



Quotation Advert

Opening Date: 2020-07-29

Closing Date: 2020-08-07

Closing Time: 11:00

INSTITUTION DETAILS

Institution Name: Imbalenhle CHC

Province: KwaZulu-Natal

Department or Entity: Department of Health

Division or section: Central Supply Chain Management

Place where goods / services is required: Imbalenhle CHC

Date Submitted: 2020-07-28

ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ:
422/20-21

Item Category: Goods

Item Description: Supply and deliver Invasive ventilator with non-Invasive settings-
multiple ventilation modes, parameters displayed.
Spec. attached
Please note: Delivery to be in 30 days

Quantity (if supplies): 1 unit

COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Not Applicable

Date:

Time:

Venue:

QUOTES CAN BE COLLECTED FROM: document attached on the internet

QUOTES SHOULD BE DELIVERED TO: Imbalenhle CHC

ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

Name: P. Zwane






Email: nosihle.ngubo@kznhealth.gov.za

Contact Number: 033 398 9109/9153

Finance Manager Name: C.K.B. Molefe

Finance Manager Signature: 

No late quotes will be considered

 Submit |  Save |  Save As... |  Close |  Print Preview

[Print this page](#)

Note:

1. The completed Quotation Advert must be printed and signed by the Finance manager.
2. A signed copy of the Quotation Advert must be scanned and emailed to web administration: webmaster@kznhealth.gov.za for uploading to the department website.
3. N.B if the scanned copy emailed to web Administration is not a signed copy (by the finance manager), the advert/award WILL NOT be uploaded.

Site Updated:28 July, 2020, 10:26 am

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Contact the Web Administrator

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..... 2.4. Company Registration Number:
- 2.2. Identity Number: 2.5. Tax Reference Number:
- 2.3. Position occupied in the Company (director, trustee, shareholder²):..... 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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¹"State" means --

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

²"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 no 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
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:

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

- 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	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

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	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

Designated Group: An EME or QSE which is at least 51% owned by:	EME √	QSE √
Black people	<input type="checkbox"/>	<input type="checkbox"/>
Black people who are youth	<input type="checkbox"/>	<input type="checkbox"/>
Black people who are women	<input type="checkbox"/>	<input type="checkbox"/>
Black people with disabilities	<input type="checkbox"/>	<input type="checkbox"/>
Black people living in rural or underdeveloped areas or townships	<input type="checkbox"/>	<input type="checkbox"/>
Cooperative owned by black people	<input type="checkbox"/>	<input type="checkbox"/>
Black people who are military veterans	<input type="checkbox"/>	<input type="checkbox"/>
OR		
Any EME	<input type="checkbox"/>	<input type="checkbox"/>
Any QSE	<input type="checkbox"/>	<input type="checkbox"/>

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: 21/04/2017

PROVINCE OF KWAZULU-NATAL

DEPARTMENT OF HEALTH

HEALTH TECHNOLOGY SERVICES (H.T.S.)

SPECIFICATION FOR:

Ventilator – Advanced Adult ICU Ventilator

UMDNS: 17429

SPECIFICATION: H.T.S A77 (ANAESTHETICS)

Description:

An advanced I.C.U. ventilator suitable for long-duration ventilation of adult patients remaining within the ICU.

Intended Areas of Use:

T1 and T2 Hospitals
Quaternary hospitals

Expert Advisory Group:

Anaesthesia
Critical Care

NB: GENERAL CLAUSES THAT DO NOT APPLY TO THE EQUIPMENT OFFERED, MUST BE ANSWERED 'NOT APPLICABLE' UNDER BIDDERS COMMENTS.

