

SPECIFICATIONS FOR

TENDER #0271-1726

Digital Radiography Systems

CLOSING DATE & TIME: December 20th, 2017 2:00PM

Invitation to Tender for Diagnostic Digital Radiography Systems (DDR)

1.0 **General Provisions**

1.1 Intent

This invitation to Tender is intended to obtain the supply and installation of dual detector Radiography Systems for:

- Bonne Bay Health Centre site in Norris Point, NL
- Health Sciences Centre, St. John's, Newfoundland

Three single detector Radiography systems for Labrador Grenfell Health sites:

- The Strait of Belle Isle Health Centre Flowers's Cove, NL

- The White Bay Health Centre Roddickton, NL

- The Labrador South Health Centre Forteau, NL

(PLEASE GIVE AN OPTION FOR A CEILING SUSPENDED X-RAY TUBE FOR FLOWER'S COVE HEALTH CENTRE).

Optional turnkey installation will be considered for Bonne Bay Health Centre, and Labrador Grenfell Health Sites.

This Tender is concerned with the acquisition and installation of the DDR systems that will meet the all the specifications listed in this tender document. The RHA's clinical management teams will review all submissions and will determine which proposal best meets the requirements for the needs of each site. Consideration will also be given to the following:

- Ongoing service and maintenance support.
- All manuals, documents and initial supplies.
- The right to reproduce any printed materials supplied with the product for the purpose of using the product.
- Training and training manuals.
- Future enhancement availability.
- 1.1.1 Western Health reserves the right to order additional units at the same price for a period up to twenty four months from the closing date. Other Regional Health authorities within Newfoundland will have the right to buy from this Tender with written notice to the successful vendor.

1.2 Client Background

Western Health was established in 2005 by the Government of Newfoundland and is responsible for the delivery of Health and Community Services in the Western Region.

1.3 Vendor Response

- 1.3.1 Vendor's tender should contain an Executive Summary which shall contain:
 - a. A brief description of the product being quoted.
 - b. The name, title and address of the Vendor's representative responsible for the preparation of the Tender.
- 1.3.2 All prices quoted for goods and services must be specified in Canadian dollars, FOB Regional Health Authority Sites. All Tenders will be held to be valid for ninety (90) days following the Tender closing date.
- 1.3.3 Tenders must be received in full on or before the exact closing time and date indicated. **TENDERS RECEIVED AFTER THAT TIME WILL NOT BE CONSIDERED.**
- 1.3.4 All costs relating to the work and materials supplied by the Vendor in responding to this Invitation to Tender must be borne by the Vendor.

1.4 **Release of Information**

1.4.1 While Tender is Open:

Amendments may be posted to the tender documents before the closing time and potential bidders will be responsible to check the web site for any amendments. An extension to the closing time may also be posted if deemed necessary to provide adequate time to vendors to review any changes posted.

1.4.2 At Tender Opening:

The names of the bidders and total amount bid will be read out. However no official award will be made until a full review of the bids is done and a Purchase Order or written award letter is issued.

1.4.3 After Tender Opening:

- 1. No further information will be released until after the contract is awarded.
- 2. After award, only the name and bid price of the successful bidder will be made available.
- 3. Information will be made available for a 90 day period only.
- 4. Successful Awards will be posted on Western Health's Web Site.

1.4.4 FYI, Statements that are included as part of our Tender calls:

Bidders are welcome to attend the public opening. Please note it is our policy to read out only the bid total pricing at the opening. Awarding of any contracts will be subject to full review of all bid information after the opening.

1.5 **Communication During Tendering**

1.5.1 All communications with Western Health with respect to this invitation to Tender must be directed in writing to the attention of:

Mr. Paul Wight Regional Director, Materials Management Western Health 1 Brookfield Ave. Corner Brook, Newfoundland A2H 6J7 Tel: (709) 637-5511 Fax: (709) 634-2649 Email: paulwight@westernhealth.nl.ca

- 1.5.2 Western Health may, during the assessment period, request meetings with the Vendors to clarify points in the Tender. No changes by the Vendor will be permitted after the Tender closing date.
- 1.5.3 Faxed Tender responses will be accepted with the condition that the original Tender documents are received at Western Health's Materials Management Department no later than **Five** working days following the Tender closing date.

1.5.4 All bids must be sent in a sealed envelope clearly marked with Tender Name and Number to:

Materials Management Department, Western Health, Western Memorial Regional Hospital, first floor, 1 Brookfield Ave., Corner Brook, NL A2H 6J7. (709) 637-5000 ext 5511

- 1.5.5 Bids submitted by electronic transmission (e-mail) <u>will not be</u> <u>accepted.</u>
- 1.5.6 Companies submitting fax Tenders are doing so at their own risk and the fax Tender must be received (vendors should allow plenty of time to avoid problems and also call to ensure their fax was received) as specified in the Tender information. Western Health Tender Authority will not be responsible for any damages or liabilities for faxed tenders that are not received on time. Vendors must also submit original signed documents which must be received within 5 working days of the closing time.
- 1.5.7 In order to contribute to waste reduction and promote environmental protection, the Western Health will endeavour to acquire goods and services that support these principles, therefore, product(s) quoted should include:
 - maximum level of post-consumer waste and/or recyclable content
 - minimal packaging
 - minimal environmental hazards
 - maximum energy efficiency
 - potential for recycling
 - disposal costs
 - must not reduce the quality of the product required or affect the intended use of the product
 - must not significantly impact the acquisition cost

1.6 **Tender Acceptance**

1.6.1 Any acquisitions resultant from this invitation to Tender shall be subject to the Public Tendering Act.

- 1.6.2 The Tenders shall be opened in the Private Dining Room at The Western Memorial Regional Hospital on the scheduled date and time.
- 1.6.3 Any Tender may be accepted in whole or in part. The lowest Tender may not necessarily be accepted and Western Health reserves the right to cancel the Tender call. Western Health shall not be held responsible or liable for the payment of any costs that are incurred by the bidder in preparing a Tender in response to this invitation to Tender.

1.7 Warranty

The Vendor shall warrant that the product supplied to Western Health shall equal the published specifications.

The Vendor shall provide no less than a 1-year warranty on the system. The Vendor agrees to provide free of charge all parts, labour, and travel necessary to repair the system during the first year of operation.

2.0 Product Specifications for Western Health and Eastern Health Direct Digital Radiography System

Specifications for the supply and installation (without any infrastructure renovations):

- One Dual Detector Direct Digital Radiography system for the Bonne Bay Health Centre, Norris Point, Newfoundland and Labrador. Purchase orders and scheduling of delivery to be agreed upon with designated Western Health Staff
- One Dual Detector Direct Digital Radiography unit for the Health Sciences Centre, St. John's, Newfoundland and Labrador as per the specifications herein. Purchase orders and scheduling of delivery to be agreed upon with designated Eastern Health Staff.

