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AdvertQuote



KWAZULU-NATAL PROVINCE
HEALTH
REPUBLIC OF SOUTH AFRICA

Quotation Advert

Opening Date: 2021-02-01

Closing Date: 2021-02-05

Closing Time: 11:00

INSTITUTION DETAILS

Institution Name: Mahatma Gandhi Memorial hospital

Province: KwaZulu-Natal

Department or Entity: Department of Health

Division or section: Central Supply Chain Management

Place where goods / services is required MAHATMA GANDHI HOSPITAL WORKSHOP DEPT.

Date Submitted 2021-01-28

ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ: 552/20

Item Category: Goods

Item Description: MOBILE X-RAY UNIT (BSU MACHINE) AS PER SPECIFICATION

Quantity (if supplies) 2 UNITS

COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Not Applicable

Date :

Time:

Venue:

QUOTES CAN BE COLLECTED FROM: DOWNLOADED

QUOTES SHOULD BE DELIVERED TO: MAHATMA GANDHI HOSPITAL TENDER BOX, 100 PHOENIX HIGHWAY

ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

Name: T.D. KHWELA OR TU MKHIZE

Email: Dorin.Khwela@kznhealth.gov.za

Contact Number: 031-5021719 ext. 2095 or 2099

Finance Manager Name: Mr S.F. Gumede

Finance Manager Signature:

No late quotes will be considered

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, shareholder ²):..... | 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

¹"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. |

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.

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 PREFERENCE POINT SYSTEMS

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

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

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

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

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

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

5. BID DECLARATION

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

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

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

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

7. SUB-CONTRACTING

(Tick applicable box)

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

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

7.1.1 If yes, indicate:

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

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

(Tick applicable box)

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

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

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

9. DECLARATION WITH REGARD TO COMPANY/FIRM

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

9.2 VAT registration number:.....

9.3 Company registration number:.....

9.4 TYPE OF COMPANY/ FIRM [TICK APPLICABLE BOX]

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

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....
.....

9.6 COMPANY CLASSIFICATION [TICK APPLICABLE BOX]

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

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

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

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

WITNESSES	
1.
2.

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

PROVINCE OF KWAZULU-NATAL

DEPARTMENT OF HEALTH

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

SPECIFICATION FOR: MOBILE X-RAY UNIT

UMDNS: 11758

SPECIFICATION: RAD - 2 (RADIOLOGY)

SPECIFICATION: H.T.S. RAD -2 (RADIOLOGY)

NB: GENERAL CLAUSES THAT DO NOT APPLY TO THE EQUIPMENT OFFERED MUST BE ANSWERED "COMPLIES", "DOES NOT COMPLY" OR ANSWER THE QUESTION UNDER BIDDERS COMMENTS.

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
Clause G1.1	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. 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.	
Clause G2	All responses must be clear and legible.	
Clause G3	GUARANTEE:	
Clause G3.1	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.	
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.	

SPECIFICATION: H.T.S. RAD -2 (RADIOLOGY)

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
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.	
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 reserves 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	<p>Supply the Name, Address and Telephone Number/s of the Local Service Department within KwaZulu-Natal.</p> <p>Please supply details as follows:</p> <p>Company name : _____</p> <p>Physical Address : _____</p> <p>_____</p> <p>Telephone Number/s : _____</p> <p>Fax number : _____</p> <p>_____</p> <p><i>(The Health Technology Services reserves the right to inspect the premises).</i></p>	

SPECIFICATION: H.T.S. RAD -2 (RADIOLOGY)

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
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.	

SPECIFICATION: H.T.S. RAD -2 (RADIOLOGY)

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
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 (fault-finding), 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.	
a. 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.	

SPECIFICATION: H.T.S. RAD -2 (RADIOLOGY)

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
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 not 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 experts 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	

SPECIFICATION: H.T.S. RAD -2 (RADIOLOGY)

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
	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.	

SPECIFICATION: H.T.S. RAD -2 (RADIOLOGY)

TECHNICAL SPECIFICATION

SCOPE OF WORK:

This specification establishes the requirements, supply, delivery, end user training, demonstration, commission and installation of the **MOBILE X – RAY UNIT**.

GENERAL:

1.1 Bidders are aware that the manoeverability and ease of use of a mobile unit is impossible to assess on a pamphlet. It is therefore imperative that the units offered be demonstrated to end users from the respective institution.

State when, where and to whom the unit was demonstrated.

