



# Quotation Advert

**Opening Date:** 2019-07-29

**Closing Date:** 2019-08-05

**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** 2019-07-29

## ITEM CATEGORY AND DETAILS

**Quotation Number:** ZNQ:  
321/19/20-H

**Item Category:** Goods

**Item Description:** Analyser,Defibrillator

**Quantity (if supplies)** 2

## COMPULSORY BRIEFING SESSION / SITE VISIT

**Select Type:** Select..

**Date :**

**Time:**

**Venue:**

**QUOTES CAN BE COLLECTED FROM:** 310 Jabu Ndlovu Street,Pietermaritzburg,3201 or email to Rachel.phiri@kznhealth.gov.za or Hayden.cupido@kznhealth.gov.za

**QUOTES SHOULD BE DELIVERED TO:** 310 JabuNdlovu Street,Old Boys School Model,Pietermaritzburg

## 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:**

Mr D Dlamini

**Finance Manager Signature:**



---

No late quotes will be considered





**DECLARATION OF INTEREST**

1. Any legal person, including persons employed by the state<sup>1</sup>, 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: .....
- 2.3. Position occupied in the Company (director, trustee, shareholder<sup>2</sup>): .....
- 2.4. Company Registration Number: .....
- 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?

*(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 |
|----------------|-----------|----------|------|

<sup>1</sup>"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);<br>b) any municipality or municipal entity; | c) provincial legislature;<br>d) national Assembly or the national Council of provinces; or<br>e) Parliament. |
|---|---|

<sup>2</sup>"Shareholder" 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<br><br>Full Name: .....<br><br>Signature: .....<br><br>Date: ..... |
|--------------------|--|

**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         |
| <b>Total points for Price and B-BBEE must not exceed</b> | <b>100</b> |

- 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<sub>s</sub> = Points scored for price of bid under consideration
- P<sub>t</sub> = Price of bid under consideration
- P<sub>min</sub> = 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 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<br>√ | QSE<br>√ |
|---|----------|----------|
| 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 |  |  |
|---------|--|--|

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.

|   |
|---|
| <p><b>WITNESSES</b></p> <p>1. ....</p> <p>2. ....</p> |
|---|

|  |
|--|
| <p>.....</p> <p><b>SIGNATURE(S) OF BIDDERS(S)</b></p> <p>DATE: .....</p> <p>ADDRESS.....</p> <p>.....</p> <p>.....</p> |
|--|

**Revised: 19/11/2013**

**PROVINCE OF KWAZULU-NATAL**  
**DEPARTMENT OF HEALTH**  
**HEALTH TECHNOLOGY SERVICES**

**SPECIFICATION FOR:**

**UMDNS: 11127**

**ANALYSER DEFIBRILLATOR – BUILT IN E.C.G. SIMULATOR AND  
EXTERNAL PACER TESTER**

**SPECIFICATION: H.T.S. – TE/01**

*Tenderer to Sign and Date every page*

SPECIFICATION: H.T.S. TE/01  
ANALYSER DEFIBRILLATOR – BUILT IN E.C.G. SIMULATOR AND EXTERNAL PACER TESTER  
REVISED: 19/11/2013  
Page 1 of 9

**TECHNICAL SPECIFICATION:**

**Clause T1**

The unit offered must be an auto ranging Defibrillator Analyser which must include a built in **12-Lead ECG Simulator** and also a built in **External Non-Invasive Pacer Tester** capable of displaying test verification data.

**TENDERER'S COMMENTS:**

**Clause T2**

The Analyser offered must be as versatile as possible, portable and must be suitable for testing and verifying all makes and models of Defibrillators, including various AED's, and must be supplied with a carry case.

**TENDERER'S COMMENTS:**

**Clause T3**

The Analyser offered must be user friendly with a menu key interface allowing quick access to all tests.

**TENDERER'S COMMENTS:**

**Clause T4**

The Analyser must have a reasonable size display for display of test values in the English Language and this display must be clearly visible under all lighting conditions.

**TENDERER'S COMMENTS:**

**Clause T5**

The Analyser must be capable of measuring delivered energy from all different technologies of Defibrillators (Monophasic, biphasic and pulsed-biphasic defibrillation technology), in watt seconds (joules) with a simulated resistance of typical 50 Ohm impedance.