All features necessary to support the systems and meet required operating specifications must be listed and the cost included in the quote. Optional turnkey installation pricing must also be submitted for Bonne Bay Health Centre and Labrador Grenfell Health Sites. A decision of whether or not to avail of the turn key option will be made after reviewing of costs.

Responses to this tender must reflect the current capability of the equipment and all features must be presently available for delivery. Bidders must respond to all questions as printed. All bidders must explicitly address each point in the spaces

provided and give details where appropriate. Failure to do so and/or vagueness in responses <u>will be</u> interpreted as not meeting the required specifications. Any item not specifically identified, as an option will be considered to be part of the purchase price quoted. It is the vendor's responsibility to clarify each section.

The proposed equipment <u>must</u> be able to be accommodated into the existing space with minimal renovations.

Basic Specifications

1. The System must be capable of performing all general radiographic examinations of adults and children.

Compliance:	Yes 🗌	No
Comment		

2. The System must be configured with a fully integrated table and wall stand detector combination with auto detector tracking.

Compliance:	Yes 🗌	No	Comment	
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3. The system must have the ability to capture a "low-energy" image and a "high energy" image during a single examination. (Dual Energy Chest Imaging) or bone suppression technology to transform conventional chest x-ray image into an enhanced soft tissue image without bone overlay.

Compliance:	Yes 🗌	No 🗌	Comment	
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4. The system must incorporate wireless detectors.

Compliance:	Yes 🗌	No 🗌	Comment
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5. The System must incorporate a tilting wall stand.

Compliance:	Yes 🗌	No 🗌	Comment	
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6. The system must be configured with a fully integrated ceiling suspended x-ray tube.

Compliance: Yes 🗌 No

Comment _____

7. The system must be configured with removable grids. Please state the grids included with the system.

	Compliance:	Yes 🗌	No Comme	nt
8.	Any necessary included with t		mponents fo	or x-ray detectors and x-ray tube must be
	Compliance:	Yes 🗌		nt
9.	The system m acquisition rev			nonitors for the operators' Console /
	Compliance:	Yes 🗌		nt
10.	The system m	ust have pro	ogrammable	e automatic exposure control.
	Compliance:	Yes 🗌	No 🗌	Comment
11.				layout of the system along with uirements with the proposal.
	Compliance:	Yes 🗌	No 🗌	Comment
12.	The system n	nust have a	minimum K	VP range 40 to 150 kv.
	Compliance:	Yes 🗌	No 🗌	Comment
13.	The syster	n must have	tube overlo	bad protection.
	Compliance:	Yes 🗌	No 🗌	Comment
14.				pply units and line voltage regulators must (Operators console only)
	Compliance:	Yes 🗌	No 🗌	Comment
15.				e removal and disposal of one TosRad if Western Health opts for a turnkey
	Compliance:	Yes 🗌	No	Comment
Tab	le			
1.	The system n	nust include	a digital, ta	ble detector.
	Compliance:	Yes	No 🗌	Comment

2. The table must be equipped with collision protection.

	Compliance:	Yes	No	Comment
3.	The x-ray tabl	e must inclu	ude a 4-way	floating table top that is height adjustable.
	Compliance:	Yes	No 🗌	Comment
4.	The table mus purposes and cross tab	-	/ access fro	m both sides (for patient transfer
	Compliance:	Yes	No 🗌	Comment
5.	The proposed	l equipment	must have	a minimum 600 lbs. table load capacity.
	Compliance:	Yes	No 🗌	Comment
6.	The x-ray tabl hands free positionir			h foot control pedals to allow for easy afety locks.
	Compliance:	Yes	No 🗌	Comment
7.	The proposed e	equipment n	nust include	the following:
	a) Patient Han Compliance	•	No 🗌	Comment
	b) Compressio Compliance		No 🗌	Comment
	c) Lateral Case Compliance		No 🗌	Comment
<u>Sp</u>	ecify the follow	<u>ving:</u>		
1.	Specify range o	f detector m	novement in	the table:
2.	Specify grid rati	o and focus	range of th	e removable grid/s:
3.	Specify the rang	ge of table l	ateral move	ment:
4.	Specify the tabl	e longitudin	al movemer	nt:

Tilting Wall Bucky

1.	. The system must include a fully digital, tilting wall bucky. (Must tilt to horizontal)			
	Compliance:	Yes	No	Comment
2.	The wall bucky	must have A	utomatic E	Exposure Control.
	Compliance:	Yes	No	Comment
<u>X-</u>	ray Tube			
1.	The overhead to X-ray tube.	ube assembl	y must be	equipped with a high capacity dual focus
	Compliance:	Yes	No	Comment
2.	The X-ray tube	must have be	oth small a	and large focal spot.
	Compliance:	Yes	No	Comment
3.	3. Specify maximum tube ratingKw			
4.	 4. Tube assembly must be ceiling mounted and offer multi-positional versatility support a variety of procedures and applications including: table radiography upright radiography emergency trauma radiography stretcher and bed radiography radiography of patients in wheelchair cross table laterals 			
	Compliance:	Yes	No	Comment
5.	The proposed e movements.	quipment mu	ust include	e integrated tracking for tube/detector
	Compliance:	Yes	No	Comment
6.			•	ve a collimator display of SID and ion when initiating table and collimation
	Compliance:	Yes	No	Comment

7. Provide X-ray tube Specifications and expected tube life.

8.	Specify a	node heat storag	e capacity:	kHU
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Generator

1. The system must be a high frequency inverter with a minimum power output of 60 kW.

	Compliance:	Yes	No	Comment
2.	The radiographic	c mA range ı	must be 0	- 800 mA.
	Compliance:	Yes	No	Comment
3.	The system mus	st have selec	table mAs	capable of at least 5 mS exposures.
	Compliance:	Yes		nt
	The system mus rements.	st have selec	table kVp	range of 40 -150 kVp in 1 kVp
	Compliance:	Yes		nt
5.	The system mus	st have prog	rammable	techniques.
	Compliance:	Yes	No Comme	nt
6.	The system mus dose.	st include me	ethod of m	easuring and recording patient absorbed

Compliance:	Yes	No Comment	
			4

7. The system must have a method of recording repeat/reject analysis.

	Compliance:	Yes		ent
<u>Sp</u>	ecify the follow	<u>/ing:</u>		
Ple	ease describe th	e method o	f reporting	repeat/reject analysis data and images.
Сс	mment:			
<u>Or</u>	perator's Consc	ole/ Imaging	g processi	ng and display
1.	The system mu	ist have a se	ecure log c	n and log off feature.
	Compliance:	Yes	No	Comment
2.	The system mu also allow for m			interface for patient demographic input and put.
	Compliance:	Yes	No	Comment
3.	The system mu	ist have pro	grammable	e x-ray technique factors for each exam

view with manual override.

Compliance:	Yes	No	Comment	_
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4. The high contrast, high resolution flat panel displays must be at least 19" in size.