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
Clause G1	<p>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. N/A etc. will not be accepted.</p> <p>Bidders must also note that no part of any clause/s 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. The Bidder must clearly indicate if their offered product complies with the stated requirements, by indicating, "Complies" or "Does not comply" or answer the question next to the corresponding clause.</p>	
Clause G2	All responses must be clear and legible.	
Clause G3	GUARANTEE:	
Clause G3.1	<p>All Equipment, Materials and Workmanship provided under this Contract must be Guaranteed for a minimum period of twenty four (24) Months. The successful bidder must arrange with 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 successful Commissioning at the respective Hospital / Institution and successful test and acceptance by the Health Technology Services.</p>	
Clause G3.2	State percentage guaranteed up time of machine (Should be at least 99%).	
Clause G3.3	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.	
Clause G3.4	The bidder must state the number of services that will be provided during and up to the end of the guarantee period.	
Clause G3.5	Any breakdown during the guarantee period must include all cost (spares, labour, travelling and sundries) for any prescribed maintenance services (major and minor) as well as any QA testing that is required by Department Health's Radiation Control Board during the guarantee period.	
Clause G3.6	Travelling and Travelling Time costs must be included during the Guarantee Period?	
Clause G3.7	Spares that may be required during the Guarantee Period will be supplied at the expense of the bidder.	
Clause G3.8	Downtime during the Guarantee Period must extend the Guarantee time on a Day-to-Day basis.	
Clause G3.9	Any repetition (twice or more) of the same type of fault that first occurred during the guarantee period must be considered as a repair under guarantee if it occurs within the first year after the expiry of the guarantee period.	
Clause G3.10	The same guarantee conditions must apply to replacement units.	
Clause G4	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. In case where the unit need to be simulated at a designated Simulation Site, Bidder must deliver the unit at no extra cost. Random inspection will be conducted upon delivery to verify quality against specification	
Clause G5	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.	

Clause G6	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).	
Clause G7	The successful bidder must provide the Health Technology Service's in house Technicians, full training in the calibration, maintenance, service and repair of the product down to PCB Level. 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 to the Health Technology Services within three months from date of initial supply and delivery of the equipment to the end user.	
Clause G8	SERVICING:	
Clause G8.1	The bidder must have a well established service and repair facility in KwaZulu-Natal, to service, repair and calibrate the equipment offered. (The Health Technology Services reserves the right to inspect the premises).	
Clause G8.2	If the service is subcontracted to a local service agent, a signed copy of the letter of appointment by the bidder and acceptance by the subcontractor must be submitted with this bid / quotation. (The Health Technology Services reserve the right to inspect the premises).	
Clause G8.3	State Number of other medical equipment "Repair & Service" Agencies (excluding your Agency) represented by the subcontractor.	
Clause G8.4	Supply the Name, Address and Telephone Number/s of the Local Service Department within KwaZulu-Natal. Please supply details as follows: Company name : _____ Physical Address : _____ _____ Telephone Number/s : _____ Fax number : _____ _____ (The Health Technology Services reserves the right to inspect the premises).	
Clause G8.5	State if the Technician(s) are in the direct employ of the bidder or a subcontractor.	
Clause G8.6	The bidder must supply information on the number of Technicians permanently working in KwaZulu-Natal and their names and contact Telephone Number/s must be listed (Directly employed or subcontracted) in an annexure to the bid document.	
Clause G8.7	The Technician(s) must be original equipment manufacturer trained to deal with the service, repair and calibration of the equipment quoted on. N.B. Proof of original equipment manufacturer training must be submitted with this bid / quotation offer.	
Clause G8.8	The Institution's requirement is that a technician is available within a reasonable time (24 hours) to attend to malfunctioning equipment. The Bidder to state the technician per install base e.g. equipment ratio to technician ratio, e.g. 1 technician per 10 pieces of equipment.	
Clause G9	The bidder must Guarantee that no additional equipment will be required for the successful operation of the equipment bided for on delivery and commissioning at the customers site. A starter pack of all essential accessories and disposables must be supplied so that the unit can be put	

