



# KZN Health Intranet

KZN HEALTH

HOME CORPORATE INFORMATION COMPONENTS DIRECTORY DISTRICT OFFICES HEALTH FACILITIES

KZN Health > Components > Supply Chain Management

## AdvertQuote



## Quotation Advert

Opening Date: 2021-06-09 11:00

Closing Date: 2021-06-17 21:00

Closing Time: 11:00

### INSTITUTION DETAILS

Institution Name: King Edward VIII hospital

Province: KwaZulu-Natal

Department or Entity: Department of Health

Division or section: Central Supply Chain Management

Place where goods / services is required: Intensive Care Unit

Date Submitted: 2021-06-09

### ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ: KEV206/21-22

Item Category: Goods

Item Description: Intermittent Haemodialysis machine

Quantity (if supplies): 1 unit

### COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Not Applicable

Date:

Time:

Venue:

QUOTES CAN BE COLLECTED FROM: Quote attached to the advert

QUOTES SHOULD BE DELIVERED TO: King Edward Hospital tender box (please do not email quote)

### ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

Name: Sibongile Ngcobo

Email: sibongile.ngcobo@kznhealth.gov.za

Contact Number: 031-3603869

Finance Manager Name: Mrs V. Mtshato

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..... 2.4. Company Registration Number: .....
- 2.2. Identity Number: ..... 2.5. Tax Reference Number: .....
- 2.3. Position occupied in the Company (director, trustee, shareholder<sup>2</sup>):..... 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
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<sup>1</sup>“State” means –

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>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);</li> <li>b) any municipality or municipal entity;</li> </ul> | <ul style="list-style-type: none"> <li>c) provincial legislature;</li> <li>d) national Assembly or the national Council of provinces; or</li> <li>e) Parliament.</li> </ul> |
|---|---|

<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  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. 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
<b>PRICE</b>	80
<b>B-BBEE STATUS LEVEL OF CONTRIBUTOR</b>	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:

$$Ps = 80 \left( 1 - \frac{Pt - P \text{ min}}{P \text{ min}} \right) \text{ Where}$$

- Ps = Points scored for price of bid under consideration
- Pt = Price of bid under consideration
- Pmin = 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)

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

YES	NO
-----	----

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 least 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		

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.

<b>WITNESSES</b>
1. ....
2. ....

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



# PROVINCE OF KWAZULU-NATAL

## DEPARTMENT OF HEALTH

# HEALTH TECHNOLOGY SERVICES (H.T.S.)

### SPECIFICATION FOR:

UMDNS: 11218

DIALYSIS MACHINE (HIGH – LEVEL WITH OPTIONS)

SPECIFICATION: H.T.S. NO. M9C (MECHANICAL)

NO	SPECIFICATION	STATE YES OR NO
Clause G1	The bidder is required to quote for a Type 'A' (Maintenance and Service Agreement) to cater for the Maintenance and Planned Preventative Maintenance that will become effective at the end of the Guarantee period.	
	Refer to Section 2: Maintenance and Service Agreement.	
Clause G2	The Service Agreement offered must be a comprehensive covering all Periodical Maintenance, service calls, spare parts and travelling. A Type 'A' Agreement is available on request and it is the responsibility of the bidder to ensure that they are familiar with the terms of the Agreement.	
Clause G3	<b>GUARANTEE:</b> All Equipment, Materials and Workmanship provided under this Contract must be Guaranteed for a minimum period of twelve (12) Months. The successful bidder must arrange with both the respective Hospital / Institution and the Health Technology Services before Commissioning the equipment at the respective Hospital / Institution. The bidder to note that the Guarantee period must only take effect upon	