Compliance:	Yes	No	Comment
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5. Minimum monitor resolution must be 1024 x 1024; state highest resolution available.

Compliance:	Yes	No	Comment
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6. State if system has head to toe display reversal for any patient position.

Compliance: Yes No	Comment
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7. State if system has A/P to Prone display reversal for any patient position.

Compliance:	Yes	No	Comment
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8. The system must incorporate soft and hard tissue equalization algorithms.

	Compliance:	Yes	No	Comment		
9.				ed, image based, and technique ightness and contrast.		
	Compliance:	Yes	Na	Comment		
De	tector					
1.	The active pixel	dimensions	of the flat	panel detector must not exceed 200µm.		
	Compliance:	Yes	No	Comment		
2.	State the table d	letector size((s)			
3.	Specify the spat	ial resolution	of the de	tector		
4				ransmit data, please include transmission		
5.	Can the detecto	rs be interch	anged bet	tween the table and wall bucky.		
	Compliance:	Yes	No	Comment		
Ne	Network/Workstation(s):					
1.	 The system must be PACS/DICOM compatible/compliant. It must include the following DICOM interfaces (describe in detail): 					
a)	The system mus	st have DICC	M Verifica	ation Service Class (VSC).		
	Compliance:	Yes	No	Comment		
b)	The system mus	st have DICC	M Storag	e Service Class (Both SCU & SCP).		
	Compliance:	Yes	No	Comment		
	T I			a Commitment Service Class (Storage		
c)	Commitment SC		nvi Storag	e Commitment Service Class (Storage		

d) The system must have DICOM Print Management Service Class (PM	SC).
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	Compliance:	Yes	No	Comment
e)	The system mus (MWM SC).	t have DICO	M Modalit	y Worklist Management Service Class
	Compliance:	Yes	No	Comment
f)	The system mus	t be capable	of interfa	cing with Meditech HIS/RIS.
	Compliance:	Yes	No	Comment
g)	The system mus	t be able to f	ully integr	ate with GE PACS Centricity 4.0.
	Compliance:	Yes	No	Comment
h)	Vendor must pro	vide DICOM	conforma	ance statement upon request.
	Compliance:	Yes	No	Comment
i)	Vendor must pro	vide IHE inte	gration St	tatement for the quoted system.
	Compliance:	Yes	No	Comment
j)	The system mus network?	st have the c	apability o	of residing on each respective RHA's data
	Compliance:	Yes	No	Comment
k)				system communications, must be able to nust not depend on bridging traffic
	Compliance:	Yes	No	Comment
I)	Identify the num	ber of IP add	dresses a	nd network drops required by the system.

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m) If remote access into WRHA network is required to provide support for the system it must have strong security controls. Describe the network requirements and security mechanisms used for remote access (outside the Corporate WAN).

Options

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- 1. Specify price for a 80 kW high frequency generator cost:
- 2. Please list other available options and accessories with pricing

Service

The Vendor must confirm in writing that Parts and Labour will be available for the quoted system for not less than seven (7) years after the warranty period.

Compliance:	Yes	No	Comment
The Vendor must p must accompany t			2 copies of the Operating Manuals which hipped.
Compliance:	Yes	No	Comment
The quote must in the vendors expen		andatory or	safety updates for the life of the system at
Compliance:	Yes	No	Comment
The vendor must h Labrador.	nave service	e personnel	in the province of Newfoundland and
Compliance:	Yes	No	Comment
The Vendor must i	nclude all s	pecial tools	required to properly service the system.
Compliance:	Yes	No	Comment

All diagnostic software licenses and associated costs should be included for the life of the equipment while it is supported by the manufacturer.

Compliance:	Yes	No 🗌	Comment	
The quote must incl	ude any qu	ality contro	l/ quality assurance software.	
Compliance:	Yes	No	Comment	
The Vendor must provide as an option, pricing for a both a one (1) year and a five (5) year full Service Contract, as well as a shared service contract, including all parts, labour and travel costs after initial warranty period ends. Please include proposed service agreements with tender.				
Compliance:	Yes	No 🗌	Comment	
Please state the cost of five(5) year post-warranty, service contracts to include all parts (including detectors and x-ray tubes), labor, and all travel costs.				

Full	Shared
Year 1 \$	\$
Year 2 \$	\$
Year 3 \$	\$
Year 4 \$	\$
Year 5 \$	\$

In your response please include pricing for the following options as separate line items from the price of the system.

Training:

- 1. Factory Training for Biomedical Staff. Please provide the cost of the Biomedical Service training course for one Biomedical Technologist. All costs associated with this course including registration, airfare, accommodations, meals, and ground transportation are to be included.
- 2. Vendor response must include on-site training for technologists. Training must include at least two visits, initial training of 1 week duration and follow up training, a minimum of 2 days. The vendor will incur all applicable costs for training and travel expenses

Compliance:	Yes	No 🗌
Comment:		

Installation:

A. Are there utility requirements:

	1. Electrical Voltage: Amperage:
	2. Drains: Yes
	3. Water: Yes
	Other: Yes
	Specifics:
B.	If the device contains a battery, state the battery type and typical life cycle (hours of operation and charging time). State additional systems or work required to maintain the battery.
C.	The equipment (except is solely battery operated) must comply with C.S.A. standard No. C22.2-125 (Biomedical), or 114 (Radiology), or 151 (Laboratory), or C22.2 No. 601.0 plus applicable particular standard(s) and be certified by and organization accredited by the Standards Council of Canada.
	Yes No
D.	The equipment must be labeled with C.S.A. 125 Risk Class or C.S.A. 601.1 Equipment Type.
	Yes No
E.	Equipment that requires on site certification to meet CSA Standards must be completed by an accredited testing organization. The cost of this must be covered by the supplier.
	Yes No
F.	Will any site preparation be necessary? Yes No
	If yes, explain

- G. All supplies required for the initial startup and/or commissioning of the equipment shall be included.
 - Yes No
- H. The vendor shall be responsible for the safe receipt of the proposed system at the time of delivery. Will this equipment require any unloading equipment to make safe receipt at time of delivery?



I. If installation is involved; the Vendor shall coordinate the delivery and installation of the equipment with the timing being approved by the respective Health Authority.

Yes No	
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Evaluation:

Awarding of tender will be based upon the following:

- Price
- Functionality
- Ergonomics

The vendor must provide a listing of three (3) clinical sites where proposed system is located. The listing must include contact names and phone numbers.

Compliance: Yes No Comment

CAN/CSA-Z317.13-12 INFECTION CONTROL DURING CONSTRUCTION OR **RENOVATION OF HEALTH CARE FACILITIES**

ACKNOWLEDGEMENT FORM

- 1. The requirements of CAN/CSA-Z317.13-17 will be followed for the work of this Contract. This standard describes precautionary and remedial measures for preventing exposure to agents and released of augmented because of actions undertaken during health care facility construction, renovation, maintenance and repair work.
- 2. Contractors are to acknowledge that they have obtained, reviewed and understand the requirements of CAN/CSA-Z317.13.17 and that all costs associated with these infection control measure have been incorporated into the Tender amount.