	into immediate operation. The cost of the starter pack must be included in the final bid price.	
Clause G10	Optional accessories must be offered for separately on the Schedule of optional accessories found at the end of this Technical specification, indicating catalogue numbers, correct descriptions and Prices inclusive of V.A.T.	
Clause G11	Bidder must state the period of time for delivery of Spare parts following the receipt of an official order as follows: 0 to 10 days; 0 to 20 days; 0 to 30 days; 0 to 60 days; 0 to 90 days; more than 90 days.	
Clause G11.1	The Bidder must supply with this offer a list together with the quantities of spares held locally in stock in the KwaZulu-Natal Province on the offered product. The Health Technology Services reserves the right to inspect the premises to verify the spares stock held.	
Clause G12	The bidder must include a firm commitment in writing, which must be attached with this bid that they would supply spares, components, upgrades, complete original service / repair manual, technical support and ongoing training support for technical staff of the Health Technology Services and the end users Department of Health, KwaZulu-Natal throughout the life cycle of the equipment offered.	
Clause G13	Spares must be available for 10 (Ten) years from the original equipment manufacturer for the product offered.	
Clause G14	The successful bidder must include in their offer at no extra cost to the final bid price:	
Clause G14.1	Complete user Operation / Maintenance Manual x 2 (two) Book / File; CD; DVD copies in English Language.	
Clause G14.2	Complete ORIGINAL Service / Repair Manual x 2 (two) Book / File; CD; DVD 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.	
Clause G14.3	All the above Manuals must be properly bound in either a Book, File or CD form.	
Clause G14.4	The Bidder must supply all software (including software-keys and / or passwords) to allow for trouble shooting (faultfinding), maintenance, calibrations, repairs and services at no additional cost.	
Clause G15	Does your Company have an after hour service back up facility.	
Clause G16	If the equipment is taken away for repairs, a loan set must be made available on request to the end user by the Institution until the Institution's unit is returned. All costs incurred for providing the loan unit must be for the bidders account.	
Clause G17	Bidder must bid on the latest model and Technology that fully complies with this Technical Specification.	
Clause G17.1	The Bidder must state how long this technology has been commercially available (state when the model offered was launched).	
Clause G17.2	The bidder must state if there are any near future updates expected.	
Clause G18	The successful bidder must maintain a system for notifying and providing users with Updates, Modifications, new Software Releases and Recalls.	
Clause G19	The successful bidders must arrange for an acceptance test of the equipment with the Manager of the Health Technology Services and the Hospital Manager. A copy of the original answered Specification, copy of the invoice order and relevant paperwork (PH form) from the receiving Hospital must be submitted with the equipment when the ACCEPTANCE TEST is to be undertaken.	
Clause G20	Where equipment bided for, operates off 220 Volt, 50Hz a.c. supply, bidder must ensure that the product being quoted for is fitted with a 15 Amp approved mains plug top, which is held together by two screws.	
Clause G21	The unit must comply with an acceptable International Electrical Safety Standard such as IEC 60601-1 and 60601-1-2 for Medical Equipment where the quoted equipment operates off an electrical supply.	

Clause G22	All equipment, the installation and any alteration / additions must comply with:	
Clause G22.1	The Occupational Health and Safety Act (1993);	
Clause G22.2	The wiring code S.A.N.S. 0142.	
Clause G23	Units being quoted for must be CE Certified. (Attach a copy of certification). The make and the model offered must be reflected on the certificate.	
Clause G24	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 S.A.N.S. colour coded.	
Clause G25	The equipment being quoted for must be protected against Electro magnetic Interference.	
Clause G26	Only new equipment must be quoted for. Refurbished and reconditioned equipment being quoted on will not be accepted.	
Clause G27	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 available to the Health Technology Services to procure if requested.	
Clause G28	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 G29	NB. HAZARDOUS SUBSTANCE ACT:	
Clause G29.1	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 license in terms of the Act on Hazardous Substances (Act. 15/1973) must be submitted with this bid document. The license must be registered under the bidders name or a letter of joint venture must be submitted by the license holder where the license is not in the name of the bidder. Bidders that neglect to submit a license will not be considered.	
Clause G29.2	Bidder must state the Radiation Control licence number of the make and model of equipment offered.	License No:
Clause G29.3	Where it has been established by the bidder that the equipment offered does not require Radiation Control licence, proof from the Radiation Control authority must be submitted with this bid document.	
Clause G30	The system offered must comply fully with or exceed all of the minimum specification requirements per the Technical Clauses.	
Clause G31	The offer submitted must be supported by descriptive literature, colour pamphlets, colour brochures and technical data sheets applicable to the offer (i.e. supporting information for all components of the system) must accompany the bid, failing which the bid will <u>not</u> be considered.	
Clause G32	The equipment and any accessories ordered from the successful bidder will be delivered, installed, tested, calibrated, demonstrated (including specified training) and commissioned in the specific Hospital at the expense of the successful Bidder, prior to full payment being made.	
Clause G33	All prices are to include V.A.T. and must be quoted in the South African currency. The price must be valid for a period of 180 days from closing date of bid.	
Clause G34	If the product offered is unknown to the Department, the Department reserves the right to have the unit evaluated by a team of Technical and Clinical <u>experts</u> with regards to its functionality, performance and quality. The decision of this committee will be used as a motivation for the evaluation and recommendation of the bid. For this reason a demonstration unit must be readily available, or the bidder must take arrange for demonstration with representatives of the Department for the equipment offered at a site within South Africa where a same make and model of unit is installed and is in full clinical operation. The cost of this site visit is for the account of the bidder and it must therefore not place any obligation on the Department to procure from the bidder.	
Clause G35	The Institution requesting the unit reserves the right to clinically trial and evaluate the unit in	

