



## RETURN BIDS TO:

## RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government  
Services Canada/Réception des  
soumissions/Travaux publics et Services  
gouvernementaux Canada

See herein for bid submission  
instructions/

Voir la présente pour les  
instructions sur la présentation  
d'une soumission

NA

Ontario

## REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

**Proposal To: Public Works and Government  
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right  
of Canada, in accordance with the terms and conditions  
set out herein, referred to herein or attached hereto, the  
goods, services, and construction listed herein and on any  
attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services  
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la  
Reine du chef du Canada, aux conditions énoncées ou  
incluses par référence dans la présente et aux annexes  
ci-jointes, les biens, services et construction énumérés  
ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

**Comments - Commentaires**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

Public Works and Government Services / Travaux publics et  
services gouvernementaux  
Kingston Procurement  
Des Acquisitions Kingston  
86 Clarence Street, 2nd floor  
Kingston  
Ontario  
K7L 1X3

<b>Title - Sujet</b> Computer Radiography Imaging System	
<b>Solicitation No. - N° de l'invitation</b> W3474-212581/B	<b>Date</b> 2021-04-09
<b>Client Reference No. - N° de référence du client</b> W3474-21-2581	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$KIN-655-8379	
<b>File No. - N° de dossier</b> KIN-0-54125 (655)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Eastern Daylight Saving Time EDT <b>on - le 2021-05-17</b> Heure Avancée de l'Est HAE	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Semple, Patrick	<b>Buyer Id - Id de l'acheteur</b> kin655
<b>Telephone No. - N° de téléphone</b> (613) 449-3112 ( )	<b>FAX No. - N° de FAX</b> (613) 545-8067
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> Aerospace and Telecommunication Engineering Support Squadron 8 Wing/CFB Trenton Astra, ON K0K 3W0	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b> See Herein – Voir ci-inclus	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

## TABLE OF CONTENTS

<b>PART 1 - GENERAL INFORMATION .....</b>	<b>4</b>
1.1 SECURITY REQUIREMENTS .....	4
1.2 REQUIREMENT .....	4
1.3 DEBRIEFINGS .....	4
1.4 EPOST CONNECT SERVICE .....	4
<b>PART 2 - BIDDER INSTRUCTIONS .....</b>	<b>4</b>
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS .....	4
2.2 SUBMISSION OF BIDS – EPOST ONLY .....	5
2.3 ENQUIRIES - BID SOLICITATION .....	5
2.4 APPLICABLE LAWS .....	5
2.5 BID CHALLENGE AND RECOURSE MECHANISMS .....	6
<b>PART 3 - BID PREPARATION INSTRUCTIONS .....</b>	<b>6</b>
3.1 BID PREPARATION INSTRUCTIONS .....	6
<b>PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION .....</b>	<b>7</b>
4.1 EVALUATION PROCEDURES .....	7
4.2 BASIS OF SELECTION .....	7
<b>PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION .....</b>	<b>8</b>
5.1 CERTIFICATIONS REQUIRED WITH THE BID .....	8
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION .....	8
<b>PART 6 - RESULTING CONTRACT CLAUSES .....</b>	<b>9</b>
6.1 SECURITY REQUIREMENTS .....	9
6.2 REQUIREMENT .....	9
6.3 STANDARD CLAUSES AND CONDITIONS .....	9
6.4 TERM OF CONTRACT .....	11
6.5 AUTHORITIES .....	11
6.6 PAYMENT .....	12
6.7 INVOICING INSTRUCTIONS .....	13
6.8 CERTIFICATIONS AND ADDITIONAL INFORMATION .....	13
6.9 APPLICABLE LAWS .....	13
6.10 PRIORITY OF DOCUMENTS .....	13
6.11 SACC MANUAL CLAUSES .....	14
6.12 INSPECTION AND ACCEPTANCE .....	14
6.13 DISPUTE RESOLUTION .....	14
<b>ANNEX "A" .....</b>	<b>15</b>
REQUIREMENT .....	15
<b>ANNEX "B" .....</b>	<b>22</b>
BASIS OF PAYMENT .....	22
<b>ANNEX "C" .....</b>	<b>23</b>
MANDATORY TECHNICAL EVALUATION CRITERIA .....	23

Solicitation No. - N° de l'invitation  
W3474-212581/B  
Client Ref. No. - N° de réf. du client  
W3474-21-2581

Amd. No. - N° de la modif.  
File No. - N° du dossier  
KIN-0-54125

Buyer ID - Id de l'acheteur  
kin655  
CCC No./N° CCC - FMS No./N° VME

---

<b>ANNEX “D” TO PART 3 OF THE BID SOLICITATION .....</b>	<b>28</b>
ELECTRONIC PAYMENT INSTRUMENTS.....	28
<b>ANNEX “E” .....</b>	<b>29</b>
SECURITY REQUIREMENTS CHECK LIST.....	29
<b>ANNEX “F” TO PART 5 OF THE BID SOLICITATION.....</b>	<b>30</b>
FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION.....	30