Print _____

nt _____ Authorized Signing Officer Title

Signature ____

Authorized Signing Officer Title

BID SHEET

Bid Price:

Please Provide Price of Direct Digital Radiographic system as quoted (excluding taxes).

- Please include descriptive literature with your bid.
- Please provide two copies of the tender response.

Bidders **must** complete and submit the Bid Sheet. Type or legibly print the information required on the Bid Sheet. All questions or areas on the Bid Sheet must be answered, even if it is only to indicate that the referenced item is not available; blank items will be assumed to be unavailable and may result in rejection of the Bid. Where yes/no questions are asked and the space is left blank by the Bidder, the assumption will be that the answer to the question is no.

Bid Price:

Price of dual detectors Direct Digital Radiographic system as quoted:

(excluding taxes).

- Please include descriptive literature with your bid.
- Please provide two copies of the tender response.

TOTAL COST OF TURN KEY OPTION RENOVATION FOR TENDER \$_____

Please provide a detailed and comprehensive description of "turn-key" deliverables.

TENDER FORM

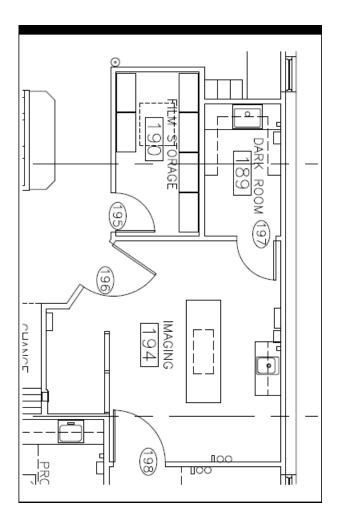
Failure to submit this signature page will render the bid <u>NON-COMPLIANT</u> and bid will be disqualified.

Required Signature:

Authorized Company Representative Signature	Date
Vendor Information:	
Company Name and Address:	
Telephone Number:	
Fax Number:	
Email:	
Web Address:	
H.S.T. #	

IN SIGNING THIS PAGE AND SUBMITTING YOUR BID, BIDDER ACKNOWLEDGES HAVING READ, UNDERSTOOD AND AGREED TO THE TERMS AND CONDITIONS IN THIS DOCUMENT.

Bonne Bay Health Centre Diagnostic Imaging



TURN KEY RENOVATION AND INSTALLATION

WESTERN HEALTH

Quotes must include, as an option, the cost for "turn-key" equipment installation and renovations. The design of the renovated space must meet both system and operational specific requirements. The turnkey proposal must include an acceptable functional plan for a complete Direct Digital Radiography (DDR) suite and must b e able to be accommodated in the existing space within the Diagnostic Imaging Department at Bonne Bay health Centre without compromising functionality or patient flow. The rooms that are available for installation are 189, 190, and 194. Acceptance of the physical space configuration will be determined by the customer based upon functional and construction requirements. Due to the complexity of the "turnkey" project, it is **recommended that vendors take the following action prior to responding to the tender.**

- 1. Meet with stakeholders to gain a comprehensive understanding of space and functional requirements for each piece of equipment.
- 2. Tour proposed installation space for equipment to confirm space dimensions and electrical, mechanical and structural layout.
- 3. Acquire structural and mechanical drawings of proposed space
- 4. Acquire floor plan of proposed spaced.
- 5. In consultation with the customer, draft a proposed design and layout of the area for "approval in principle by the customer" The vendor must be responsible for ensuring the proposed layout is compliant with the latest edition of the National Building Code

SCOPE OF WORK:

Place the DDR system in the identified space located in the Diagnostic Imaging Department Bonne Bay Health Centre together with all required building and building services modifications to accommodate the new installation. A preliminary layout drawing of the proposed imaging suite must be included in the tender response

Remove and dispose of existing X-Ray system and all related components in accordance with all local regulations. In addition to the scope of work as detailed, the vendor is required to identify and quote the cost of any additional work or hardware that is required to accommodate an optimally functioning system:

• Supply and installation of transformer, disconnects and fusible protection, if required, and all other electrical modifications as required. A transformer is installed for the existing radiography suite; existing transformer specifications are as follows

Type: E.V.I. Dry – Type Transformer Cat Number CDTA0075VRA6XXBB Mod Number CDTA0075VRA6XXBB 75 KVA 3 Phase Serial # DKB-0358-143040

The site would like to use the existing transformer installed, if possible.

Supply and install new x-ray control booth for shielding. Design of control booth

- Reviewed and approved by customer.
- Supply and installation of a UPS if required.
- The additional heat loads imposed by the new equipment must be determined, and if required, air conditioning equipment of sufficient capacity must be supplied and installed to condition space to acceptable occupant comfort and equipment operating parameters.
- Two complete sets of engineered "As Built" drawings to be provided upon completion of the project and turned over to the Facility Management group for record keeping.
- Replacement of flooring, if required
- C.S.A. latest infection control measures must be adhered to.

DESIGN/BUILD SCOPE OF WORK:

General Requirements:

- Building, electrical, and mechanical permits.
- Liability, builders risk, and workers compensation insurance
- Site superintendent

- Level 4 Infection Control
- Set up, maintenance and removal of hoarding and infectious control measures

Site work:

- Disposal bin
- Removal and repair of fire proofing materials on the building structure.
- Demolition of exist walls, ceilings, flooring, doors, windows and millwork as

required.

Removal of demolished materials from the site to an approved disposal area.

Concrete:

 Cutting and patching for new services. – in-fill the concrete floor etc. as required

Wood and Plastics:

Millwork as agreed upon by vendor and customer

Thermal and Moisture Protection:

- Supply and install fire stopping at all new penetrations of fire rated assemblies.
- Chalk around all new door frames, as required.

Doors and Windows:

- Relocate existing doors, frames, and hardware as required.
- Supply and install new doors, frames, and hardware as required.
- Paint all new and relocated doors as required

Finishes:

- Supply and install walls of 4" metal studs, 5/8" lead lined gypsum board as required. Lead equivalency to be determined.
- Supply and install ceiling as required
- Supply and install solid wood doors c/w welded frame and hardware as required
- Apply one coat of primer and two coats of epoxy paint to all new and existing wall surfaces within the work area.