*Bidder to Sign and Date every Page*

	successful Commissioning at the respective Hospital / Institution and successful test and acceptance by the Health Technology Services.	
<b>Clause G4</b>	State the Guarantee Period.	
<b>Clause G5</b>	The recommended number of services, per annum, by the manufacturer, must be included during and up until the end of the guarantee period and all costs related to the provision of such service/s will be for the bidders account. The bidder must state the number of services that will be provided during and up to the end of the guarantee period.	
<b>Clause G6</b>	Travelling and Travelling Time must be included during the Guarantee Period?	
<b>Clause G7</b>	Spares that may be required during the Guarantee Period will be at the expense of the bidder.	
<b>Clause G8</b>	Downtime during the Guarantee must extend the Guarantee time on a Day-to-Day basis.	
<b>Clause G9</b>	The successful bidder must Supply, Deliver, Commission and install the equipment and will be required to demonstrate the product to the applicable Staff at the Institution and costs for the abovementioned must be included in the final bid price.	
<b>Clause G10</b>	<b>USER TRAINING:</b> Training must be provided by the successful bidder in the operation of the unit at no extra cost to the final bid price to this Department. Bidders must detail the Training that would be offered and indicate who would offer the Training.	
<b>Clause G11</b>	Bidders must offer the Health Technology Service's In House Technicians a demonstration of the product, which will enable the Health Technology Service's In House Technicians to become acquainted with the equipment during the Test and Acceptance phase.	
<b>Clause G12</b>	Preference may be given to a make and model that has been technically and clinically evaluated by a Government Institution within the R.S.A. (Attach proof of evaluation where applicable).	
<b>Clause G13</b>	The successful bidder must provide the Health Technology Service's in house Technicians, full training in the calibration, maintenance, service and repair of the quoted product. N.B. The quality and level of the training must be equivalent to the manufacturer's original factory training and any costs incurred to provide this training will be for the bidders account. A Certificate of Competency must be issued on completion of the training. The training must be provided by the successful bidder within three months from date of initial supply and delivery of the quoted equipment to the customer.	
<b>Clause G14</b>	<b>SERVICING:</b> The bidder must state if they have their own service and repair facility in KwaZulu-Natal to service, repair and calibrate the equipment quoted on.	
<b>Clause G15</b>	Bidder's must have an established service and repair facility in the Province of KwaZulu-Natal. If the service is subcontracted to a local service agent, a signed copy of the letter of appointment and acceptance must be submitted with this bid / quotation.	
<b>Clause G16</b>	Supply the Name, Address and Telephone Number/s of the Service Department.	
<b>Clause G17</b>	State if the Technician(s) are in the direct employ of the bidder.	
<b>Clause G18</b>	The bidder must state how many technicians they have permanently working in KwaZulu-Natal and their names and contact numbers must be listed.	
<del><b>Clause G19</b></del>	<del>Technician(s) must be qualified and factory or factory equivalent trained to deal with the service, repair and calibration of the equipment quoted on.</del>	

**Bidder to Sign and Date every Page**

SPECIFICATION: H.T.S. M9C (MECHANICAL)

REVISED: 12/02/2007

Page 2 of 19

	N.B. Proof of factory (or equivalent) training must be submitted with this bid / quotation offer.	
Clause G20	The bidder must Guarantee that no additional equipment will be required for the successful operation of the equipment quoted for. A starter pack of all essential accessories must be supplied so that the unit can be put into immediate operation. The cost of the starter pack must be included in the bid price.	
Clause G21	Optional accessories must be quoted for separately on the Quotation Schedule at the end of this Technical specification, indicating Prices inclusive of V.A.T.	
Clause G22	Bidder must state the period of time for delivery of spare parts following the receipt of an official order.	
Clause G23	If the complete range of spares is not kept in KwaZulu-Natal, state where these are available in the R.S.A.	
Clause G24	Spares will be available for _____ years.	
Clause G25	Supply a reference of Machines currently in Government or Non-Government Institutions.	
Clause G26	<b>The successful bidder must include in their offer at no extra cost to the final bid price:</b> Complete Operation / Maintenance Manual x 2 (two) Book / File or CD copies in English Language. Complete ORIGINAL Service / Repair Manual x 2 (two) Book / File or CD copies in English Language which MUST include the following information: Fault Finding Guide, Circuit Diagrams / Schematics, Circuit Descriptions, and PCB Layouts, Calibration Guide, Part Numbers and exploded diagram of Mechanical Parts / Panels. All the above Manuals must be properly bound in either a Book, File or CD form.	
Clause G27	Can this equipment be upgraded? If so, give details and a breakdown of the costs on the bid / quotation Schedule.	
Clause G28	Does your Company have an After Sales infrastructure?	
Clause G29	If the equipment is taken away for repairs, will a loan set be supplied for use by the Institution?	
Clause G30	Bidder's must state the lifespan of the equipment.	
Clause G31	Will the Technology of this equipment change in the near future. 1 – 6 months 6 – 12 months 12 – 24 months 24 – 48 months.	
Clause G32	How long has your Company been in existence?	
Clause G33	How long has your Company been the Agent for this type of equipment?	
Clause G34	Bidder's must attach Descriptive original colour Pamphlets of the equipment offered.	
Clause G35	The bidder must be prepared to provide a unit for technical evaluation and clinical assessment on request, at short notice i.e. within five working days. Bidders that are unable to provide a unit on request within five working days, will not be considered.	