**This bid solicitation cancels and supersedes previous bid solicitation number W3474-212581/A dated 2020-12-08 with a closing of 2021-01-20 at 14:00. A debriefing or feedback session will be provided upon request to bidders/offerors/suppliers who bid on the previous solicitation.**

**Important Note - Changes to the Annex A and Annex C from the previous solicitation are highlighted in Gray.**

## **PART 1 - GENERAL INFORMATION**

### **1.1 Security Requirements**

1. At the date of bid closing, the following conditions must be met:
  - (a) the Bidder must hold a valid organization security clearance as indicated in Part 6 - Resulting Contract Clauses;
  - (b) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work sites must meet the security requirements as indicated in Part 6 - Resulting Contract Clauses;
  - (c) the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites;
2. For additional information on security requirements, Bidders should refer to the [Contract Security Program of Public Works and Government Services Canada](http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.

### **1.2 Requirement**

The requirement is detailed under Article 6.2 of the resulting contract clauses.

### **1.3 Debriefings**

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

### **1.4 epost Connect service**

This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

## **PART 2 - BIDDER INSTRUCTIONS**

### **2.1 Standard Instructions, Clauses and Conditions**

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The [2003](#) (2020-05-28) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

## **2.2 Submission of Bids – epost only**

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time indicated in the bid solicitation.

### **PWGSC Ontario Region Bid Receiving Unit**

Only bids submitted using epost Connect service will be accepted. The Supplier must send an email requesting to open an epost Connect conversation to the following address:

[TPSGC.orreceptiondessoumissions-orbidreceiving.PWGSC@tpsgc-pwgsc.gc.ca](mailto:TPSGC.orreceptiondessoumissions-orbidreceiving.PWGSC@tpsgc-pwgsc.gc.ca) (*email address for epost Connect service*)

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions [2003](#), or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

It is the Bidder's responsibility to ensure the request for opening an epost Connect conversation is sent to the email address above at least six (6) days before the Request for Proposals closing date.

Due to the nature of the Request for Proposal, transmission of bids by facsimile or hardcopy to PWGSC will not be accepted.

## **2.3 Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority no later than 7 calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

## **2.4 Applicable Laws**

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

## 2.5 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
- Office of the Procurement Ombudsman (OPO)
  - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

## PART 3 - BID PREPARATION INSTRUCTIONS

### 3.1 Bid Preparation Instructions

- The Bidder must submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid  
Section II: Financial Bid  
Section III: Certifications

Bids transmitted by facsimile or hardcopy will not be accepted.

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

#### Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

#### Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment.

##### 3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "D" Electronic Payment Instruments, to identify which ones are accepted.

If Annex "D" Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

### 3.1.2 Exchange Rate Fluctuation

C3011T (2013-11-06), Exchange Rate Fluctuation

### 3.1.3 SACC Manual Clauses

#### Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

## PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

### 4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

#### 4.1.1 Technical Evaluation

##### 4.1.1.1 Mandatory Technical Criteria

The Mandatory Technical Evaluation Criteria are detailed in Annex C.

#### 4.1.2 Financial Evaluation

##### 4.1.2.1 Mandatory Financial Criteria

- (a) Bidders must provide unit prices in Canadian dollars Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included for all items at Annex "B" Basis of Payment.
- (b) Bidders must not alter the pricing tables at Annex "B".
- (c) Bidders must provide unit pricing for each item in both Pricing Basis "A" – Initial Deliverables and Pricing Basis "B" – Optional Goods.
- (d) The unit price for each line item will be multiplied by the quantity to established the extended price
- (e) The price used in the evaluation will be the Evaluated Price, which is calculated as follows:

The Evaluated Price is the sum of the extended prices of Pricing Basis "A" – Initial Deliverables and Pricing Basis "B" – Optional Goods.

### 4.2 Basis of Selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

## PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

### 5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

#### 5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

### 5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

#### 5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

#### 5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.



Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed annex titled Federal Contractors Program for Employment Equity - Certification, before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

## PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

### 6.1 Security Requirements

**6.1.1** The following security requirements (SRCL and related clauses provided by the Contract Security Program) apply and form part of the Contract.

#### SECURITY REQUIREMENT FOR CANADIAN SUPPLIER: PWGSC FILE No W3474-212581

1. The Contractor/Offeror must, at all times during the performance of the Contract/Standing Offer, hold a valid Designated Organization Screening (DOS), issued by the Contract Security Program (CSP), Public Works and Government Services Canada (PWGSC).
2. The Contractor/Offeror personnel requiring access to sensitive site(s) must EACH hold a valid RELIABILITY STATUS, granted or approved by the CSP, PWGSC.
3. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of the CSP, PWGSC.
4. The Contractor/Offeror must comply with the provisions of the:
  - a) Security Requirements Check List and security guide (if applicable), attached at Annex D;
  - b) *Industrial Security Manual* (Latest Edition).