1.2 The bidder to state make and model of the unit offered.

1.3 A radiation warning sign must be fixed to the unit.

1.4 The unit must comply with the requirements of the Department of Health: Directorate - Radiation Control in regard to radiation protection. Any modifications required will be at the bidder's expense.

1.5 The successful bidder must complete the required quality assurance tests on delivery of the unit and must supply documented proof of the results

TECHNICAL SPECIFICATIONS:

CLAUSE T1	GENERATOR:	COMPLIANT (yes/no)	COMMENTS
Clause 1.1	Compact converter generator with an output of at least 30 kW		
Clause 1.2	The maximum mAs at various kVs must be stated These factors will be taken into consideration in the bid adjudication. The unit must have a mA output that will make radiography with reduced exposure times possible. State: Maximum mAs _____ at 125 kV Maximum mAs _____ at 110 kV Maximum mAs _____ at 100 kV Maximum mAs _____ at 90 kV Maximum mAs _____ at 80 kV Maximum mAs _____ at 70 kV Maximum mAs _____ at 60 kV Maximum mAs _____ at 50 kV Maximum mAs _____ at 40 kV		
Clause 1.3	The kV control must provide for steps of 1kV		
Clause 1.4	The bidder to state the kV range		

SPECIFICATION: H.T.S. RAD -2 (RADIOLOGY)

Clause 1.5	The cable connecting the hand switch must be at least two metres. State length _____		
Clause 1.6	The unit offered must incorporate automatic mains compensation		
CLAUSE T2	X-RAY TUBE AND CABLES:	COMPLIANT (yes/no)	COMMENTS
Clause 2.1	The size of the focus must be in the range of (0.8 – 1.2)		
Clause 2.2	A pair of high voltage cables and installation cables to suit installation must be provided		
Clause 2.3	Anode heat storage capacity must not be less than 40kHU		
CLAUSE T3	COLLIMATOR:	COMPLIANT (yes/no)	COMMENTS
Clause 3.1	A light beam diaphragm must be fitted		
Clause 3.2	The leaves must be independently adjustable in both lateral and longitudinal directions		
Clause 3.3	A rotating flange between the collimator and the tube must be supplied in order to permit diagonal collimation		
Clause 3.4	The unit is required for radiography of patients in hospital beds and a FFD of less than 100cms is frequently used. A field coverage of 43 x 43cms at a focal film distance of 80cms must be achieved. State field coverage at 80cms. _____		
CLAUSE T4	TUBE STAND/MOBILE BASE:	COMPLIANT (yes/no)	COMMENTS
Clause 4.1	The unit must have a base frame with the tube parked or clipped close to the base frame for transport		
Clause 4.2	The tube stand must provide for vertical movement of the focus of the X-Ray tube up to a height of at least 1,8 metres above the floor		
Clause 4.3	The bidder to state maximum height of unit when prepared for transport		
Clause 4.4	State minimum height of tube above floor level when prepared for transport		
Clause 4.5	Angulation of the tube head must be controlled by an adequate locking		

SPECIFICATION: H.T.S. RAD -2 (RADIOLOGY)

	device		
Clause 4.6	The unit must be suitable for radiography on a theatre table and therefore the tube when positioned to give a FFD of 100 cms must extend past the line of the base plate by an adequate distance		
Clause 4.7	If the floor to focus distance were 1800 mm (maximum) state what the maximum distance would be between the front end of the base plate of the unit and the central ray		
Clause 4.8	Bidders must supply details of the movements of the tube and tube arm/column and must state whether the tube arm can swing to the right and left (wig-wag)		
Clause 4.9	The base must be fitted with an adequate floor brake		
Clause 4.10	State the mass of the unit		
CLAUSE T5	UPGRADABILITY:	COMPLIANT (yes/no)	COMMENTS
Clause 5.1	All future upgrades (hardware and software), where applicable, involving <u>patient safety</u> must be offered at no additional cost. All future upgrades removing software viruses from existing software, where applicable, must be supplied at no additional cost. Any software upgrade, where applicable, before or after installation of the equipment must be brought to the attention of the Manager, Health Technology Services.		
CLAUSE T6	MANUALS:	COMPLIANT (yes/no)	COMMENTS
Clause 6.1	The bidder must include in their offer at no extra cost to the final bid price: (a) Complete user Operation/Maintenance Manual x 2 (two) Book/File; CD; DVD copies in English Language (b) Complete ORIGINAL Service/Repair Manual x 2 (two) Book/File; CD; DVD copies in English Language which MUST include the following information: (i) Fault Finding Guide, (ii) Circuit Diagrams /Schematics,		