**Bidder to Sign and Date every Page**

Clause G36	The successful bidder must arrange for an acceptance test of the equipment with the Head of the Health Technology Services at Wentworth. A completed Certified copy of this Specification must be submitted with the equipment when the <b>ACCEPTANCE TEST</b> is to be undertaken.	
Clause G37	Where Equipment quoted for operates off 220 Volt, 50Hz a.c. supply, bidder must ensure that the product being quoted for is fitted with a 15 Amp <b>SABS</b> approved mains plug top, which is held together by two screws.	
Clause G38	The unit must comply with an acceptable International electrical Safety Standard such as <b>IEC 60601-1 and 60601-1-2</b> for Medical Equipment.	
Clause G39	Units being quoted for must be <b>CE</b> or <b>SABS</b> Certified. Attach a copy of certification.	
Clause G40	The Mains Cable of the unit being quoted for must be the Hospital Grade Type and it must be a minimum length of (3) three metres. N.B. The mains cable of the unit being quoted for must be <b>S.A.B.S.</b> colour coded.	
Clause G41	The equipment being quoted for must be protected against Electro magnetic interference.	
Clause G42	Refurbished and reconditioned equipment being quoted on will not be accepted.	
Clause G43	Bidders must note that dedicated test equipment, spare parts and any special tooling required for the upkeep and maintenance of the equipment quoted on must be made available to the Health Technology Services.	
Clause G44	All the necessary calibration and maintenance software, where applicable, required to maintain and calibrate the equipment, must be supplied with the equipment to the Health Technology Services at no extra cost to the final bid price.	
Clause G45	Bidders must note that answers must be provided to every clause in this Bid Specification e.g. <b>YES</b> or <b>NO</b> and where there are deviations, these deviations must be clearly specified. The space provided under "Bidder's Comments" for each clause must be used for this purpose. Bidders who neglect to provide answers to every Clause in this Bid Specification will be disqualified. Bidders must note that abbreviated answers e.g. <b>N/A</b> etc is not acceptable.	
Clause G46	Bidders must note that no part of any Clauses in this Bid Specification may be altered. Where there are traces of alterations found to any Clauses in this Bid Specification during Adjudication, the Adjudication Committee will reserve the right to disqualify the bidder.	
Clause G47	Makes of equipment being quoted for which in the past had proven to be expensive to maintain, or which have had an unacceptable long down time, due to a long delay in the supply of spares ordered from the Supplier / Sole Agent of the equipment or makes of equipment that have been subjected to poor / unacceptable turn around time when the equipment was sent to the Supplier / Sole Agent for repair and / or service <b>WILL NOT BE CONSIDERED.</b>	
Clause G48	<b>N.B. HAZARDOUS SUBSTANCE ACT:</b> If this type of equipment / apparatus appears on the schedule of Hazardous Substances issued by the Directorate: Health Technology of the Department of Health, a licence in terms of the Act on Hazardous Substances (Act. 15/1973) must be submitted with this bid document. The licence must be registered under the bidders name or a letter of joint venture must be submitted by the licence holder where the licence is not in the name of the bidder. Bidders that neglect to submit a licence will not be considered.	

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SPECIFICATION: H.T.S. M9C (MECHANICAL)

REVISED: 12/02/2007

Page 4 of 19



## **TECHNICAL SPECIFICATION.**

### **Clause T1**

The machine must mix acetate-based dialysate concentrate with water in the standard ratio of 1:34.

#### **BIDDER'S COMMENTS:**

### **Clause T2**

Bicarbonate dialysis facility must mix bicarbonate based concentrate with the acid component and water in the standard ratio of 1,83:1:34. Alternatively if a non-standard ratio is used tenderers must state source and availability of concentrate required?