	order to ensure that the unit meets the clinical requirements of the Department before adjudication of the bid.	
Clause G36	UPGRADEABILITY WHERE APPLICABLE:	
Clause G36.1	Bidders are to state the policy with regard to future software updates and the costs that will be involved.	
Clause G36.2	The Bidder to state what hardware and software will be available, with costs and projected dates.	
Clause G37	UPGRADE POLICY:	
Clause G37.1	All future upgrades (hardware and software) involving <u>patient safety</u> must be offered at no additional cost.	
Clause G37.2	All future upgrades removing software viruses from existing software must be supplied at no cost.	
Clause G37.3	Any upgrade before or after installation of the equipment involving additional cost must be brought to the attention of the Manager, Health Technology Services.	
Clause G38	The Bidder must indicate the expected life of their offered unit and software in years.	

TECHNICAL SPECIFICATION.

NO	SPECIFICATION	STATE YES OR NO Give information or values where appropriate. Supply information on a separate sheet if space provided is inadequate.
Clause T1	<p>A bid is called for the supply, delivery and commissioning of an I.C.U. Ventilator incorporating the latest technology and primarily designed for long-duration ventilation of adult patients remaining within the ICU.</p> <p>The Advanced ICU ventilator must have appropriate ventilator modes and analysis tools to facilitate the ventilation of patients with complex lung pathologies.</p>	
Clause T2	<p>The unit must be capable of providing safe ventilation for</p> <ul style="list-style-type: none"> i) Adult patients ii) Paediatric patients iii) The inclusion <i>at no extra cost</i> of safe Neonatal ventilation capabilities would be considered an advantage as this would increase the flexibility of deployment of the device. <ul style="list-style-type: none"> • The bidder should define the applicable mass range, and enclose supplementary documentation to facilitate evaluation of the device for compliance with Neonatal ventilator specifications. • If Neonatal ventilation capacity is only available as an optional extra, prices of the required software and/or hardware should be listed in the schedule of optional accessories. 	<ul style="list-style-type: none"> i) ii) iii) <ul style="list-style-type: none"> • •
Clause T3	<p>System components</p> <p>The following components must be offered and must be included in the tender price.</p> <ul style="list-style-type: none"> i) Ventilator. ii) Trolley. iii) All essential accessories for an adult patient. iv) Starter pack of consumables for ventilator and monitoring devices of an adult patient v) Graphics package – including Graphics Monitor 	<ul style="list-style-type: none"> i) ii) iii) iv) v)
Clause T4	<p>Dimensions and construction</p> <ul style="list-style-type: none"> i) State the dimensions and mass of the ventilator without the trolley as well as the wheel base of the trolley Height of ventilator: Height on trolley: Width: Depth: Mass: Wheel base: End-users may specify appropriate maximum dimensions relevant to their specific applications ii) The material used for the construction of both ventilator and trolley must be corrosion resistant and suitable for use in an intensive care environment. iii) Ventilator must be well secured on to the trolley. State method used. iv) The trolley must be stable and suitable for moving the unit within the institution. v) Castors must be at least 100mm in diameter with a brake on at least two castors. 	<p>Height of ventilator: Height on trolley: Width: Depth: Mass: Wheel base:</p>