### 6.2 Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex "A".

### 6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

#### 6.3.1 General Conditions

2010A (2020-05-28), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

The 2010A (2020-05-28), General Conditions - Goods (Medium Complexity) is appended with Section 32 - Intellectual Property Infringement and Royalties, as follows:

1. The Contractor represents and warrants that, to the best of its knowledge, neither it nor Canada will infringe any third party's intellectual property rights in performing or using the Work, and that Canada will have no obligation to pay royalties of any kind to anyone in connection with the Work.
2. If anyone makes a claim against Canada or the Contractor concerning intellectual property infringement or royalties related to the Work, that Party agrees to notify the other Party in writing immediately. If anyone brings a claim against Canada, according to Department of Justice Act, R.S. 1985, c. J-2, the Attorney General of Canada must have the regulation and conduct of all litigation for or against Canada, but the Attorney General may request that the Contractor defend Canada against the claim. In either case, the Contractor agrees to participate fully in the defence and any settlement negotiations and to pay all costs, damages and legal costs incurred or payable as a result of the claim, including the amount of any settlement. Both Parties agree not to settle any claim unless the other Party first approves the settlement in writing.
3. The Contractor has no obligation regarding claims that were only made because:
  - a. Canada modified the Work or part of the Work without the Contractor's consent or used the Work or part of the Work without following a requirement of the Contract; or
  - b. Canada used the Work or part of the Work with a product that the Contractor did not supply under the Contract (unless that use is described in the Contract or the manufacturer's specifications); or
  - c. the Contractor used equipment, drawings, specifications or other information supplied to the Contractor by Canada (or by someone authorized by Canada); or
  - d. the Contractor used a specific item of equipment or software that it obtained because of specific instructions from the Contracting Authority; however, this exception only applies if the Contractor has included the following language in its own contract with the supplier of that equipment or software: "[Supplier name] acknowledges that the purchased items will be used by the Government of Canada. If a third party claims that equipment or software supplied under this contract infringes any intellectual property right, [supplier name], if requested to do so by either [Contractor name] or Canada, will defend both [Contractor name] and Canada against that claim at its own expense and will pay all costs, damages and legal fees payable as a result of that infringement." Obtaining this protection from the supplier is the Contractor's responsibility and, if the Contractor does not do so, it will be responsible to Canada for the claim.
4. If anyone claims that, as a result of the Work, the Contractor or Canada is infringing its intellectual property rights, the Contractor must immediately do one of the following:
  - a. take whatever steps are necessary to allow Canada to continue to use the allegedly infringing part of the Work; or
  - b. modify or replace the Work to avoid intellectual property infringement, while ensuring that the Work continues to meet all the requirements of the Contract; or
  - c. take back the Work and refund any part of the Contract Price that Canada has already paid.

If the Contractor determines that none of these alternatives can reasonably be achieved, or if the Contractor fails to take any of these steps within a reasonable amount of time, Canada may choose either to require the Contractor to do (c), or to take whatever steps are necessary to acquire the rights to use the allegedly infringing part(s) of the Work itself, in which case the Contractor must reimburse Canada for all the costs it incurs to do so.

### **6.3.2 Supplemental General Conditions**

(a) 4003 (2010-08-16), Licensed Software;

apply to and form part of the Contract.

## **6.4 Term of Contract**

### **6.4.1 Period of the Contract**

The period of the Contract is from date of Contract to 31 May, 2024 inclusive.

### **6.4.2 Delivery Date**

All the initial deliverables must be received on or before 1 November, 2021.

### **6.4.3 Optional Goods**

The Contractor grants to Canada the irrevocable option to acquire the goods described at Annex B of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option at any time before the expiry of the Contract by sending a written notice to the Contractor.

### **6.4.3 Delivery Points**

Delivery of the requirement will be made to delivery point specified at Annex "A" of the Contract.

Department of National Defence  
ATESS  
35 Westwin Ave  
Trenton  
ON  
K0K 3W0

## **6.5 Authorities**

### **6.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Name: Patrick Semple  
Title: Supply Specialist  
Organization: Public Works and Government Services  
Canada, Acquisitions Branch

Solicitation No. - N° de l'invitation  
W3474-212581/B  
Client Ref. No. - N° de réf. du client  
W3474-21-2581

Amd. No. - N° de la modif.  
File No. - N° du dossier  
KIN-0-54125

Buyer ID - Id de l'acheteur  
kin655  
CCC No./N° CCC - FMS No./N° VME

---

Address: 86 Clarence Street,  
Kingston, Ontario, K7L  
1X3  
Telephone: 613-449-3112  
E-mail address: patrick.semple@pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

### 6.5.2 Project Authority

The Project Authority for the Contract is: (to be completed at contract award)

Name:  
Title:  
Organization:  
Address:

Telephone:  
Facsimile:  
E-mail address:

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

### 6.5.3 Contractor's Representative (to be completed at contract award)

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_

Telephone : \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

## 6.6 Payment

### 6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex B for a cost of \$\_\_\_\_\_ (**amount to be inserted at contract award**). Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

---

### 6.6.2 Method of Payment

*SACC Manual* clause H1001C (2008-05-12) Multiple Payments

### 6.6.3 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);

### 6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
  - a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.
  - b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

### 6.8 Certifications and Additional Information

#### 6.8.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

### 6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

### 6.10 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) the supplemental general conditions 4003 (2010-08-16), Licensed Software;
- (c) the general conditions - Goods (Medium Complexity) 2020-05-28;
- (d) Annex A, Requirement;

- 
- (e) Annex B, Basis of Payment;
  - (f) Annexe C, Security Requirements Check List;
  - (g) the Contractor's bid dated \_\_\_\_\_

#### **6.11 SACC Manual Clauses**

G1005C (2016-01-28) Insurance

#### **6.12 Inspection and acceptance**

The Project Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

#### **6.13 Dispute Resolution**

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "[Dispute Resolution](#)".

## **ANNEX "A"**

### **REQUIREMENT**

#### **1.0 BACKGROUND**

The Royal Canadian Air Force (RCAF), has a requirement to obtain ten (10) Computed Radiography (CR) imaging systems in order to facilitate a move away from traditional radiographic film based aircraft inspections. CR imaging technology will allow the elimination of chemical based film development, rapid transfer of inspection results between facilities, and large capacity storage of electronic image files.

#### **2.0 OBJECTIVE**

2.1 To obtain digital radiographic imaging platforms for the RCAF. The system described is classified as a complete Computed Radiography system, employing state of the art photostimulable phosphor imaging plates (IP's) as the collection media for radiographic data in the same fashion as X-ray films used for the purpose of non-destructive inspection evaluation, except that these phosphors must be capable of being erased and re-used. An automated programmable method of extracting the data and subsequently erasing the phosphors and a method for displaying and storing the images must be provided.

2.2 The Contractor is responsible for ensuring that the Work fully complies with the requirements of the Contract and, in particular, the Contractor is responsible for ensuring that the Work fully furnish and correspond to the Technical Requirements in Annex A

2.3 The CR system must be a table-top, portable system with integral eraser capable of processing standard size flexible IPs (14 x 17 inches, and 8 x 10 inches) as well as custom sized flexible IPs as small as 2 x 4 inches.

#### **3.0 SYSTEM**

Each CR system described in this document must be turnkey and must include the following:

- a. Imaging Plates (flexible phosphors often referred to as 'blue' imaging plates);
- b. Rigid Cassettes for exposure;
- c. Flexible cassettes for exposure;
- d. Scanner (Image Reader/Erasure Unit);
- e. System Controller/Workstation;
- f. Display Monitor(s);
- g. System certification equipment;
- h. Software for image acquisition, image viewing, database, data archiving, and data sharing; and

- i. The equipment shall be supplied with a suitable hard-shell case(s). The specified case(s) will be for the shipping and storage of the imager, operating computer workstation, monitor(s), and associated cables only. There is no need to provide a case for the ancillary equipment such as phantoms, imaging plates and sleeves, as these can be shipped/stored separately.

## 4.0 SCOPE OF REQUIREMENT

CR systems must have the following characteristics as a minimum unless specified otherwise:

### 4.1 The CR System

Must be a commercial item capable of producing radiographic images equal to or exceeding the general radiographic requirements of the American Standards for Testing and Methods (ASTM) specification E 1742, Standard Practice for Radiographic Examination. The system must be suitable for non-destructive inspection of a variety of both metallic and non-metallic products utilized in military aircraft maintenance environments.

#### 4.1.1 Environment

The CR System must:

- a. be capable of being used in an area with low lighting.
- b. perform to the specifications in this product description in temperatures from 15 to 35 degrees Celsius (59 to 95 degrees Fahrenheit) at minimum 80% relative humidity or greater and from 0 to 5,000 feet above sea level.
- c. be capable of being stored from minus (-) 10 to 50 degrees Celsius (15 to 122 degrees Fahrenheit).
- d. be able to operate when supplied with either 100-240 Volt Alternating Current – 50 or 60 Hertz (100-240 VAC – 50/60 Hz) automatically selected.

### 4.2 Hardware

The CR system must contain the following additional sub-components:

#### 4.2.1 Imaging Plates and Flexible Exposure Cassettes

The type of imaging plates (IP) commercially available and technically compatible with the proposed CR systems must be identified in the Operational and Technical Manual and Illustrated Parts Breakdown. All IPs must be flexible. The type and generation of IP must be disclosed, as well as any licensing required. The following IPs and flexible cassettes must be included:

- a. Ten (10) flexible 14 x 17 inch ultra-high resolution IPs each with flexible cassettes and
- b. Fifty (50) flexible 14 x 17 inch high-resolution IPs each with flexible cassettes.