#### **BIDDER'S COMMENTS:**

### **Clause T3**

The machine must incorporate an operator selectable dialysate concentration adjustable mode within safe limits.

#### **BIDDER'S COMMENTS:**

### **Clause T4**

The machine must control dialysate flow at 500ml per minute. The bidder must state adjustable dialysate flow range.

#### **BIDDER'S COMMENTS:**

### **Clause T5**

The machine must heat dialysate as required and this must be continuously adjustable with high and low visual and audible alarms. Operator adjustable range required between  $\pm 36^{\circ}\text{C}$  and  $\pm 40^{\circ}\text{C}$ .

#### **BIDDER'S COMMENTS:**

*Bidder to Sign and Date every Page*

**Clause T6**

A cut-out circuit must prevent dialysis at temperatures above 40°C.

**BIDDER'S COMMENTS:**

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**Clause T7**

The temperature of the dialysate must be indicated visually accessible and adjustable by the user. Calibrated in °C.

**BIDDER'S COMMENTS:**

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**Clause T8**

The machine must adequately de-aerate dialysate by means of a negative pressure system. Heat based de-aeration is not acceptable.

**BIDDER'S COMMENTS:**

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**Clause T9**

The dialysate mixing must always be checked continuously and automatically by a temperature compensated conductivity measuring system before being supplied to the dialyser.

**BIDDER'S COMMENTS:**

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**Clause T10**

Conductivity alarms must be activated at  $\pm 0,5\text{mS/cm}$  deviation from pre-set values.

**BIDDER'S COMMENTS:**

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***Bidder to Sign and Date every Page***

**Clause T11**

A pre-set, fail-safe, back-up conductivity alarm must operate at  $\pm 5\%$  variation.

**BIDDER'S COMMENTS:**

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**Clause T12**

When conductivity or temperature alarm conditions occur the dialysate supply must at the same time automatically bypass the dialyser.

**BIDDER'S COMMENTS:**

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**Clause T13**

The machine must be able to be sterilised by chemical means as well as by heat.

**BIDDER'S COMMENTS:**

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**Clause T14**

Bidder must state recommended chemical sterilising agent, as well as length of sterilising, dwell and rinse cycle with respective sterilising agents.

**BIDDER'S COMMENTS:**

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**Clause T15**

Sterilant port and connectors must be corrosion proof.

**BIDDER'S COMMENTS:**

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*Bidder to Sign and Date every Page*

**Clause T16**

A calibrated clear sterilant container with the necessary connections must be supplied with the machine.

**BIDDER'S COMMENTS:**

**Clause T17**

The bidder must state availability of simple test kits for assessing adequate removal of sterilant.

**BIDDER'S COMMENTS:**

**Clause T18**

The bicarbonate facility must incorporate a de-calcification mode for cleaning the system after bicarbonate dialysis.

**BIDDER'S COMMENTS:**

**Clause T19**

The machine must incorporate a dialysate shunt safety interlock by-pass system to prevent accidental dialysis during sterilisation.

**BIDDER'S COMMENTS:**

**Clause T20**

A transmembrane pressure meter with audible and visual alarms is required rating from + 60mmHg to – 500mmHg. The reason for the + 60mmHg is that if the pressure goes positive, past the 0mmHg point, this will indicate back filtration across the dialyser.

**BIDDER'S COMMENTS:**

*Bidder to Sign and Date every Page*

**Clause T21**

The machine must automatically perform volumetrically ultrafiltration requirements based on data entered by operator, e.g. desired mass loss in kilograms or ultrafiltration goal in millilitres and time in hours.

**BIDDER'S COMMENTS:**

**Clause T22**

The machine must display fluid loss in millilitres or mass loss in kilograms, as well as the current ultrafiltration rate in, e.g. millilitres per hour.

**BIDDER'S COMMENTS:**

**Clause T23**

The machine must incorporate operator selectable sequential ultrafiltration and dialysis.

**BIDDER'S COMMENTS:**

**Clause T24**

The machine must retain data on the current treatment in event of a power failure.