NO	SPECIFICATION	STATE YES OR NO Give information or values where appropriate. Supply information on a separate sheet if space provided is inadequate.
Clause T5	<p>The unit must comply with the following or most recent equivalent safety and quality standards</p> <ul style="list-style-type: none"> i) EN 794 – 1 Lung ventilation. ii) IEC 60601-1:2005/A1:2012 and 60601-1-2:2007 iii) IEC 60601-2-12. iv) ISO 10651. v) ISO 80601-2-12:2011 vi) IEC 60101 vii) FDA or CE certification viii) Hazardous Substances Act (Act 15 of 1973) ix) Occupational Health and Safety Act, 1993 x) SABC 0142 <p>Bidders must submit certification indicating which standards the unit meets.</p>	<ul style="list-style-type: none"> i) ii) iii) iv) v) vi) vii) viii) ix) x)
Clause T6	<p>Power and Batteries</p> <ul style="list-style-type: none"> i) The unit must operate off an Input voltage of 220Volt AC 50hz single phase allowing a variation of plus and minus 10%. ii) The unit offered must have a circuit interrupter in both the live and neutral. iii) Battery backup must be provided to operate the ventilator for a period of at least one hour. iv) Specify running time of new battery. v) State the battery recharging time from flat battery. vi) State number of recharging cycles of battery offered. (Battery life). 	<ul style="list-style-type: none"> i) ii) iii) iv) v) vi)
Clause T7	<p>Parameter setting must be user friendly and must include the following:</p> <ul style="list-style-type: none"> i) Ventilation frequency: Minimum range of 1 – 80 bpm. ii) Inspiratory time: Minimum range of 0.5 – 3.0 seconds. iii) Inspiratory Pressure: Minimum range of 0 – 80 cmH₂O. iv) PEEP: Minimum range of 0 – 40 cmH₂O. v) Tidal Volume capability: From minimum < 50 ml to maximum > 1900ml per breath. < 5 ml if Neonatal mode is offered vi) Peak Inspiratory Flow: > 90ℓ pm. (litres per minute) vii) Trigger sensitivity: Pressure or flow and must be user adjustable. Specify the range on the unit offered. viii) O₂ concentration: 21% – 100%. ix) Pressure Support Ventilation (PSV) or Assisted Spontaneous Breathing (ASB): 0 – 60cm H₂O. x) User adjustment of inspiratory-to-expiratory cycling parameter in PSV/ASB modes and for PSV breaths in SIMV modes xi) Inspiratory Rise time / Ramp Must be user adjustable Specify the range on the unit offered. xii) All the above settings must be electronically displayed on the Ventilator. xiii) The user must be able to program default start-up settings. xiv) User must be able to select whether to primarily set Inspiratory Time or I:E Ratio. 	<ul style="list-style-type: none"> i) ii) iii) iv) v) vi) vii) viii) ix) x) xi) xii) xiii) xiv)

NO	SPECIFICATION	STATE YES OR NO Give information or values where appropriate. Supply information on a separate sheet if space provided is inadequate.
Clause T8	<p>Essential Modes for ventilation via an endotracheal tube:</p> <ul style="list-style-type: none"> i) Volume ventilation, assist control. ii) Volume ventilation, SIMV + PSV. iii) Pressure ventilation, assist control. iv) Pressure Ventilation, SIMV + PSV. v) Pressure Ventilation with guarantee of set Tidal Volume*, Assist Control (*ventilator automatically adjusts inspiratory pressures to achieve set Tidal Volume) vi) Pressure Ventilation with guarantee of set Tidal Volume, SIMV + PSV vii) Spontaneous ventilation with Pressure support. viii) Pressure Support Ventilation with guarantee of set Tidal Volume ("Volume Support") ix) Continuous Positive Airway Pressure (CPAP) / PEEP only x) Apnoea backup ventilation in all spontaneous modes The user must be able to select and adjust the apnoea backup ventilation mode. xi) Bi-level" or "Airway-Pressure-Release Ventilation", with and without additional PSV. xii) A specific weaning support mode to facilitate and accelerate liberation of the patient from the ventilator. This mode should meet the requirements of the end-user. Examples of such modes could include (but are not limited to): <ul style="list-style-type: none"> • Systems for assessment and proportional reduction of work of breathing. • Systems for advanced assessment of respiratory muscle mechanics • Algorithm-based closed-loop systems, with automatic adjustment of ventilator rate and support. • Expert-system based systems for reduction of respiratory support. xiii) The bidder should provide detailed technical information, with relevant clinical references and outcome studies and motivation, of the specific mode offered. xiv) For each mode description listed above the state the corresponding nomenclature used on the device offered 	<ul style="list-style-type: none"> i) ii) iii) iv) v) vi) vii) viii) ix) x) xi) xii) xiii) xiv)
Clause T9	<p>Essential Modes for Non-Invasive Ventilation</p> <ul style="list-style-type: none"> i) For ventilation via facemask, hood or similar patient interface ii) Non-Invasive Continuous Positive Airway Pressure iii) Non-Invasive PSV iv) Any other modes included in the unit offered must be listed and stated. Clinical significance of other modes where applicable must be supported. v) Provide details of the <i>leak compensation</i> and <i>leakage alarm adjustments</i> that are applied in the Non-Invasive Ventilation modes. vi) Describe the apnoea detection systems 	<ul style="list-style-type: none"> i) ii) iii) iv) v) vi)
Clause T10	<p>The ventilator must include the following functions:</p> <ul style="list-style-type: none"> i) Pre-Oxygenation feature. ii) Inspiratory Hold. iii) Expiratory Hold. iv) Adjustable alarm volume. v) Suction window. vi) Manual breath. vii) Measurement of intrinsic Positive End Expiratory Pressure (PEEP-i). viii) Endotracheal tube resistance compensation ix) Calculation of predicted body mass based on patient height 	<ul style="list-style-type: none"> i) ii) iii) iv) v) vi) vii) viii) ix)