Mechanical:

- Install new ventilation system / duct, if required
- Adjust existing ventilation distribution system to suit the new layout.
- Adjust the elevation of sprinkler piping where necessary and relocate sprinkler heads where required.
- Air balancing and report

Electrical:

- Remove and reinstate electrical services in area as required
- Supply and install all new electrical services as required
- Supply and install all interconnecting conduit, duct work, boxes
- Supply and install new emergency off/on button
- Equipment ground
- IT drops as required
- Telephone drops as required
- Supply and install receptacles new and relocated
- Supply and install switches- new and relocated

CONSIDERATIONS:

Scope of work and pricing is subject to final SIGNED layout design. Structural, electrical, mechanical sign-off will be the responsibility of the vendor.

During construction, if any savings are found they will be credited to Western Health's account.

Any additional costs incurred during construction will be the responsibility of the vendor unless a change order has been issued and signed by Western Health.

PLEASE PROVIDE TOTAL COST OF TURN KEY RENOVATION FOR TENDER

(See Schedule B)

Please provide a detailed and comprehensive description of <u>"turn-key"</u> deliverables.

• WESTERN HEALTH CONTRACTORS

Maintaining a healthy and safe environment for patients, staff and visitors is a priority for Western Health. This involves a commitment from all divisions and extends to outside agencies having occasion to come to any of our hospitals to conduct business. This project will be subject to third party safety inspection. This will result in routine site visits to the construction project by an independent safety inspector. The inspector will have the authority to suspend work when and where safety regulations are not being followed.

The following regulations will apply to all work undertaken by contractors and service personnel in any hospital property.

• **REGULATIONS, CODES AND STANDARDS**

Contractors and service personnel must be familiar and abide by provisions of safety regulations, codes and standards applicable to work being performed.

Strict adherence must be required to the Provincial Occupational Health and Safety Regulations, Fire Safety Regulations and, applicable sections of the National Building Code.

• General Safety Regulations:

- Construction may involve work in close proximity to patients, staff and visitors. Contractors and service agencies must ensure that patients, staff and visitors are not endangered by any work in which they may be engaged. Work areas must be properly barricaded and if any dust or fumes are generated, enclosures must be erected to contain any such emissions.
- No material must be stored in any way as to obstruct walkways or exists or to impede pedestrian traffic.
- Protection must be provided to prevent materials from falling from scaffolding or elevated areas. Barricades must be used where materials are being loaded or offloaded. Appropriate warning signs are to be posted where and when necessary.
- Work access(es) must be kept reasonably clean and free from debris that could create a fire hazard.

Consideration must be given to fire safety in any hospital. Flammable/combustible materials must be kept from sources of ignition. Where sources op open flame may be used such as burning or welding, appropriate safety measures must be

adhered to. Care must be taken to prevent the activation of fire alarm detection devices.

- Contractors must wear protective equipment appropriate for the work and meet compliance with the Provincial Occupational Health and Safety Act and Regulations.
- Do not disturb any materials containing asbestos (unless it is an agreed part of the work process). Should suspect materials be encountered, contact the Infrastructure Support Manager applicable to that site. There is an Asbestos Management Plan for this site the contractor must familiarize himself with it prior to commencing work.
- Should chemicals be used for work purposes, Material Safety Data Sheets (MSDS) must be available. All such chemicals must be appropriately labeled. Contractor's employees handling such material must be fully trained in WHMIS and the safe use, storage and disposal of the chemical.
- Smoking is not permitted in the hospital or on the job.
- Use of cellular telephones is not permitted within the hospital.
- Depending on conditions or circumstances, additional safety procedures may be applied. Generally, contractors and service agencies are required to perform their work in a professional and safe manner.
- The Infrastructure Support Manager has the responsibility of ensuring that all regulations are complied with and the authority to suspend work when and where the regulations are not being followed.
- A contractor must promptly notify Infrastructure Support of any accident which resulted or could have resulted in any injury or property damage and will assist Western Health in any resulting investigation.

Successful bidder must acknowledge agreement to this document by signing and returning concurrently with bonding and/or insurance.

Signature

Position

Date

CAN/CSA-Z317.13-17 INFECTION CONTROL DURING CONSTRUCTION OR RENOVATION OF HEALTH CARE FACILITIES

ACKNOWLEDGEMENT FORM

- 1. The requirements of CAN/CSA-Z317.13-17 will be followed for the work of this Contract. This standard describes precautionary and remedial measures for preventing exposure to agents and released of augmented because of actions undertaken during health care facility construction, renovation, maintenance and repair work.
 - 2. Contractors are to acknowledge that they have obtained, reviewed and understand the requirements of CAN/CSA-Z317.13.17 and that all costs associated with these infection control measure have been incorporated into the Tender amount.

Authorized Signing Officer

Title

Authorized Signing Officer

Title

SCHEDULE "B" BID SHEET – WESTERN HEALTH

Bidders **must** complete and submit the Bid Sheet. Type or legibly print the information required on the Bid Sheet. All questions or areas on the Bid Sheet must be answered, even if it is only to indicate that the referenced item is not available; blank items will be assumed to be unavailable and may result in rejection of the Bid. Where yes/no questions are asked and the space is left blank by the Bidder, the assumption will be that the answer to the question is no.

• Bid Price:

Price of Supply and Installation for Direct Digital Radiographic system with dual detectors:

- Please include descriptive literature with your bid.
- Please provide two copies of the tender response.
- COST OF TURN KEY RENOVATION PORTION FOR TENDER:

• <u>Please provide a detailed and comprehensive description of "turn-key"</u> <u>deliverables.</u>

Section 3.0 SPECIFICATIONS FOR

TENDER #0271-1726

3 (THREE) DIGITAL RADIOGRAPHY (DR) SINGLE DETECTOR, FLOOR MOUNTED X-RAY TUBE, GENERAL X-RAY SYSTEMS 1 (ONE) FOR:

THE STRAIT OF BELLE ISLE HEALTH CENTRE FLOWER'S COVE THE WHITE BAY CENTRAL HEALTH CENTRE RODDICKTON THE LABRADOR SOUTH HEALTH CENTRE FORTEAU (PLEASE GIVE AN OPTION FOR A CEILING SUSPENDED X-RAY TUBE FOR FLOWER'S COVE HEALTH CENTRE)

SPECIFICATIONS

Labrador Grenfell Health invites interested vendors to provide bids for the supply of and installation of 3 (Three) Digital Radiography (DR) Single Detector General X-ray Systems with Floor Mounted X-ray Tubes for the X-ray Departments at the following 3(Three) Health Centres:

- Strait of Belle Isle Health Centre Flower's Cove,
- White Bay Central Health Centre in Roddickton,
- Labrador South Health Centre in Forteau.

(With an option for a Ceiling Mounted X-ray Tube for Flower's Cove)

If Labrador Grenfell Health requires further purchases and Central Health, Western Health or Eastern Health would like to participate in this contract will you protect your pricing and allow any of the 4(four) Health Regions to opt into this contract within the next three (3) year period will your company protect your pricing for that period and will the Terms and Conditions remaining unchanged as per this bid response? Yes \square No \square

Bidders must respond to all questions as printed. All bidders must explicitly address each point in the spaces provided and give details where appropriate. Failure to do so and/or vagueness in responses will be interpreted as not meeting the required specifications. Any item not specifically identified as an option will be considered to be part of the purchase price quoted. It is the vendor's responsibility to clarify each section.

