health** (hereafter known as the purchaser) against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

13. PENALTIES

- 13.1. If at any time during the contract period, the service provider is unable to perform in a timely manner, the service provider must notify the institution in writing/email of the cause of and the duration of the delay. Upon receipt of the notification, the institution should evaluate the circumstances and, if deemed necessary, the institution may extend the service provider's time for performance.
- 13.2. In the event of delayed performance that extends beyond the delivery period, the institution is entitled to purchase commodities of a similar quantity and quality as a substitution for the outstanding commodities, without terminating the contract, as well as return commodities delivered at a later stage at the service provider's expense.
- 13.3. Alternatively, the institution may elect to terminate the contract and procure the necessary commodities in order to complete the contract. In the event that the contract is terminated the institution may claim damages from the service provider in the form of a penalty. The service provider's performance should be captured on the service provider database in order to determine whether or not the service provider should be awarded any contracts in the future.
- 13.4. If the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance.

14. TERMINATION FOR DEFAULT

- 14.1. The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
 - (i) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract,
 - (ii) if the supplier fails to perform any other obligation(s) under the contract; or
 - (iii) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 14.2. In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services.
- 14.3. Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.

15. COMPULSORY ADMINISTRATIVE REQUIREMENTS

- 15.1 Service Providers must be fully registered with National Treasury Central Supplies Database (CSD).
- 15.2 The declaration of Interest (SBD 4) forms must be fully completed and attached with quotation document.
- 15.3 The prospective bidder/s to fill all particulars given in the official price page.
- 15.4 The prospective bidder/s is required to fill Sworn Affidavit Forms as promulgated by DTI or alternatively submit original BBBEE certificate accredited by SANAS or certified copy.
- 15.5 Valid Tax Clearance Certificate and pin code for verification with South African Revenue Services (SARS).

N.B: FAILURE TO COMPLY WITH ABOVE WILL RESULT IN YOUR QUOTE BEING PASSED OVER.

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all quotes invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all quotes:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and

1.2 The value of this quote is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable.

1.3 Points for this quote shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this quote is allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the quote, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a quote is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **"B-BBEE status level of contributor"** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **"EME"** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **"functionality"** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **"prices"** includes all applicable taxes less all unconditional discounts;
- (h) **"proof of B-BBEE status level of contributor"** means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **"QSE"** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \text{ Where}$$

- P_s = Points scored for price of bid under consideration
- P_t = Price of bid under consideration
- P_{min} = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution 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

5. BID DECLARATION

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contributor: =(maximum of 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.)

7. SUB-CONTRACTING (Tick applicable box)

(Tick

YES		NO	
-----	--	----	--

7.1 Will any portion of the contract be sub-contracted?

7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....

8. Whether the sub-contractor is an EME or QSE

(Tick applicable box)

iv) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations,2017:

YES		NO	
-----	--	----	--

Designated Group: An EME or QSE which is at last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		

Any QSE		
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9. DECLARATION WITH REGARD TO COMPANY/FIRM

9.1 Name of company/firm:.....

9.2 VAT registration number:.....

9.3 Company registration number:.....

9.4 TYPE OF COMPANY/ FIRM [TICK APPLICABLE BOX]

- Partnership/Joint Venture / Consortium
- One person business/sole propriety
- Close corporation
- Company
- (Pty) Limited

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

9.6 COMPANY CLASSIFICATION [TICK APPLICABLE BOX]

- Manufacturer
- Supplier
- Professional service provider
- Other service providers, e.g. transporter, etc.

9.7 Total number of years the company/firm has been in business:.....

9.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution.

WITNESSES	
1.
2.

..... SIGNATURE(S) OF BIDDERS(S)	
DATE:
ADDRESS:

Revised: 19/11/2013

PROVINCE OF KWAZULU-NATAL
DEPARTMENT OF HEALTH
HEALTH TECHNOLOGY SERVICES

SPECIFICATION FOR:

UMDNS: 11399

AUTOMATED INTERNATIONAL ELECTRICAL SAFETY ANALYSER

SPECIFICATION: H.T.S. TE/06

Tenderer to Sign and Date every page

TECHNICAL SPECIFICATION:

Clause T1

The unit offered must provide one touch testing, which will allow the user to perform rapid safety tests on various medical devices, and must be very user friendly. The unit must provide electrical safety testing via automated (Onboard and/or PC Software driven) and manual modes for multiple safety standards tests that must meet **IEC60601-1** and help the user to easily perform a complete electrical safety test in accordance with **IEC60601-1** (Including 2nd and 3rd edition), **IEC62353**, VDE751 and ANSI/AAMI ES1 standards for medical equipment.

NB: Tenderer to state the method of automated testing (Onboard and/or PC software driven).

TENDERER'S COMMENTS:

Clause T2

The unit offered must provide user-programmable test sequences (Onboard and/or PC software driven).

NB: Tenderer to state the method offered.

TENDERER'S COMMENTS:

Clause T3

The unit must incorporate a built in **ECG** simulator, for **ECG** waveform simulation, with dual-lead measurement capability that combine the functionality of a simulator, multimeter and safety analyzer in a single test tool.

NB: Tenderer to state the number of ECG leads that can be simulated.

TENDERER'S COMMENTS:

Clause T4

The unit must incorporate a display, which must display test results in the English language and the display must provide clear viewing under all lighting conditions.

TENDERER'S COMMENTS:

Tenderer to Sign and Date every page

Clause T5

The unit must be able to automatically flag and warn of any parameter that is outside the allowable limit, based on the safety standard employed (Onboard and/or PC software driven).

NB: Tenderer to state the method offered.