**BIDDER'S COMMENTS:**

**Clause T25**

It must be possible to recalculate or re-adjust for additional fluid loss requirements during the course of treatment.

**BIDDER'S COMMENTS:**

*Bidder to Sign and Date every Page*

**Clause T26**

Arterial pressure must be measured either pre-blood pump from 200 to  $\pm 100$ mmHg or post-blood pump from  $\pm 50$  to 600mmHg, with adjustable high and low audible and visual alarms.

**BIDDER'S COMMENTS:**

**Clause T27**

Venous pressure must be measured from  $\pm 0$  to 500mmHg with adjustable high and low audible and visual alarms.

**BIDDER'S COMMENTS:**

**Clause T28**

An infra-red blood leak detector with audible and visual alarms must be incorporated in the system.

**BIDDER'S COMMENTS:**

**Clause T29**

The bidder must state sensitivity of blood leak detector in millilitre per litre dialysate.

**BIDDER'S COMMENTS:**

**Clause T30**

A blood leak alarm condition must switch off the blood pump and by-pass dialysate flow from the dialyser. It must be possible to override this alarm for a maximum of  $\pm 30$  seconds at a time.

**BIDDER'S COMMENTS:**

*Bidder to Sign and Date every Page*

**Clause T31**

The machine must incorporate roller type blood pumps, with operator removable heads to facilitate cleaning.

**BIDDER'S COMMENTS:**

**Clause T32**

The facility for double needle, single pump dialysis must be available.

**BIDDER'S COMMENTS:**

**Clause T33**

The facility for continues single needle dialysis must be available in the form of a double pump system.

**BIDDER'S COMMENTS:**

**Clause T34**

The bidder must state whether the single needle dialysis system requires different types of bloodline sets.

**BIDDER'S COMMENTS:**

**Clause T35**

The flow meter on the blood pump must indicate blood flow rate from minimum  $\pm 0$  to 500ml per minute.

**BIDDER'S COMMENTS:**

*Bidder to Sign and Date every Page*

**Clause T36**

The blood must allow changing from paediatric to adult bloodlines without physically changing the roller pump.

**BIDDER'S COMMENTS:**

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**Clause T37**

The blood pump head must incorporate a handle for manual pumping during power failure.

**BIDDER'S COMMENTS:**

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**Clause T38**

The bidder must state availability and priming volume of both standard adult and paediatric bloodline sets.

**BIDDER'S COMMENTS:**

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**Clause T39**

A dose controlled heparin infusion pump facility must be standard.

**BIDDER'S COMMENTS:**

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**Clause T40**

If heparin infusion facility is required it must be possible to upgrade the standard machine to incorporate a dose-controlled heparin infusion pump capable of continuous variable infusion rate, using standard disposable 10, 20 or 30 millilitre syringes. The bidder must state size and availability of syringes required.

**BIDDER'S COMMENTS:**

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*Bidder to Sign and Date every Page*



**Clause T41**

The machine must incorporate an ultrasonic air-foam detector with automatic venous bloodline clamp and blood pump stop with audible and visual alarms.

**BIDDER'S COMMENTS:**

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**Clause T42**

The ultrasonic detector output must be in a safe range in order to prevent cellular damage.

**BIDDER'S COMMENTS:**

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**Clause T43**

The machine must incorporate an integral final water filter of 5 micron, which must be visible to the operator.

**BIDDER'S COMMENTS:**

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**Clause T44**

The bidder must state minimum and maximum incoming water pressure required.

**BIDDER'S COMMENTS:**

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**Clause T45**

The machine must incorporate a microprocessor based error detection system with visual display and audible alarms.

**BIDDER'S COMMENTS:**

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*Bidder to Sign and Date every Page*

**Clause T46**

An audible and visual alarm must indicate power and water pressure failure.

**BIDDER'S COMMENTS:**

**Clause T47**

The unit offered must be modular in design in order to facilitate the upgrading of the unit when required and allow the unit to be customized for specified treatment modalities.

**BIDDER'S COMMENTS:**

**Clause T48**

State what operations or systems are covered by the error detection system.

**BIDDER'S COMMENTS:**

**Clause T49**

Visual error display must be numerical error codes or key words on a suitable display screen, and must be visible from reasonable angle and distance and under normal lighting conditions.

