



### Quotation Advert

Opening Date: 2020-06-12  
 Closing Date: ~~2020-06-19~~ 2020/06/23  
 Closing Time: 11:00

#### INSTITUTION DETAILS

Institution Name: Manguzi hospital  
 Province: KwaZulu-Natal  
 Department or Entity: Department of Health  
 Division or section: Central Supply Chain Management  
 Place where goods / services is required: X - RAY  
 Date Submitted: 2020-06-11

#### ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ:  
112/20/21  
 Item Category: Goods  
 Item Description: SINGLE - FEEDER COMPUTERIZED RADIOGRAPHY SYSTEM/ CR READER  
HTS PECIFICATION ATTACHED

Quantity (if supplies) 01

#### COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Not Applicable  
 Date :  
 Time:  
 Venue:

QUOTES CAN BE COLLECTED FROM:

QUOTES SHOULD BE DELIVERED TO:

ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

**Name:**

**Email:**

**Contact Number:**

**Finance Manager Name:**

**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?): 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
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- 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
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- 2.12.1. If so, furnish particulars: .....

### 3. Full details of directors / trustees / members / shareholders.

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

### 4 DECLARATION

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

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

.....	.....	.....	.....
Name of bidder	Signature	Position	Date

<sup>1</sup>"State" means –

- |   |   |
|---|---|
| a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999); | c) provincial legislature;                                    |
| b) any municipality or municipal entity;  | d) national Assembly or the national Council of provinces; or |
|   | e) Parliament.  |

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

## SPECIAL CONTRACT CONDITIONS OF QUOTATIONS

### 1. AMENDMENT OF CONTRACT

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

### 2. CHANGE OF ADDRESS

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

### 3. GENERAL CONDITIONS ATTACHED TO THIS QUOTATION

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

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

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

### 5. SPECIAL INSTRUCTIONS REGARDING HAND DELIVERED QUOTATIONS

- 5.1. Quotation shall be lodged at the address indicated not later than the closing time specified for their receipt, and in accordance with the directives in the quotation documents.
- 5.2. Each quotation shall be addressed in accordance with the directives in the quotation documents and shall be lodged in a separate sealed envelope, with the name and address of the bidder, the quotation number and closing date indicated on the envelope. The envelope shall not contain documents relating to any quotation other than that shown on the envelope. If this provision is not complied with, such quotations/bids may be rejected as being invalid.
- 5.3. All quotations received in sealed envelopes with the relevant quotation numbers on the envelopes are kept unopened in safe custody until the closing time of the quotation/bids. Where, however, a quotation is received open, it shall be sealed. If it is received without a quotation/bid number on the envelope, it shall be opened, the quotation number ascertained, the envelope sealed and the quotation number written on the envelope.
- 5.4. A specific box is provided for the receipt of quotations, and no quotation found in any other box or elsewhere subsequent to the closing date and time of quotation will be considered.

- 5.5. No quotation/bid sent through the post will be considered if it is received after the closing date and time stipulated in the quotation documentation, and proof of posting will not be accepted as proof of delivery.
- 5.6. Quotation documents must not be included in packages containing samples. Such quotations may be rejected as being invalid.

**6. SAMPLES**

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

**7. COMPULSORY SITE INSPECTION / BRIEFING SESSION**

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

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

Institution Stamp:	Institution Site Inspection / briefing session Official  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:

	<b>POINTS</b>
<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:

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

- 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	NO
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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.

<p><b>WITNESSES</b></p> <p>1. ....</p> <p>2. ....</p>
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<p>..... SIGNATURE(S) OF BIDDERS(S)</p> <p>DATE: .....</p> <p>ADDRESS..... ..... .....</p>
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# **PROVINCE OF KWAZULU-NATAL**

**DEPARTMENT OF HEALTH**

## **HEALTH TECHNOLOGY SERVICES (H.T.S. – RADIOLOGY SERVICES)**

**SPECIFICATION FOR:  
SINGLE - FEEDER COMPUTERISED RADIOGRAPHY  
SYSTEM**

**SPECIFICATION: RAD – 8(C) (RADIOLOGY)**

## SCOPE OF WORK

This specification establishes the requirements for the supply, delivery, installation, commissioning, demonstration and end user training of a Single - Feeder CR Reader and a Laser Imager. The Single – Feeder CR Reader must be capable of accepting and processing mammography IP cassettes/imaging plates.