TENDERER'S COMMENTS:

Clause T6

Upon completion of testing, the unit must be capable of storing test results, either onboard or via PC driven software, for data base storage and printing of test results for record keeping.

NB: Tenderer to state the methods used for producing a final printed copy of test results.

TENDERER'S COMMENTS:

Clause T7

The unit must operate off 220 Volt \pm 10%, 50hz single phase a.c. supply and be fused in **both the Live and Neutral**.

TENDERER'S COMMENTS:

Clause T8

The unit must be supplied with a suitable adapter of **S.A.B.S.** standard (15 amp 220 Volt a.c. power receptacle), which will accept 15 amp plug tops of the different equipment to be tested.

TENDERER'S COMMENTS:

Tenderer to Sign and Date every page

Clause T9

The unit must be supplied with a soft carry case and the unit must be fully portable.

TENDERER'S COMMENTS:

Clause T10

Specification of the unit being tendered for must be as follows:

Clause T10.1

Volts:

T10.1.1 Range: minimum range of 0 Volts to 300 Volts ac rms.

T10.1.2 Accuracy: the accuracy must not exceed a maximum of $\pm 8\%$ of reading.

TENDERER'S COMMENTS:

Clause T10.2

Insulation Resistance:

T10.2.1 Range: minimum range of 0,5 to 100 Mega Ohms.

T10.2.2 Accuracy: the accuracy must not exceed a maximum of $\pm 8\%$ of reading.

TENDERER'S COMMENTS:

Clause T10.3

Protective Earth Continuity and Test Current:

T10.3.1 P.E Range: typically 0.0 to 0,2 Ohms and testing current of **25A** ac (IEC60601-1) and/or **200mA** ac (IEC62353).

T10.3.2 Accuracy: accuracy must not exceed a maximum of $\pm 5\%$ of reading.

NB: Tenderer to state the method employed. The possibility to perform both methods will be an advantage.

TENDERER'S COMMENTS:

Tenderer to Sign and Date every page

Clause T10.4

Equipment Current Consumption:

T10.4.1 Range: minimum range of 0 to 15 amp.

T10.4.2 Accuracy: must not exceed a maximum of $\pm 5\%$ of reading.

TENDERER'S COMMENTS:

Clause T10.5

Leakage Current / IEC60601-1; AAMI:

T10.5.1 Range: minimum range of 0 to 8,000uA.

N.B. Accuracy must be stated by the tenderer.

TENDERER'S COMMENTS:

Clause T10.6

Waveform Simulation:

T10.6.1 Normal sinus rhythm:

Minimum range selection between 30 and 240bpm.

TENDERER'S COMMENTS:

T10.6.2 Performance Waves:

Pulse of typically 30 and 60bpm.

Sine wave of typically 10 to 100 Hz.

Square wave of typically (50% duty cycle) 0,125 and 2Hz.

TENDERER'S COMMENTS:

Tenderer to Sign and Date every page

Clause T11

Mains on Applied Part (MAP) must generate a signal of at least 100% (IEC60601-1 and IEC62353) of incoming mains power before applying it to the selected applied part.

N.B. The signal must be applied with both normal and reversed polarity.

TENDERER'S COMMENTS:

Clause T12

All internal electrical components must be protected against liquid leaks and liquid splashes.

TENDERER'S COMMENTS:

Clause T13

The unit must have a communication port / connectivity (Wired or Wireless), which will enable connection to a PC for automation test software and firmware upgrades.

NB: Tenderer to state the name/make of Automation Test Software. The price must be added to the schedule of optional accessories.

TENDERER'S COMMENTS:

Clause T14

The automation test software, used with the unit, must be able to integrate with various Computerised Maintenance Management System (CMMS) software's, which is an advantage for future implementation.

NB: Tenderer to provide the name and make of various CMMS programs currently compatible with the unit.

TENDERER'S COMMENTS:

Tenderer to Sign and Date every page

Clause T15

The successful tenderer must undertake to provide the Health Technology Unit – Clinical Engineering’s in house technicians, comprehensive training on the use of the device tendered for, in order that the technicians must become fully acquainted with the full technical support capability of this unit.

TENDERER’S COMMENTS:

Clause T16

Tenderer to indicate if they have a local calibration / repair facility to perform repairs or calibration of the device being tendered for, and tenderer to specify the location of this facility in South Africa.

TENDERER’S COMMENTS:

Clause T17

Tenderer must ensure that all accessories required for the full functioning of the device and carrying out tests by this device must be included as part of the unit, at no extra price, in order that the unit tendered for could be put to immediate use and the price inclusive of **V.A.T.** for those accessories must be included in the final tender price.

TENDERER’S COMMENTS:

Clause T18

Tenderer to state the frequency of calibration required for the tendered device and the approximate cost of each calibration.

TENDERER’S COMMENTS:

Tenderer to Sign and Date every page

SCHEDULE OF OPTIONAL ACCESSORIES

Tenderers must quote the price of the optional accessories and items listed as well as any other accessories that may be useful to the end users. The receiving Institutions may purchase individual accessories necessary for their particular Institution.

Cat No	Item	Price including VAT

Tenderer to Sign and Date every page

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DETAILED TECHNICAL SPECIFICATION

GENERAL INFORMATION REQUIRED

FAILURE TO COMPLETE THIS PART WILL DISQUALIFY THE TENDERER

Make: _____

Model Number /Part Number for: _____

Country of Origin _____

Price of: _____

Local (Durban) Agent _____

Delivery Period _____

R S A Import Permit Holder _____

TENDERER _____

SIGNATURE _____ DATE _____

ADDRESS _____

TELEPHONE NO. _____ FAX NO. _____

Tenderer to Sign and Date every page