#### 4.2.2 Processing Cassettes



Flexible IP cassettes are preferred, however, if rigid cassettes are required for processing they must be included. If the processing cassette is not integral to the scanner, a minimum of twenty (20) processing cassettes must be provided for each IP size listed in 4.2.1.

#### **4.2.3 System certification equipment must include:**

- a. ten (10) phantom panel process control standards that meets or exceeds the USAF CRPSC (NSN 6635-01-555-4372).
- b. ten (10) Equivalent Penetrameter Sensitivity (relative IQI) panel sets in aluminum and ten (10) stainless steel as specified within ASTM E-746.
- c. Software based signal to noise ratio tool for determining system image quality as per ASTM E2445, Para 9. Calculation of the Results, Acceptance Criteria, and Report, sub para 9.5, SNR.

#### **4.2.4 Scanner (Image Reader/Erasure Unit) must:**

- a. be capable of automatically reading and erasing the IP in a single operation.
- b. read the IP at a 16 Bit gray scale depth as a minimum.
- c. have a throughput capable of acquiring data from a 14 x 17 inch IP at a spatial resolution of 50 micron (30 plates/ hour) and 100 micron (60 plates/hour) at a minimum. A scanner with spatial resolution range better than 50 and 100 microns, a slightly lower scan speed is acceptable for the higher resolution scan settings if the maximum processing time is no greater than 5 minutes.
- c. be capable of handling "custom cut" IPs (i.e. IPs of non-rectangular, unique shapes).
- d. not induce scratches/ processing marks on IP's as a result of mechanical processing.
- e. utilize a passive means to prevent particulate entry in order to minimize any potential damage to internal components from foreign dust and debris.

#### **4.2.5 System Controller/Workstation must:**

- a. include a CPU, keyboard, mouse, and at least one display monitor (see 4.2.6 for display monitor).
- b. the workstation must serve as the Controlling Programming device and driver system for the scanner (Image Reader/Eraser Unit) and must serve as a viewing device to view, manipulate, interpret, and file images. Enable the user to program inspection Pre-Set menus.
- c. Enable the user to perform system diagnostics.
- d. The CPU must include:
  - 1. The latest MS Windows Operating System
  - 2. Internal dual-format DVD/CD writer or equivalent where content can be viewed on other DVD-ROM drives, DVD players, DVD recorders or equivalent standardized formats.
  - 3. A minimum of 3 USB ports available for transferring data to/from external devices.

#### **4.2.6 Display Monitor(s) must**

- a. Include a minimum of one (1) 27 inch flat panel, monochromatic display monitor with a minimum resolution of 3 mega pixel for viewing the computed radiograph.

- b. Have the ability to display acquisition and filing information on a separate color monitor.

#### **4.3 Software**

All software for this system must be lifetime licensed and revisions made during the life of the contract must be included at no additional charge.

##### **4.3.1 Image acquisition software must**

- a. Provide a means to record pertinent data related to the image including:
  - 1. The ability to record and organize file data per ASTM E2339 "Standard Practice for Digital Imaging and Communication in Non-destructive Evaluation (DICONDE)" and ASTM E2738 "Standard Practice for Digital Imaging and Communication Non-destructive Evaluation (DICONDE) for Computed Radiography (CR) Test Methods"
  - 2. Technique information including but not limited to kV, mA, time, source-to-detector distance, and general notes.
  - 3. Automatic recording of DICONDE data including but not limited to sampling resolution, date/time, and operator.
- b. Activate the start of the Read/Erase cycle.

##### **4.3.2 Image viewing software.**

The CR system image analysis software must be capable of leveling the image in no more than two operations. All image manipulations and calculations must be conducted with at least 12-bit grayscale pixel depth. Image viewing software must provide the following "tools" as a minimum:

- a. Window/Level – Ability to manually adjust the Window (contrast) and Level (brightness).
- b. Pan – Ability to manually pan the image.
- c. Magnification.
  - 1. Ability to manually adjust the magnification (zoom) up to a minimum of 400%, including the ability to display the image at 1:1 pixel mapping.
  - 2. Ability to display a thumbnail view indicating the displayed portion of the image relative to the entire image when using digital magnification.
  - 3. Ability to display the digital magnification (zoom) level.
  - 4. Area of interest floating magnifier tool with a minimum magnification of 300%.
  - 5. Gray Value Readout.
  - 6. Ability to measure and display the gray value of individual pixels.
- d. Measurement.
  - 1. Ability to obtain calibrated measurements in linear, area, and angle, with user selectable Metric or Imperial format, with the ability to compensate for any geometric enlargement.