**NB :** The cost of connection to an existing (where applicable) or future Radiology Information System (RIS) and an existing (where applicable) or future Picture Archiving and Communications System (PACS) must be quoted for on the Schedule of Optional Accessories.

## TECHNICAL SPECIFICATION

CLAUSE 1	CR READER	COMPLIANT (yes/no)	COMMENTS
1.1	The system offered must have a compact footprint. State the dimensions of the system offered.		
1.2	The system must be able to accept patient and imaging data		
1.3	The unit must be a touch screen system.		
1.4	The unit must be equipped with a barcode reader or radio chipped, which will enable the radiographer to link patient data to imaging data on a specific cassette.		
1.5	If an exam has been pre-ordered through the RIS (Radiology Information System), the plate reader must provide the ability to acquire appropriate patient and exam identification from the RIS via a Dicom Modality work-list.		
1.6	The plate reader must also provide an option for the operator to enter exam and patient identification information manually, for unscheduled exams such as emergency cases.		
1.7	The unit must accept the following radiographic IP cassette/Imaging plates sizes : 35 X 43; 24 X 30 and 18 X 24; State the throughput of the unit for each different size of IP cassette/Imaging plate. State what other IP cassette/Imaging plate sizes are available. State the cost of the various size IP cassettes/Imaging plates on the schedule of optional accessories.		
1.8	The minimum throughput must be		

SPECIFICATION: H.T.S. RAD 8(C) (RADIOLOGY)

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	70 (35cmX 43cm) IP cassettes /Imaging plates or higher per hour.		
1.9	The system must have the ability to do image control and system control, as well as patient data manipulation.		
1.10	Imaging plates must be automatically read after insertion into the plate reader.		
1.11	The CR Reader unit must be connected to a dedicated CR console, providing the operator with all necessary controls in respect of window/level and image transfer and formatting to the existing PACS system (where applicable) and/or Dry Laser Imager (where applicable) via the DICOM 3 standard for reporting, distribution, printing and archiving. This console must be mounted above or alongside the CR Reader. The CR console must have the ability to store and print.		
1.12	State all radiography tooling functionality of the console offered. The system should have the capability for the provision of pre – defined text and annotation.		
1.13	The console described in Clause 1.11 above must have the ability to auto-route image and patient information to either the radiologist's or the radiographer's workstation as well as automatic transfer of images to a RIS/ PACS system.		
1.14	In the event of the Hospital network failure, it must be possible to directly print images from the CR system to a Dry Laser Imager/ Printer. The Network cost between the CR System and Dry Laser Imager/Printer must be quoted for on the Schedule of Optional Accessories. The network cable quoted for must be Cat 5/6 UTP Cable		
1.15	The bidder must state the image storage capacity on-line on the CR Reader System.		

SPECIFICATION: H.T.S. RAD 8(C) (RADIOLOGY)

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1.16	State the time-frame required to retrieve an image from CR Reader system storage for image review.										
1.17	A DVD writer for image distribution must be quoted for on the Schedule of Optional Accessories										
<b>CLAUSE 2</b>	<b>RANGE OF CR IP CASSETTES. (INCLUDING IMAGING PLATES)</b>	<b>COMPLIANT (yes/no)</b>	<b>COMMENTS</b>								
2.1	<p>The following range and quantity of cassettes with imaging plates must be included in the offer. State price per each cassette/IP plate as well as a total price for the following requirement. <b>(Moderate variation in cassette sizes will be considered)</b></p> <table border="0"> <tr> <td><b>Size</b></td> <td><b>Quantity</b></td> </tr> <tr> <td>(i)24 X 30 cm</td> <td>4</td> </tr> <tr> <td>(ii)18 x 24 cm</td> <td>3</td> </tr> <tr> <td>(iii)35 X 43 cm</td> <td>6</td> </tr> </table> <p><b>RANGE OF CR MAMMOGRAPHY IP CASSETTES (INCLUDING IMAGING PLATES) must be quoted for as optional extras as listed on the Schedule of Optional Accessories.</b></p>	<b>Size</b>	<b>Quantity</b>	(i)24 X 30 cm	4	(ii)18 x 24 cm	3	(iii)35 X 43 cm	6		
<b>Size</b>	<b>Quantity</b>										
(i)24 X 30 cm	4										
(ii)18 x 24 cm	3										
(iii)35 X 43 cm	6										
2.2	The cassettes must be bar-coded or radio chipped to facilitate the operation of the system.										
2.3	The expected plate life must be 30 000 cycles. State the expected plate life in terms of cycles. State what warranty is given on the number of cycles per IP plate and how this is digitally recorded. Supply details.										
2.4	State if IP plates alone can be replaced, or if the complete cassette must be replaced.										
2.5	<p>The standard resolution must be 4 pixels /mm or better for general purpose radiography, 9 pixels /mm or better for high resolution radiography.</p> <p>State the standard resolution pixels /mm for general radiography and</p>										