GENERAL SPECIFICATIONS/APPLICATIONS CLINICAL AND TECHNICAL REQUIREMENTS

The system **must** meet the (three) 3 sites electrical and site specifications listed in this table:

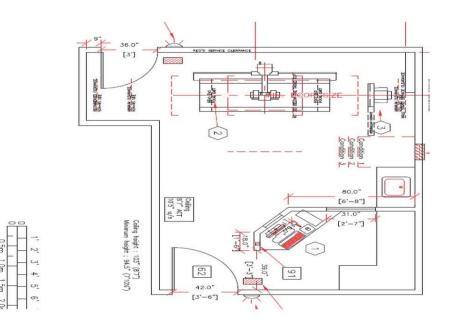
	TRANSFORMER	CEILING - FLOOR
	/KVP/VOLTAGE	<u>HEIGHT</u>
STRAITE OF BELLE ISLE HEALTH CENTRE FLOWER'S COVE	480 V/3P/75KVA	2608 MM
<u>LABRADOR SOUTH</u> <u>HEALTH CENTRE</u> <u>FORTEAU</u>	480V/3P/112.5 KVA	2387 MM
WHITE BAY CENTRAL		

HEALTH CENTRE RODDICKTON	480V/3P/112.5 KVA	2578 MM
Compliance: Yes 🗌 No	Comment	

The system **must** fit into the (three) sites existing general x-ray rooms, floor plan for each site are included here:

Strait of Belle Isle Health Centre Flower's Cove,

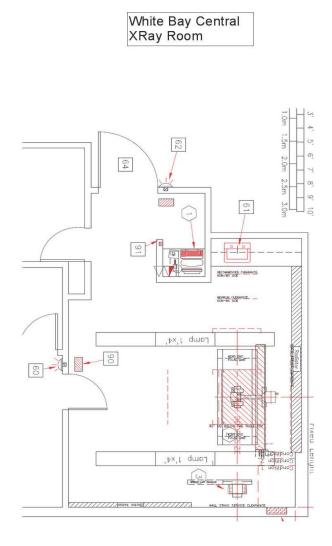
SBIHC XRay Room



Compliance:	Yes		No		Comment	
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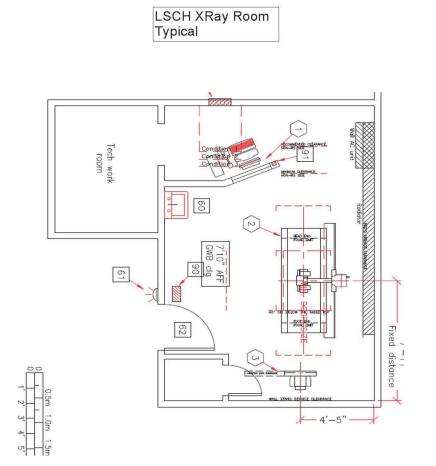
•

White Bay Central Health Centre in Roddickton,



Compliance: Yes No Comment

Labrador South Health Centre in Forteau:



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Compliance: Yes 🗌 No 🗌	Comment
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The system **must** meet the guidelines, codes and standards with the CSA/RPA 2317-13-12 for a Health Device..

Compliance:	Yes	No	Comment	
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The system **must** provide a general-purpose digital radiographic system to perform basic X-ray imaging and handle all general radiographic applications using a single detector must be included:

Compliance:	Yes		No		Comment	
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The system **must** have the functionality to perform, display and process superior imaging for the following procedures:

- General Radiographic Exams
- Chest
- Abdominal
- Vertebral column
- Scoliosis
- Upper and lower extremities
- Decubitus views
- Cross table views
- Supine and axial shoulder
- Lateral cross table hip
- Tunnel view for knee

Compliance:	Yes [No	Comment	
-				

The system **must** include all the hardware and software necessary to perform a wide variety of General Radiographic procedures for example:

- Post Processing of the image
- Soft tissue and Bone imaging with one exposure
- Trauma Stretcher patients
- Wheelchair patients

Yes	No	
Yes	No	
Yes	No	
Yes	No	

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• Pediatric Patients		Yes		No 🗌
Comment				
The system must be configure detector combination	d with a fully integ	grated wall stand w	vith <u>wi</u>	<u>reless</u> flat panel
Compliance: Yes 🗌 No	Comment			
The system must be configure Forteau and Roddickton sites. Compliance: Yes No		-		-
The system should be able to Cove site. Compliance: Yes No	_	-	-	
The system configuration mus regulators for the main system Compliance: Yes No	and Operators Co	nsole.		-
The system should be configu Compliance: Yes No		-		_
Any Necessary Cooling compositem. Compliance: Yes No				
The system must include a mi Operators Console. Compliance: Yes No		screen monitor, (12		-
The system should have the ca flat panel detector combination	pability of perform		tudies	using the wall stand/

ELEVATING TABLE:

The system must be equipped with Vertical Auto tracking table (the table is the master and floor stand follows the movement). Compliance: Yes No Comment
The table should be equipped with Horizontal Auto and Mechanical tracking Compliance: Yes No Comment
The table must have vertical movement to allow raising and lowering the table. Compliance: Yes No Comment
The table must have full length foot switches along the table base to control table top up/down movement to allow raising and lowering the table: Compliance: Yes No Comment
The minimum table top to floor height should be 50cm (20inches) Compliance: Yes No Comment
The table height should be at least adjustable from 50cm (20inches) to 90cm (36 inches) Compliance: Yes No Comment
The table must have a high weight capacity up to 350 kg or over . Compliance: Yes No Comment
The table must have a grid 40 lines/cm-12:1 ratio Focused at 100cm. Compliance: Yes No Comment
The tabletop must have minimum dimensions 210cm x 80 cm. Compliance: Yes No Comment
The tabletop must have radiographic coverage > 200cm. Compliance: Yes No Comment
The tabletop must be flat, scratch resistant surface, with accessory rails Compliance: Yes No Comment
Specify the following:
Range of table lateral movement:

Range of table tube longitudinal movement:
Range of table tube vertical, (up/down) movement:
Table top dimensions:
The system must have a radiolucent mattress for the table Compliance: Yes No Comment
The system must include electromagnetic brakes for table locks Compliance: Yes No Comment
The system must include controls for the electromagnetic brakes for table locks with a full length foot switch along the table base Compliance: Yes No Comment
The table shall have easy access from both sides (for patient transfer purposes). Compliance: Yes No Comment
The table must have a 4-way floating top: Compliance: Yes No Comment
The bucky travel should be 51 cm Total center-to-center. Compliance: Yes No Comment
The system must have a compression band for the table. Compliance: Yes No Comment
GENERATOR:
The system must have at minimum a 50 kW high frequency generator. Compliance: Yes No Comment
The system must have automatic exposure control. Compliance: Yes No Comment
The system must have programmable techniques Compliance: Yes No Comment