**TENDERER'S COMMENTS:**

***Tenderer to Sign and Date every page***

**Clause T6**

The Analyser must be able to measure Sync time.

**TENDERER'S COMMENTS:**

---

---

---

**Clause T7**

The Analyser must be able to generate waveforms as follows:

- T7.1 Normal sinus rhythm 30, 60, 80, 120, 200 and 250 beats per minute.
- T7.2 Sinewave 10, 40, 50, 60 and 100 hertz.
- T7.3 Arrhythmias –
  - Atrial Fibrillation
  - Atrial Flutter
  - Atrial Tachycardia
  - Ventricular Fibrillation (Coarse and Fine)
  - Supraventricular Tachycardia
  - Atrial PAC
  - Multifocal PVC's
  - Asystole

NB: Tenderer to state how many Arrhythmias can be simulated.

**TENDERER'S COMMENTS:**

---

---

---

**Clause T8**

The Analyser offered must deliver waveform outputs via 12-lead ECG integrated posts and also paddle plate adapters.

**TENDERER'S COMMENTS:**

---

---

---

**Clause T9**

The Analysers built in Pacer Tester, with preferable Pacer brand selection, must measure and display, pulse rate, pulse width, current, energy and refractory periods with a selectable input load of typical 50 Ohm to 1000 Ohm.

**TENDERER'S COMMENTS:**

---

---

---

*Tenderer to Sign and Date every page*

**Clause T10**

The unit offered must have an accuracy of  $\pm 1.5\%$  at auto range reading of 1 – 600 joules.

**TENDERER'S COMMENTS:**

**Clause T11**

**The Analyser must be able to make output power measurements at:**

T11.1 Voltage Range: 50V to 5000V.

**TENDERER'S COMMENTS:**

**Clause T12**

**The Analyser must be able to make output power measurements at:**

T12.1 Current Range: 1A to 100A.

**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/waveform upgrades.

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

**TENDERER'S COMMENTS:**

***Tenderer to Sign and Date every page***

**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:**

---

---

---

---

---

---

---

---

---

---

**Clause T15**

The Analyser offered must have an **optional** external Test Load that provides multiple impedance loads of 25  $\Omega$ , 50  $\Omega$ , 75  $\Omega$ , 100  $\Omega$ , 125  $\Omega$ , 150  $\Omega$ , 175  $\Omega$ , and 200  $\Omega$  to comply with IEC 60601-2-4 Standard. The description, price and catalogue number must be clearly stated on the schedule.

**TENDERER'S COMMENTS:**

---

---

---

**Clause T16**

Tenderer to indicate which consumables and non-consumable items are required for the normal operation and standard maintenance of the offered Analyser and tenderer to specify the cost of these items on the attached schedule should this Clause be applicable. The description, price and catalogue numbers must be clearly stated on the schedule.

**TENDERER'S COMMENTS:**

---

---

---

---

**Clause T17**

Tenderer to specify what the approximate present calibration cost on the offered Analyser will be, and the frequency of the calibration required for the tendered Analyser.

**TENDERER'S COMMENTS:**

---

---

---

---

***Tenderer to Sign and Date every page***



**Clause 18**

All electrical components of the Analyser must be modular and its design shall be such that liquid splashes will not gain entry into the internal workings / P.C. Boards.

**TENDERER'S COMMENTS:**

---

---

---

**Clause T19**

The Analyser must be able to operate from both 220 Volt 50hz single phase a.c. supply and battery power and the tenderer must state whether the 220 Volt power supply is internal or external.  
Tenderer must supply the external 220 Volt a.c. supply where it is required. Tenderer to also specify, the type of battery required for the operation of the unit and whether the battery is rechargeable or non-rechargeable.  
**If the battery is of the disposable type, tenderer must also state the type of batteries used and the duration of operation it will provide.**

**TENDERER'S COMMENTS:**

---

---

---

**Clause T20**

The successful tenderer must undertake to provide the Health Technology Unit – Clinical Engineering's in house Technicians comprehensive training on the tendered product to ensure that the Technicians become fully acquainted with the Technical support capability of this Analyser.

**TENDERER'S COMMENTS:**

---

---

---

**Clause T21**

Tenderers to note that all accessories required for the Analyser must be included with the Analyser, at no extra cost, in order that the analyser could be put to immediate use.

**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

# 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. \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_  
(PLEASE PRINT)

*Tenderer to Sign and Date every page*