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	<p>for high resolution radiography.</p> <p>Bidder must state the standard resolution pixels for ultrahigh resolution for mammography.</p> <p>Mammography (Optional) Specific software and licenses for mammography use must be quoted as optional extras as listed on the Schedule of Optional Accessories. This would be required at some of the institutions that perform such examinations.</p>		
2.6	Reject analysis and quality Control software must be included.		
<b>CLAUSE 3</b>	<b>DRY LASER IMAGER</b>	<b>COMPLIANT (yes/no)</b>	<b>COMMENTS</b>
3.1	A good quality dry laser imager must be included in this offer. State the dimensions of the system offered.		
3.2	The unit must use either laser or thermal technology. No units using chemical technology will be considered.		
3.3	The printer must automatically perform a calibration test at start-up or on the request of the operator.		
3.4	The printer must include a self-diagnostic capability which shall indicate at least the following error and system status conditions; film low, film empty, memory full, film feed error, printing, and alarm.		
3.5	The unit must allow daylight loading of film. State the loading capacity of the printer supply magazine.		
3.6	Multi-format printing on all film sizes must be possible. State the printing formats available on the offered printer.		
3.7	The printer must print the Department name, patient identification, date (dd/mm/yy) and time onto the film.		
3.8	Requests for printing must not		

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	compromise any additional workstation operation or performance.		
3.9	The printer must be DICOM 3.0 compatible and enabled.		
3.10	It must be possible to print the following film sizes: 35cm X 43cm, 24cm X 30cm or 18cm X 24cm. The printer must be capable of supporting 2 film sizes on - line permanently.		
3.11	The throughput must be at least 70 (35cm x 43cm) films per hour. State the throughput of the dry laser imager offered. (ie number of 35cm x 43cm films per hour).		
3.12	It must be possible to send a print command from both the CR reader system and all optional workstations.		
3.13	The cost of the laser film to be used on this printer must be stated. State the cost per sheet of film and the cost per box. State the number of sheets per box.		
3.14	<b>Paper Printer (Optional)</b>  The bidder must quote for a paper printer that can be utilized with the CR reader offered in this bid. State make and model of printer offered. The cost of the printer including connection to the offered CR Reader must be quoted for as listed on the Schedule of Optional Accessories.		
<b>CLAUSE 4</b>	<b>INSTALLATION</b>	<b>COMPLIANT (yes/no)</b>	<b>COMMENTS</b>
4.1	<b>The final bid price must include:</b> i) De-installation of existing equipment (where applicable), including the removal to a place designated by the Hospital management ii) Building alterations to accommodate the new equipment and iii) Delivery, installation and		

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	<p>commissioning of equipment.</p> <p><b>Prior arrangements must be made with Health Technology Services with regard to de-installation and disposal of the old unit.</b></p>		
4.2	The proposed layout of the equipment must be discussed with the Department of Health prior any building alterations.		
4.3	The layout and the alterations must be shown on a plan that must be submitted with the bid documents.		
4.4	The Bidders must satisfy themselves as to the environmental conditions. Any additional features that are required, such as air conditioning, must be detailed and be included in the offered price.		
4.5	<p>The bid price must include:</p> <p>i) The necessary QA test, any additional items, modifications or building alterations required to meet the requirements of the Directorate Radiation Control of the Department of Health.</p> <p>ii) Must be final and inclusive of all the necessary components that make up the final bid price.</p>		
<b>CLAUSE 5</b>	<b>UPGRADEABILITY</b>	<b>COMPLIANT (yes/no)</b>	<b>COMMENTS</b>
	<p>All future upgrades (hardware and software) involving <u>patient safety</u> and removing software viruses from existing software must be supplied at no additional cost.</p> <p><b>ANY UPGRADE BEFORE OR AFTER INSTALLATION OF THE EQUIPMENT INVOLVING ADDITIONAL COST MUST BE BROUGHT TO THE ATTENTION</b></p>		