2. Ability to generate a user defined area of interest, capable of calculating the histogram of gray values, as well as the mean, standard deviation, and signal-to-noise ratio in the area of interest.
3. Ability to generate a line profile of gray values using a line of variable width and length specified by the user.
- e. Image Manipulation and Enhancements.
  1. Ability to initially display images without image enhancements and then allow the user to apply filters, edge enhancements or contrast enhancements as desired.
  2. Ability to display the image in either negative or positive polarity.
  3. Ability to change image display orientation, including the ability to mirror and rotate the image at 90 degree intervals.
  4. Ability to include inspector generated annotations on the image including but not limited to text, circle/box outlines, and arrows.
  5. Ability to display any selected DICONDE data on the image
  6. Ability to display the image menu algorithms applied to the image.

#### **4.3.3 Display monitor software.**

- a. Visual test pattern - Monitor software must include the SMPTE RP133 test pattern, and the ability to display the test pattern on the high resolution monochrome display monitor.
- b. Self-diagnostic capability - Monitor software must include self-diagnostic software, including but not limited to, display brightness checks on the high resolution monochrome display monitor.

#### **4.4 Database, data archiving and data sharing.**

The CR System's Database and Archiving program must be must be compatible with the latest version of MS Windows.

##### **4.4.1 Filing structure.**

Be able to logically inventory images for image selection and retrieval and applicable "search" functions.

##### **4.4.2 File format.**

- a. DICONDE. Image files must be in a DICONDE compliant file format per ASTM E2339 and ASTM E2738.
- b. DICONDE Headers. At a minimum, the following data must be stored in the DICONDE Headers:
  1. CR system manufacturer and model
  2. Viewing software and version number
  3. Imaging plate serial number or other unique identifier
  4. Pixel pitch (in microns)
  5. Unit Name (Nomenclature)
  6. Aircraft identification
  7. Component identification
  8. Technique parameters (kV, mA, time, distance)

- 9. Other notes as required
- 10. Date of Inspection
- 11. Name of inspector (s)

- c. Other file formats. Image files must be able to be filed and exported in other formats (J-PEG, BITMAP, GIF, etc).

#### **4.4.3 Data Saving/Archival.**

- a. Software must retain the original (raw) data. The original data must be capable of being re-processed and re- displayed using the same or another process algorithm without having to take another radiographic exposure.
- b. The full bit depth of the image, as read from the IP, must be retained in the saved image.
- c. Digital Annotation. If digital labeling is used, it must not permanently alter the nature of the original image or hinder interpretation of an area within the image.
- d. Data must be capable of being archived.

#### **4.4.4 Data Sharing.**

- a. Must be capable of saving and retrieving data directly to/from the system's hard drive, as well as CDs, DVDs, external hard drives, or equivalent formats.
- b. Must be capable of exporting images to other CR systems' workstation, whether of the same commercial brand or not as long as the other CR system is also a DICONDE Compliant system.
- c. Images exported to other DICONDE network must be able to be viewed, manipulated, interpreted, and stored.
- d. Users must be able to transmit DICONDE images through DICONDE network without loss of image resolution when viewed at comparable display screens.
- e. Ability to allow third-party viewing of images, without the requirement of having a system workstation. No special, proprietary software or workstation must be required to operate the viewing software.
- f. Must have the ability to transmit images through the network or posting on the web.
- g. Must have the ability to print hard copies from any commercially available printer at the time of the contract award as well as any specialty printers with both reflected and transmitted light formats, of various sizes and up to at least 14 x 17 inches.

#### **4.5 Shipping Container.**

The equipment shall be supplied with a suitable hard-shell case(s). The specified case(s) will be for the shipping and storage of the imager, operating computer workstation, monitor(s), and associated cables only. There is no need to provide a case for the ancillary equipment such as phantoms, imaging plates and sleeves, as these can be shipped/stored separately.

#### **4.6 Installation, Training, and Set-Up of CR System.**

A minimum of five (5) days of virtual in depth training in the CR system's operations, applications, and best practices including equipment setup and calibration. The training will not need to be in accordance with any specific certification program or industry standard and can occur at a mutually agreeable time prior to 31 March 2022. Follow up training is not expected. Training must be provided for up to eight (8) technicians at each of the following Non-Destructive Testing Area Facilities:

- a. Comox, BC
- b. Cold Lake, AB
- c. Winnipeg, MB
- d. Trenton, ON
- e. Alouette, QC
- f. Greenwood, NS
- g. Shearwater, NS

#### **4.7 CR System's Operation and Technical Manual**

CR System's Operation and Technical Manual must be provided and at a minimum must include:

- a. CR Systems Technical Operation and Maintenance.
- b. CR Systems Illustrated Parts Breakdown including compatible IPs available commercially.
- c. Obligatory Service and Calibration Maintenance Schedule Requirements.
- d. Vendor/Contractor's Point of Contact for information on installation services, training classes, other training resources, as well as service and calibration requirements.

#### **5.0 DOCUMENTATION**

One copy of the commercial operation and maintenance instructions, including calibrations procedures and adjustments, as applicable, must be shipped with each item. Two paper and two electronic copies of the operation and maintenance instructions (above), illustrated parts breakdown, diagnostics, and servicing instructions, must be included with each imaging system. All documentation must be releasable for third-party repairs.