NO	SPECIFICATION	STATE YES OR NO Give information or values where appropriate. Supply information on a separate sheet if space provided is inadequate.
Clause T11	<p>The ventilator must include the following prioritized audible and visible alarms:</p> <p>State the parameters of all the alarm settings.</p> <ul style="list-style-type: none"> i) Power supply failure. ii) Low battery. iii) Gas supply failure iv) High / Low minute volume. v) Variable Apnea alarm. vi) High / low PEEP / base line. vii) High / low Fractional Inspired Oxygen (FiO2) viii) High Breath rate. ix) High / low Paw. x) Patient-circuit disconnect alarm. xi) Fail to cycle. xii) Incompatible settings. xiii) Maximum 2 minute alarm silence. xiv) Alarm silence and reset must be separate functions. xv) Audible alarm volume control must be provided. 	<ul style="list-style-type: none"> i) ii) iii) iv) v) vi) vii) viii) ix) x) xi) xii) xiii) xiv) xv)
Clause 12	<p>Pneumatic gas sources – Piped Oxygen and Medical Air</p> <p>The unit must be supplied with hoses of at least 3 metres that are colour coded to the requirements of the South African Bureau of Standards and must be terminated with a gas specific probe, SABS Number: 1409 probe</p>	
Clause T13	<p>The ventilator must include the following features:</p> <ul style="list-style-type: none"> i) A mechanism to avoid accidental change of ventilator settings. Specify mechanism ii) Internal oxygen blending system. iii) Diagnostic self-test after power switch on. NB: Instructions for all necessary user actions that must be performed during self-tests and circuit checks must be displayed on the screen iv) Integrated oxygen monitoring. Provide details of system used, and detail any consumable items (along with replacement schedule and cost) v) End-Tidal Carbon Dioxide monitoring (PetCO2) with the ability to display a PetCO2 waveform on the screen. Provide details of the measurement system (mainstream or side-stream), the technical specifications of the device, and a schedule of the consumable items required. 	<ul style="list-style-type: none"> i) ii) iii) iv) v)
Clause T14	<p>Nebulizer</p> <ul style="list-style-type: none"> i) The nebulizing system must not add net volume or pressure to the circuit and must not cause the oxygen concentration delivered to the patient to differ from that set on the ventilator. ii) Please specify the type of nebulizer offered and confirm that it is operative in all ventilation modes: volume, pressure and spontaneous. iii) Supporting brochures with technical information must be submitted with the offer. iv) State whether the nebulizing unit is integrated into the ventilator. v) If it is not integrated it must be securely mounted – Provide details vi) Specify the type of disposables or accessories (including catalogue numbers and costs) needed to operate the nebulizer. vii) The Nebulizer cost must be included in the final bid price 	<ul style="list-style-type: none"> i) ii) iii) iv) v)

NO	SPECIFICATION	STATE YES OR NO Give information or values where appropriate. Supply information on a separate sheet if space provided is inadequate.
Clause T15	<p>Colour Graphics package</p> <p>i) A high resolution colour graphical user interface with touch-screen must be present</p> <p>ii) The display must be clearly visible from at least 2m.</p> <p>iii) The diagonal dimension of the screen must equal or exceed 30cm. Specify the size and resolution of the screen.</p> <p>iv) The correct description, catalogue number and full details of the package offered must be supplied.</p>	<p>i)</p> <p>ii)</p> <p>iii)</p> <p>iv)</p>
Clause T16	<p>Display of the following must be included:</p> <p>i) Simultaneous display of 3 waves: Pressure-Time, Flow-Time and Volume-Time, with a freeze and cursor function, and scalable axes.</p> <p>ii) The enduser must be able to configure the screen to meet a variety of operational requirements, including the ability to display large digit fields, and the ability to simultaneously display waveforms and loops.</p> <p>iii) Graphic trends over a period of a minimum of 24 hours. Specify the period.</p> <p>iv) Numerical tabular trends of up to 20 variables, and set values and alarm messages for up to 3 days.</p> <p>v) Error Log / Trace.</p> <p>vi) Pressure-volume loops and flow-volume loops with a freeze and a cursor function.</p> <p>vii) It must be possible to save and compare a reference loop.</p> <p>viii) The ability to display loops while waveform display continues to be visible would be an advantage.</p> <p>ix) The following parameters must be displayable:</p> <ul style="list-style-type: none"> • Airway resistance • Compliance: dynamic and static • Work of Breathing • P0.1 <p>x) The following measured values MUST be displayable:</p> <ul style="list-style-type: none"> • Peak (Maximum) Inspiratory Pressure • Mean Airway Pressure • PEEP • Expiratory and Inspiratory Tidal Volume • Minute Volume • Leakage in percentage • Total Respiratory Rate • Inspiratory Time, Expiratory Time and I:E ratio • FIO2 • Inspiratory and Expiratory Flow. 	<p>i)</p> <p>ii)</p> <p>iii)</p> <p>iv)</p> <p>v)</p> <p>vi)</p> <p>vii)</p> <p>viii)</p> <p>ix)</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>x)</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p>
Clause T17	<p>Additional capabilities</p> <p>i) It would be considered an ADVANTAGE if the ventilator as supplied could measure <i>oesophageal pressures</i> and allow for the calculation of <i>transpulmonary pressures</i> List a schedule of required consumables and attachments, with their relevant prices and product codes.</p> <p>ii) It would be considered an ADVANTAGE if the ventilator as supplied could perform a quasi-static full vital capacity Pressure-Volume (compliance) curve to allow calculation of inflation and deflation inflection points and lung mechanics</p> <p>iii) It would be considered an ADVANTAGE if the ventilator as supplied could measure or estimate End-Expiratory Lung Volume to allow titration of PEEP Provide details of the system used to achieve this.</p>	<p>i)</p> <p>ii)</p> <p>iii)</p>