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	<ul style="list-style-type: none"> (iii) Circuit Descriptions, (iv) PCB Layouts, (v) Calibration Guide, (vi) Part Numbers and exploded diagram of Mechanical Parts/Panels. <p><i>The offer submitted must be supported by descriptive literature, colour pamphlets, colour brochures and technical data sheets applicable to the offer.</i></p> <p>FAILURE TO SUBMIT THE ABOVE WILL RESULT IN THE BID NOT BEING CONSIDERED</p>		
CLAUSE T7	TRAINING IN THE CORRECT USE OF PRODUCTS:	COMPLIANT (yes/no)	COMMENTS
Clause 7.1	The successful bidder must offer continuous training to staff in effective utilisation of their products. Wastage as a result of not effectively utilising 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.		
Clause 7.2	The successful bidder must provide the Health Technology Service's in house Technicians, a demonstration of the product offered, 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 7.3	The successful Bidder must at no extra cost provide additional ongoing training for end users and technical staff on the equipment offered		
CLAUSE T8	RADIATION CONTROL LICENCE:	COMPLIANT (yes/no)	COMMENTS

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<p>Clause 8.1</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> <p>BIDDER TO STATE LICENCE NUMBER: _____</p>		
<p>CLAUSE T9</p>	<p>MAINTENANCE AND SERVICE AGREEMENT:</p>	<p>COMPLIANT (yes/no)</p>	<p>COMMENTS</p>
<p>Clause 9.1</p>	<p>Bidders must provide a fully comprehensive maintenance and service agreement for a period of 5 years to commence upon termination of the warranty period.</p> <p>The five year maintenance plan must also include all quality check and quality assurance requirements, including all required calibrations. This contract will commence after the two year warranty period has expired. Software updates and upgrades to be included.</p> <p>This contract would cover, but not be limited to the following: ALL PARTS (including, where appropriate, Consumables, X-Ray tubes and other glassware), labour, traveling, accommodation, service and maintenance. The five year maintenance plan must also include all quality check and quality assurance requirements, including all required calibrations. This contract will commence after the two year warranty period has expired. Software updates and upgrades to be included</p> <p>Software changes to the equipment which are corrective in nature and</p>		

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	<p>initiated due to software errors, regulatory requirements or safety reasons, shall be delivered and installed at no charge for the period of the contract</p> <p>The bidder must supply details as to what is included in the cost that is quoted below. This must be attached as an annexure to the technical specification.</p>		
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The bidder must complete the schedule below.

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YEARLY MAINTENANCE CONTRACT SCHEDULE

	Year	Amount
<i>TOTAL SERVICE AGREEMENT COST FOR FIVE YEAR PERIOD AFTER LAPSE OF TWO YEAR GAURANTEE PERIOD</i>	1	
	2	
	3	
	4	
	5	
<i>TOTAL</i>		R

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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.

Cat No	Item	Price including VAT

DETAILED TECHNICAL SPECIFICATION

GENERAL INFORMATION REQUIRED

FAILURE TO COMPLETE THIS PART WILL DISQUALIFY THE BIDDER

Description	Mobile X-Ray Unit
Make	_____
Model	_____
Country of Origin	_____
Final Bid Price inclusive of VAT	_____
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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FULLY COMPREHENSIVE SERVICE AGREEMENT

- a) The bidder must state the number of services per annum that are required for the equipment offered as per the manufacturer's recommendations.
- b) The bidder must state the cost (inclusive of vat.) of each service per unit.
- c) The bidder must supply all inclusive, fully comprehensive five 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 (including, where appropriate, Consumables, X-Ray tubes, Ultrasound probes and other glassware), labour, traveling, mileage, spare parts, service kits, breakdowns, accommodation, and all call outs that is required for the servicing of each unit and maintenance. **(The bidder must attach on a separate annexure detailing the cost of each of the above.)**
- d) The bidder must attach proof of the number of services as per the manufacturer's recommendation.
- e) The bidder must submit a draft maintenance and service agreement with their bid.
- f) The bidder must complete the schedule below.

Number of Services Required Per Unit	Cost of each service per Unit	Quantity of units	Total Cost

Institution for which the equipment is intended _____

Bidder: _____ Signature: _____ Date: _____

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