**BIDDER'S COMMENTS:**

**Clause T50**

The machine must be capable of resisting corrosion, especially dialysate concentrate. Leak proof seals in the machine casing must protect electronic components.

**BIDDER'S COMMENTS:**

***Bidder to Sign and Date every Page***

**Clause T51**

The machine or trolley must incorporate an adjustable drip stand with at least two hoods to hold intravenous fluid containers.

**BIDDER'S COMMENTS:**

**Clause T52**

The machine or trolley must incorporate a quick release universal capillary dialyser and plate dialyser clamp holder capable of rotating through 360°.

**BIDDER'S COMMENTS:**

**Clause T53**

The castors of the machine or trolley must include brakes.

**BIDDER'S COMMENTS:**

**Clause T54**

**The following parameters with alarm limits must be monitored:**

- T54.1 Positive venous pressure.
- T54.2 Negative arterial pressure.
- T54.3 Blood flow rate per minute. At least 30 – 500ml/min.
- T54.4 Temperature of the dialysate.
- T54.5 Air detection. The air detector must have a clamp below the venous pressure chamber, which must activate immediately in the event of an air embolism.
- T54.6 Conductivity of the dialysate.
- T54.7 Dialysate flow rate.
- T54.8 Ultra filtration pressure.
- T54.9 Various types of bicarbonate must be visible to be used with the machine.
- T54.10 There must be a built-in device for lowering or raising the blood level in the venous chamber.

**BIDDER'S COMMENTS:**

*Bidder to Sign and Date every Page*

**Clause T55**

**During dialysis the following information must be available:**

T55.1 Time elapsed since beginning the dialysis.

**BIDDER'S COMMENTS:**

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**Clause T56**

**The facility to offer at least four (4) of the following modalities must be available as an option:**

- T56.1 Online KT/V monitoring.
- T56.2 Blood volume censoring.
- T56.3 Non-invasive blood pressure monitoring.
- T56.4 Blood temperature monitoring.
- T56.5 Haemo(dia)filtration in pre or post-dilution.
- T56.6 Second blood pump for SN dialysis.

**BIDDER'S COMMENTS:**

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**Clause T57**

The unit offered must incorporate a cumulative graphical display of all treatment data.  
Bidder must state type of display offered on the unit being quoted for and the size must be stated.

**BIDDER'S COMMENTS:**

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**Clause T58**

The unit must comply with IEC 601-2-16- Particular requirements for hemodialysis Equipment.

**BIDDER'S COMMENTS:**

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***Bidder to Sign and Date every Page***

**Clause T59**

The unit must operate from 220 Volt  $\pm$  10% 50hz single phase a.c. supply and the unit must be fused in **both the LIVE and NEUTRAL**

**BIDDER'S COMMENTS:**

**Clause T60**

The unit must incorporate a service hour meter.

**BIDDER'S COMMENTS:**

**Clause T61**

Bidders must provide a schedule of all disposable and consumable items that will be necessary for the operation of the unit. The schedule must include the correct description, part / catalogue numbers and cost inclusive of **V.A.T.**

**BIDDER'S COMMENTS:**

***Bidder to Sign and Date every Page***



# DETAILED TECHNICAL SPECIFICATION

## GENERAL INFORMATION REQUIRED

**FAILURE TO COMPLETE THIS PART WILL DISQUALIFY THE BIDDER**

Make:

\_\_\_\_\_

Model Number / Part Number for:

\_\_\_\_\_

Country of Origin

\_\_\_\_\_

Final Bid / Quotation Price inclusive of V.A.T.

\_\_\_\_\_

Local (KwaZulu-Natal) Agent

\_\_\_\_\_

Delivery Period

\_\_\_\_\_

R S A Import Permit Holder

\_\_\_\_\_

BIDDER

\_\_\_\_\_

SIGNATURE

\_\_\_\_\_

DATE

\_\_\_\_\_

ADDRESS

\_\_\_\_\_

\_\_\_\_\_

TELEPHONE NO.

\_\_\_\_\_

FAX NO.

\_\_\_\_\_

CONTACT PERSON

(PLEASE PRINT)

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SPECIFICATION: H.T.S. M9C (MECHANICAL)

REVISED: 12/02/2007

Page 19 of 19