NO	SPECIFICATION	STATE YES OR NO Give information or values where appropriate. Supply information on a separate sheet if space provided is inadequate.
Clause T17 Cont	iv) To assist the committee with placement of equipment in facilities with special requirements: <ul style="list-style-type: none"> • Describe any relevant additional capabilities available on the machine as standard. • Provide information regarding additional potentially useful proprietary capabilities that are optionally available for the machine List the prices of software and additional hardware required in the schedule of optional accessories. • Examples of such items may include: <ul style="list-style-type: none"> ○ Neonatal mode and software (as in 2C) ○ Volumetric capnography ○ Pulse oximetry ○ Automatic oxygen adjustment ○ Complete closed-loop system incorporating ventilation adjustment and oxygenation adjustment ○ Diaphragmatic sensing for control of ventilation ○ Transpulmonary pressure monitoring ○ Metabolic assessment ○ Automatic control of endotracheal cuff pressures 	iv) <ul style="list-style-type: none"> • • •
Clause T18	Technical Evaluation Prior to final adjudication of the bid, bidders are required to make an example of the device offered available to a Technical Evaluation Committee (TEC) as appointed by the KwaZulu-Natal Health Technology Services. The TEC will <ul style="list-style-type: none"> i) Verify compliance with the specifications ii) Verify that the ergonomics of the device are acceptable for use in facilities of the KwaZulu-Natal Department of Health iii) Verify that the characteristics of the device are appropriate to meet reasonable special requirements of the specific facilities for which the equipment is being procured 	i) ii) iii)
Clause T19	ACCESSORIES The unit must be supplied with the necessary accessories in order that it can be put into use immediately The following must be included: <ul style="list-style-type: none"> i) One complete Adult circuit The patient circuit must be of dual-hose type, with return of exhaled patient gases to ventilator unit. ii) An adjustable circuit supporting arm iii) A test lung which complies with the unit on offer. iv) A built-in microbial filter for exhaled gases that does not significantly increased resistance to respiratory flow prior to release of exhaled gases to the environment would be considered an ADVANTAGE. Detail the performance characteristics of any such inbuilt filtration system, with reference to standards v) The ventilator must be compatible with a dual servo controlled dual servo controlled humidifier (water bath type), similar or functionally equivalent to Fisher & Paykel-MR850. vi) Bidders must be able to offer this as an <u>optional extra</u> to be delivered with the ventilator. The bidder to list all accessories (including catalogue numbers and cost) included in the bid price. All prices must be inclusive of V.A.T. vii) The bidder to list all optional extra accessories (including catalogue numbers and cost) under the optional accessory section. 	i) ii) iii) iv) v) vi) vii) viii)