The Radiographic mA range must be minimum 10 to 600 mA Compliance: Yes No Comment Describe dose reduction features of the system:
Does the system have the capability of measuring and recording patient absorbed dose? Yes No
If yes comment
FLAT PANEL DETECTOR:
The system must be equipped with a single wireless flat panel detector for excellent static imaging, which can be used in the table and in the erect bucky: Compliance: Yes No Comment
The dimensions of the <u>in table</u> flat panel detector should be 35cm X 43cm (14 X 17 inches). Compliance: Yes No Comment
The <u>in table</u> detector must be configured to minimize image distortion and be removable Compliance: Yes No Comment
The "erect bucky" flat panel_detector must be removable and wireless Compliance: Yes No Comment
The wireless detector must be light weight for technologist when moving from the wall stand to the table, and using for free exposures Compliance: Yes No Comment
The wireless detector must function in the wall stand and in the table and also function for free exposures Compliance: Yes No Comment
The wireless detector should be a high-quantum-efficiency CsI scintillator Compliance: Yes No Comment

The wireless detector must have the wireless data transmission capability. Compliance: Yes No Comment
The minimal dimensions of the "erect bucky" wireless flat panel detector should be 35cm X 43cm (14 X 17 inches)
Compliance: Yes No Comment
Specify the quantum efficiency of the detector (DQE)
Specify the spatial resolution of the detector
The system must have a Lateral detector Holder up to 35cms (14inches) x 43cms (17.2inches) Compliance: Yes No Comment
The system must have a Lateral detector Holder movable on tabletop Compliance: Yes No Comment
The system must have a Lateral detector size on trolley with wheels Compliance: Yes No Comment
The system should have a grid that clips for attachment to the wireless detector to the outside of the unit.
Compliance: Yes No Comment
AUTO-TRACKING WALL STAND BUCKY:
The system must have a Vertical Auto- tracking Wall Stand (Wall Stand is the master and the floor stand follows the vertical movement). Compliance: Yes No Comment
The Vertical Wall Stand Bucky travel should be 150cm (from 40 cm to 190 cm). Compliance: Yes No Comment
The Vertical Wall Stand Bucky must have electromagnetic brakes. Compliance: Yes No Comment
The Vertical Wall Stand Bucky detector must be Left or Right load Compliance: Yes No Comment

The system must have hands support for Wall Stand.								
Compliance:	Yes	No		Comment				

The Auto Tracking Wall Stand should have a grid 40 lines/cm-12:1 ratio Focused at 150cm. Compliance: Yes No Comment

X-RAY TUBE:

The system must have both small and large focal spot (e.g. 0.6 and 1.2mm) Compliance: Yes No Comment
Specify maximum tube rating kW
Specify anode heat storage capacitykHU
The system must have a floor mounted x-ray tube Compliance: Yes No Comment
The system must have tube tracking of wall stand height Compliance: Yes No Comment
The system shall be configured with an x-ray tube with a demonstrated history of low tube failure rate Compliance: Yes No Comment
Specify the range of table tube angulations:
The maximum SID for the table x-ray tube must be no less than 150 cm (59 inches) Compliance: Yes No Comment
The system should have auto tracking movement aligned with the tube movement Compliance: Yes No Comment
The system must be equipped with centering lights for the x-ray tube. Compliance: Yes No Comment

The system should have a measuring chamber for measuring the dose- area product and/or the standardized patient entrance dose. Compliance: Yes No Comment

FLOOR MOUNT	FED TUBE S	TAND:

The system must be equipped with Manual movement, with fully counter balanced horizontal ube arm and vertical AUTO-TRACKING with Table and Wall Stand.
The system must have a Longitudinal tube travel 200 cm Compliance: Yes No Comment
The system must have a Transverse tube travel 30 cm, with detent at table center. Compliance: Yes No Comment
The system must have a Vertical tube travel 150cms Compliance: Yes No Comment
The system must have a focal spot – to – floor distance which is variable from 40cms, to 200cms Compliance: Yes No Comment
The system must have an x-ray tube rotation $\pm 150^{\circ}$ (detents at $+90^{\circ}, 0^{\circ}, -90^{\circ}$) Compliance: Yes \square No \square Comment
The system must have a Tube stand column rotation $\pm 180^{\circ}$ (detents at $+90^{\circ}, 0^{\circ}, -90^{\circ}$ Compliance: Yes \square No \square Comment
COLLIMATOR:
The system must have an Automatic collimator, LED centering bucky light, centering laser beam, timer and meter + integrated DAP/KERMA + motorized filters.
The system should have a lighting timer 30 seconds Compliance: Yes No Comment
The system should have an LED alignment light Compliance: Yes No Comment

The system must have inherent filtration 2.0mm aluminum (EN 60601-1-3) Compliance: Yes No Comment
The system must have a retractable measuring tape for SID Measuring Compliance: Yes No Comment
The system must have Tube Arm console displays SID and tube angle around the horizontal axis. Compliance: Yes No Comment
SOFTWARE/HARDWARE:
The system must have an Acquisition Workstation minimum single monitor LCD screen Compliance: Yes No Comment
The system's Acquisition Workstation must be a single flat screen minimum 48cm (1280 x1024 pixcels) Compliance: Yes No Comment
The system's image processing times for a single exposure exams including acquisition and image processing must have a minimum : • Final conditioned image display < 12 seconds Compliance: Yes No Comment
The image display functions must have a minimum:
 Window Level Yes No Gray Scale invert Yes No Interpolated zoom with roam Yes No Image flips (horizontal, vertical with automatic indicator) Yes No Image rotation 90 degree increments Yes No Manual shuttering Yes No Free rotation 360 degrees Yes No Please list other functions your system has:

The system must have the following minimum featur	es	
Work list Management	Yes	No 🗌
Simplified Auto Protocol	Yes	No 🗌
Patient Information Management	Yes	No 🗌
• Radiographic exposure control kV, mA, mAs	Yes	No 🗌
• AEC/Non –AEC selection	Yes	No 🗌
• Wall stand and Table mode	Yes	No 🗌
Tissue Equalization	Yes	No 🗌
• Image Push	Yes	No 🗌
Image Reprocessing	Yes	No 🗌
Image Transfer	Yes	No 🗌
DICOM print	Yes	No 🗌
• Please list any other features your system has:		

The system **must** have the following text annotations with configurable display on/off \mathbf{V}_{esc} **v** \mathbf{V}_{esc} **v**