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	OF THE MANAGER, HEALTH TECHNOLOGY SERVICES.		
CLAUSE 6	MANUALS AND BROCHURES	COMPLIANT (yes/no)	COMMENTS
	<p>The successful bidder must include in their offer at no extra cost to the final bid price:</p> <ol style="list-style-type: none"> <li>I. Complete user Operation / Maintenance Manual x 2 (two) Book / File; CD; DVD copies in English Language</li> <li>I. Complete <b>ORIGINAL</b> Service / Repair Manual x 2 (two) Book / File; CD; DVD copies in English Language which <b>MUST</b> include the following information:            Fault Finding Guide, Circuit Diagrams / Schematics, Circuit Descriptions, and <b>PCB</b> Layouts, Calibration Guide, Part Numbers and exploded diagram of Mechanical Parts / Panels.</li> </ol> <p>The offer submitted must be supported by descriptive literature, colour pamphlets, colour brochures and technical data sheets applicable to the offer</p> <p><b><i>FAILURE TO SUBMIT THE ABOVE WILL RESULT IN THE BID NOT BEING CONSIDERED.</i></b></p>		
CLAUSE 7	TRAINING IN THE CORRECT USE OF PRODUCTS	COMPLIANT (yes/no)	COMMENTS
7.1	<p>The successful bidder must offer continuous training to staff in effective utilization of their products. Wastage as a result of not effectively utilizing products must be immediately reported by the supplier to the Department of Health. When called for by the Department of Health Technology Services, the contractor must furnish the details sought after.</p>		

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7.2	The successful bidder must provide the Health Technology Service's in house Technicians, a demonstration and front line training of the product offered. 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.		
7.3	The successful Bidder must at no extra cost provide additional ongoing training for end users and technical staff on the equipment offered.		
<b>CLAUSE 8</b>	<b>RADIATION CONTROL LICENCE ( IF APPLICABLE)</b>	<b>COMPLIANT (yes/no)</b>	<b>COMMENTS</b>
	<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><b><i>BIDDERS THAT NEGLECT TO SUBMIT A LICENCE WILL BE DISQUALIFIED.</i></b></p> <p><b>BIDDER TO STATE LICENCE NUMBER: _____</b></p>		
<b>CLAUSE 9</b>	<b>FULLY COMPREHENSIVE MAINTENANCE AGREEMENT</b>	<b>COMPLIANT (Yes/No)</b>	
9.1	Bidders must provide a fully comprehensive maintenance and service agreement for a period of 3		

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	years to commence upon termination of the 2 year warranty/guarantee period.		
9.2	The three year maintenance plan must include all quality assurance requirements as required by the Directorate : Radiation Control, including required calibrations. Software updates and upgrades to be included.		
9.3	The bidder must supply all inclusive, fully comprehensive three year preventative maintenance, service and repair contract covering all equipment, hardware and software.  This contract would cover, but not be limited to the following: ALL PARTS, labour, traveling, mileage, spare parts, service kits, breakdowns, accommodation, and all call outs that is required for the servicing of each unit and maintenance. <b>(The bidder must attach on a separate annexure detailing the cost of each of the above.)</b>		
9.4	The bidder must state the number of services per annum that are required for the equipment offered as per the manufacturer's recommendations and attach proof of such services.		
9.5	The bidder must state the cost (inclusive of VAT.) of each service per unit.		
9.6	The bidder must submit a draft maintenance and service agreement including costs and escalation costs for the five year period. This must be attached as an annexure to the technical specification.		

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## SCHEDULE OF OPTIONAL ACCESSORIES

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

Cat No	Item	Price including VAT
	Mammography Software including licenses.	
	Mammography IP Cassette/ Imaging Plate (18 x 24)	
	Mammography IP Cassette/ Imaging Plate ( 24 x 30)	
	Laser Printer as per Technical Specification above	
	Paper Printer	
	Networking of Paper Printer to CR Reader offered.	
	Networking to PACS	
	Networking to RIS	
	DVD Writer	
	Mini PACS System	
	UPS	

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

The Bid Price must be firm for 180 Days \_\_\_\_\_

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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