NO	SPECIFICATION	STATE YES OR NO Give information or values where appropriate. Supply information on a separate sheet if space provided is inadequate.
Clause T20	<p>CLEANING</p> <p>Supply details of the cleaning protocols between patients as per manufacturer's recommendation. Specify the details and cost of any consumables that may be required and state the price in the schedule at the end of this specification.</p>	
Clause T21	<p>UPGRADES</p> <p>Bidders to describe upgrade paths available on the unit offered and to state policy with regard to future software upgrades.</p> <ul style="list-style-type: none"> i) All future upgrades (hardware and software), where applicable, involving <u>patient safety</u> must be supplied at no additional cost. ii) All future upgrades removing software viruses from existing software, where applicable, must be supplied at no additional cost. iii) Any software upgrade, where applicable, before or after installation of the equipment must be brought to the attention of the CEO of the Institution and the Manager, Health Technology Services 	<ul style="list-style-type: none"> i) ii) iii)
Clause T22	<p>MANUALS</p> <p>The bidder must include in their offer at no extra cost to the final bid price:</p> <ul style="list-style-type: none"> i) Complete user Operation/Maintenance Manual x 2 (two) Book/File; CD; DVD copies in English Language ii) Complete ORIGINAL Service/Repair Manual x 2 (two) Book/File; CD; DVD copies in English Language which MUST include the following information: iii) Fault Finding Guide iv) Circuit Diagrams/Schematics v) Circuit Descriptions vi) PCB Layouts vii) Calibration Guide viii) Part numbers and exploded diagram of mechanical parts/panels. <p>The offer submitted must be supported by descriptive literature, colour pamphlets, colour brochures and technical data sheets applicable to the offer.</p> <p>FAILURE TO SUBMIT THE ABOVE WILL RESULT IN THE BID BEING DISQUALIFIED.</p>	<ul style="list-style-type: none"> i) ii) iii) iv) v) vi) vii) viii)
Clause T23	<p>RADIATION CONTROL LICENCE</p> <p>Bidders must state the Radiation Control Licence number of the make and model of the equipment offered. If this type of equipment/apparatus appears on the schedule of Hazardous Substances, issued by the Directorate: Radiation Control of the Department of Health, a licence in terms of the Act on Hazardous Substances (Act 15/1973) must be submitted with the bid document. The licence must be registered under the bidders name or the letter of Joint Venture must be submitted by the Licence holder where the licence is not in the name of the bidder.</p> <p>BIDDERS THAT NEGLECT TO SUBMIT A LICENCE WILL BE DISQUALIFIED</p>	
Clause T24	<p>GUARANTEE / WARRANTY</p> <p>The bidder must provide a minimum of 24-month warranty / guarantee period for the unit offered. Tenderers will be required to quote on a comprehensive 5 year service contract that will be used as a guide in considering life cycle cost of the unit offered. The service contract may or may not be entered into</p>	

FAILURE TO COMPLETE THIS PART WILL DISQUALIFY THE BIDDER

Description of item: 66 x Ventilator ICU, Adult, Standard

Make: _____

Model: _____

Country of Manufacture: _____

Final Bid Price must be Inclusive of VAT: _____

Local Agent (KwaZulu-Natal): _____

Delivery Period: _____

R S A Import Permit Holder: _____

Bidder : _____

Signature: _____ Date: _____

Address: _____

Telephone no: _____ Fax no: _____

Contact person: _____
(Please print)

MONTHLY SERVICE AGREEMENT PAYMENT SCHEDULE

Month	Value	Month	Value
1	R	19	R
2		20	
3		21	
4		22	

5		23	
6		24	
7		25	
8		26	
9		27	
10		28	
11		29	
12		30	
13		31	
14		32	
15		33	
16		34	
17		35	
18		36	
TOTAL SERVICE AGREEMENT COST FOR THREE YEAR PERIOD AFTER LAPSE OF MINIMUM ONE YEAR GAURANTEE PERIOD PER ITEM IN EQUAL PAYMENTS. MONTHLY SCHEDULE TO INCLUDE ALL COSTS i.e. TRAVELLING, LABOUR, SPARE PARTS REQUIRED FOR ATTENDING BREAKDOWN AND ALL SERVICE KITS REQUIRED FOR SERVICING THE EQUIPMENT.		Total	

THE BIDDER MUST QUOTE FOR A FULLY COMPREHENSIVE MAINTENANCE CONTRACT AS DESCRIBED ABOVE. THE BIDDER TO ALSO STATE THE NUMBER OF SERVICES AND LIST ON A SEPARATE ANNEXURE WHAT WILL BE INCLUDED IN THE SERVICES THAT ARE UNDERTAKEN.

Institution for which the equipment is intended _____

These prices will only apply to the abovementioned Institution.

Bidder: _____

Signature: _____ Date: _____