•	Hospital institution name	Yes	No 🔄
•	Date, Time (hh:mm:ss) of acquisition	Yes	No 🗌
•	Laterality	Yes	No 🗌
•	Scale	Yes	No 🗌
•	Measurements (when activated)	Yes	No 🗌
•	Contrast, brightness values (window, level)	Yes	No 🗌
•	Processing look	Yes	No 🗌
٠	Anatomical view	Yes	No 🗌
•	Exposure technique including kVp, mA, mA	s,and time Ye	es 🗌 No 🗌
•	Estimated exposure dose (Dose area product	(DAP)read ou	t in dGy-cm2 units)
		Yes	No 🗌
•	Operator entered annotations	Yes	No 🗌
٠	Patient I.D. patient name	Yes	No 🗌
•	Patient Age and date of birth	Yes	No 🗌
•	WW/WL annotations	Yes	No 🗌
•	Edge annotations	Yes	No 🗌

• Please list any other text annotations your system has:

The system should have a barcode reader for patient data entry can be used for patient selection from the worklist: Compliance: Yes No Comment
NETWORKING:
The system must be capable of seamless data management from a single workstation/control Compliance: Yes No Comment
The system must be capable of complete network integration for Radiography Compliance: Yes No Comment
If connectivity licensing fees apply, the Vendor is responsible for payment to GE Healthcare for the licensing fee for connectivity and configurations including the work list. Compliance: Yes No Comment
The system must be able to connect to existing Meditech RIS/HIS via HL-7 protocol. Compliance: Yes No Comment
The system must have DICOM Verification Service Class (VSC) Compliance: Yes No Comment
The system must have DICOM Query/Retrieve Service Class (Q/R SC) Compliance: Yes No Comment
The system must have DICOM Storage Service Class (Both SCU & SCP) Compliance: Yes No Comment
The system must have DICOM Storage Commitment Service Class (Storage Commitment SC) Compliance: Yes No Comment
Vendor must provide DICOM conformance statement upon request Compliance: Yes No Comment

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All costs associated with connectivity of system to the G.E PACS and HIS /RIS is the responsibility of the vendor (interface, licences, software and hardware) Compliance: Yes No Comment

The system **must** be able to fully integrate with GE PACS Centricity 3.0 Compliance: Yes No Comment

All PACS inte	egrati	on costs i	must be	e included i	n the quoted price
Compliance:	Yes		o 🗌	Comment	

TURN KEY /CONSTRUCTION OPTION:

Please provide a quote for Turn key construction separate from the quote for the supply and installation of the Radiography system.

- The vendor's response **must** include a complete renovation/construction " turn key" quotation separate from the equipment and installation quote.
- > Electrical Permits, if required, must be included in the price.
- The vendor's construction team **must** be compliant with Labrador Grenfell Health's Infection Control regulations, their Contractor /Vendor Policy and Safety Policy, and compliant with the Labrador Grenfell Health OATH of Confidentiality policy.
- The tender response must include all equipment installation and construction requirements and costs based upon current building codes.
- The system must meet the guidelines, codes and standards with the CSA/RPA 2317-13-12 for a Health Device.
- > The design of the space will be agreed upon by the purchaser and LG Health.
- > The "Turn-Key" quotation **must** also include, but not be limited to the following:
 - All local building permits
 Yes
 - All lighting ,Electrical, and data wiring
 - All ventilation/Air Conditioning requirements
 - All matters/cost related to delivery of equipment
 - Appropriate repair to hard surface flooring throughout the affected area.
- Vendors are advised to visit the three sites and meet with stakeholders prior to submitting quotation. Any inaccuracies in site condition that cause additional cost to install the units will not be entertained.
- The response to this tender must include a full and comprehensive scope of work related to the "Turn Key" renovations/construction.
- Yes No Yes No Yes No Yes No Yes No Yes No hout the affected area.

Yes No

> Acceptance of the "Turn Key" option will be at the discretion of the purchaser.

Price of Turn Key construction not including taxes_ for each of the listed sites (separately priced):

• Strait of Belle Isle Health Centre Flower's Cove:

\$ (no taxes)

• White Bay Central Health Centre in Roddickton:

\$ (no taxes)

• Labrador South Health Centre in Forteau:

\$ (no taxes)

ERGONOMICS:

List ergonomic advances of the quoted system:

- Unit Movement ______
- Column Movement ______
- Technical Controls ______
- Locks
- Other _____

SERVICE:

The system **must** have an on board error log that runs continuously and is accessible by service to help diagnose problems.

Compliance: Yes No Comment

The system **must** provide an on board modem in order to allow the manufacturer's service organization to monitor system performance, run diagnostics, and transfer images

>	<pre>for the purpose of problem identification, resolution and the reduction of down time from a remote location. Compliance: Yes No Comment The manufacturer must provide a toll free help service including the ability, via a modem, to allow real time monitoring of user keystrokes from a remote location by the individual providing the help. Compliance: Yes No Comment</pre>	
WAR	RANTY:	
>	The vendor must provide one year full warranty including parts and labour. Compliance: Yes No Comment	
>	All software update and enhancements must be provided free of charge during the warranty period. Compliance: Yes No Comment	
>	State time of delivery after receipt of order:	
>	Specify time required to complete installation	
>	State the cost of a one year full service contract.	
>	State the cost of a five year full service contract.	
USER	R SUPPORT AND TRAINING:	

>	The manufacturer must supply <u>on-site</u> applications training at the time of system delivery
	and must incur all applicable costs for training and travel expenses.
	Compliance: Yes 🗌 No 🗌 Comment

> Please provide details on the proposed training:

Number of on-site training hours
Number of hours of follow-up training

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Please describe additional training packages or opportunities and associated costs

BIOMEDICAL TRAINING:

Please provide a detail description on available bio-medical training. Provide details on type, amount of time and location of training. Include a total cost with a breakdown of travel related expenses.

SYSTEM EVALUATION:

Awarding of tender will be based upon the following:

- Price
- Functionality
- Ergonomics
- Delivery and Install Date

The Vendor may be required to provide a site visit for up 4 people to evaluate the proposed system. Cost to be stipulated separately.

Compliance: Yes	No Comment
The vendor(s) must prov	ide four (2) copies of the tender response
Compliance: Yes	No Comment

OPTIONS:

(1) > Please quote and identify any other options not included in this tender response.

BID SHEET

Bidders **must** complete and submit the Bid Sheet. Type or legibly print the information required on the Bid Sheet. All questions or areas on the Bid Sheet must be answered, even if it is only to indicate that the referenced item is not available; blank items will be assumed to be unavailable and may result in rejection of the Bid. Where yes/no questions are asked and the space is left blank by the Bidder, the assumption will be that the answer to the question is no. **BID PRICE**

1. Price of the system as quoted with each system priced separately :

Strait of Belle Isle Health Centre, Flower's Cove

\$_____ (no taxes).

White Bay Central Health Centre, Roddickton

\$_____ (no taxes).

Labrador South Health Centre, Forteau

\$_____(no taxes).

2. Price of all (three)3 systems as quoted all priced together

\$_____(no taxes).