#### **6.0 DELIVERY**

All units will be delivered to:

Department of National Defence  
ATESS  
35 Westwin Ave  
Trenton  
ON K0K 3W0

#### **7.0 WARRANTY and SERVICE**

The supplier must provide the following warranty within the purchase price:

- a) Minimum one year parts and labour warranty.

## ANNEX "B"

### Basis of Payment

For the requirement as described in Annex A "Requirement", the Contractor must provide a firm price including delivery. All prices must be in Canadian currency, FOB Destination, including customs duties, and excise taxes, if applicable. HST is extra.

Bidders must provide unit prices for both Pricing Basis "A" and Pricing Basis "B"

### Pricing Basis "A" – Initial Deliverables

Must be delivered on or before 1 November 2021

Item	Description	Qty (A)	Unit Price (B)	Extended Price (A) X (B)
1	Computed Radiography (CR) imaging system as described in Annex "A" Requirement	10	\$ _____ CAD	\$ _____ CAD

### Pricing Basis "B" - Optional Goods

Options to purchase up to a further 5 units until 31 March 2024

Item	Description	Estimated Qty (A)	Unit Price (B)	Extended Price (A) X (B)
1	Computed Radiography (CR) imaging system as described in annex "A" Requirement	5	\$ _____ CAD	\$ _____ CAD

## ANNEX "C"

### Mandatory Technical Evaluation Criteria

The Bidder must demonstrate that their proposed equipment meets or exceeds the following Mandatory Technical Evaluation Criteria. For each specification listed, the bidder must include a reference to supporting technical documents included with their bid, such as literature, brochures and/or specifications for their proposed equipment, where it is clearly demonstrated that their proposed equipment meets the specification. If any of the equipment specification is missing from the supporting technical documentation, then the Bidder must provide a narrative to demonstrate how the equipment meets that particular specification.

In order to facilitate the evaluation of the bid, Canada requests that Bidders address and present topics in the order of the evaluation criteria under the same headings.

In the "Reference to Substantiation in the technical Bid" column, the bidder should state the page number and other information that would assist the evaluation team in locating the bidder's response to each of the MTC in their proposal.

Number	Mandatory Technical Evaluation Requirement	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID
<b>Section 1</b>	<b>System</b>	
<b>MT 1</b>	The CR system must be a table-top, portable system with integral eraser capable of processing standard size flexible IPs (14 x 17 inches, and 8 x 10 inches) as well as custom sized flexible IPs as small as 2 x 4 inches.	
<b>MT 2</b>	Must be a <b>commercial item</b> capable of producing radiographic images equal to or exceeding the general radiographic requirements of the American Standards for Testing and Methods (ASTM) specification E 1742, Standard Practice for Radiographic Examination. The system must be suitable for non-destructive inspection of a variety of both metallic and non-metallic products utilized in military aircraft maintenance environments.	

Number	Mandatory Technical Evaluation Requirement	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID
<b>Section 2</b>	<b>Environment</b>	
<b>MT 3</b>	The CR System must be capable of being used in an area with subdued lighting	
<b>MT 4</b>	The CR System must perform to the specifications in this product description in temperatures from 15 to 35 degrees Celsius (59 to 95 degrees Fahrenheit) at minimum 80% relative humidity or greater and from 0 to 5,000 feet above sea level	
<b>MT 5</b>	The CR system must be capable of being stored from minus (-) 10 to 50 degrees Celsius, (15 to 122 degrees Fahrenheit).	
<b>MT 6</b>	The CR system must be able to operate when supplied with either 100-240 Volt Alternating Current – 50 or 60 Hertz (100-240 VAC – 50/60 Hz) automatically selected.	
<b>Section 3</b>	<b>Hardware</b>	
<b>MT 7</b>	Imaging Plates must be flexible phosphors often referred to as 'blue' imaging plates);	
<b>MT8</b>	<p>Scanner (Image Reader/Erasure Unit) must</p> <ul style="list-style-type: none"> <li>a. be capable of automatically reading and erasing the IP in a single operation.</li> <li>b. read the IP at a 16 Bit gray scale depth as a minimum.</li> <li>c. c. have a throughput capable of acquiring data from a 14 x 17 inch IP at a spatial resolution of 50 micron (30 plates/ hour) and 100 micron (60 plates/hour) at a minimum. A scanner with spatial resolution better than 50 micron and 100 micron with a slightly lower speed rate is acceptable as long as the processing time is no greater than 5 minutes.</li> <li>d. be capable of handling "custom cut" IPs (i.e. IPs of non-rectangular, unique shapes).</li> <li>e. not induce scratches/ processing marks on IP's as a result of mechanical processing.</li> <li>f. utilize a passive means to prevent particulate entry in order to minimize any potential damage to internal components from foreign dust and debris.</li> </ul>	



Number	Mandatory Technical Evaluation Requirement	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID
<b>Section 3</b>	<b>Hardware</b>	
<b>MT 9</b>	<p>System Controller/Workstation must</p> <ul style="list-style-type: none"> <li>a. include a CPU, keyboard, mouse, and at least one display monitor (see 4.2.6 for display monitor).</li> <li>b. the workstation must serve as the Controlling Programming device and driver system for the scanner (Image Reader/Eraser Unit) and must serve as a viewing device to view, manipulate, interpret, and file images. Enable the user to program inspection Pre-Set menus.</li> <li>c. Enable the user to perform system diagnostics.</li> <li>d. The CPU must include: <ul style="list-style-type: none"> <li>1. The latest MS Windows Operating System</li> <li>2. Internal dual-format DVD/CD writer or equivalent where content can be viewed on other DVD-ROM drives, DVD players, DVD recorders or equivalent standardized formats.</li> <li>3. A minimum of 3 USB ports available for transferring data to/from external devices.</li> </ul> </li> </ul>	
<b>MT 10</b>	<p>Display Monitor(s) must:</p> <ul style="list-style-type: none"> <li>a. Include a minimum of one (1) 27 inch flat panel, monochromatic display monitor with a minimum resolution of 3 mega pixel for viewing the computed radiograph.</li> <li>b. Have the ability to display acquisition and filing information on a separate color monitor.</li> </ul>	

Number	Mandatory Technical Evaluation Requirement	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID
<b>Section 3</b>	<b>Hardware</b>	
<b>MT 11</b>	System certification equipment must include <ul style="list-style-type: none"> <li>a. ten (10) phantom panel process control standards that meets or exceeds the USAF CRPSC (NSN 6635-01-555-4372).</li> <li>b. ten (10) Equivalent Penetrameter Sensitivity (relative IQI) panel sets in aluminum and ten (10) stainless steel as specified within ASTM E-746.</li> <li>c. Software based signal to noise ratio tool for determining system image quality as per ASTM E2445, Para 9. Calculation of the Results, Acceptance Criteria, and Report, sub para 9.5, SNR.</li> </ul>	
<b>MT 12</b>	The equipment shall be supplied with a suitable hard-shell case(s). The specified case(s) will be for the shipping and storage of the imager, operating computer workstation, monitor(s), and associated cables only. There is no need to provide a case for the ancillary equipment such as phantoms, imaging plates and sleeves, as these can be shipped/stored separately.	
<b>Section 4</b>	<b>Software</b>	
<b>MT 13</b>	The operating software must be Microsoft windows based	
<b>MT 14</b>	Revisions to the proprietary software must be at no cost for the life of the equipment.	

Solicitation No. - N° de l'invitation  
W3474-212581/B  
Client Ref. No. - N° de réf. du client  
W3474-21-2581

Amd. No. - N° de la modif.  
File No. - N° du dossier  
KIN-0-54125

Buyer ID - Id de l'acheteur  
kin655  
CCC No./N° CCC - FMS No./N° VME

Number	Mandatory Technical Evaluation Requirement	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID
<b>Section 4</b>	<b>Software</b>	
<b>MT 15</b>	Acquisition software must be capable of retaining an unaltered version of the original image.	
<b>Section 5</b>	<b>Database, data archiving and data sharing</b>	
<b>MT 16</b>	DICONDE. Image files must be in a DICONDE compliant file format per ASTM E2339 and ASTM E2738.	
<b>MT 17</b>	The original data must be capable of being re- processed and re- displayed using the same or another process algorithm without having to take another radiographic exposure.	

Solicitation No. - N° de l'invitation  
W3474-212581/B  
Client Ref. No. - N° de réf. du client  
W3474-21-2581

Amd. No. - N° de la modif.  
File No. - N° du dossier  
KIN-0-54125

Buyer ID - Id de l'acheteur  
kin655  
CCC No./N° CCC - FMS No./N° VME

---

## **ANNEX “D” to PART 3 OF THE BID SOLICITATION**

### **ELECTRONIC PAYMENT INSTRUMENTS**

The Bidder accepts any of the following Electronic Payment Instrument(s):

- ☐ ( ) VISA Acquisition Card;
- ☐ ( ) MasterCard Acquisition Card;
- ☐ ( ) Direct Deposit (Domestic and International);
- ☐ ( ) Wire Transfer (International Only);

Solicitation No. - N° de l'invitation  
W3474-212581/B  
Client Ref. No. - N° de réf. du client  
W3474-21-2581

Amd. No. - N° de la modif.  
File No. - N° du dossier  
KIN-0-54125

Buyer ID - Id de l'acheteur  
kin655  
CCC No./N° CCC - FMS No./N° VME

---

## **ANNEX “E”**

### **Security Requirements Check List**



Government of Canada  
Gouvernement du Canada

W3474-212581

no du contrat

Security Classification / Classification de sécurité  
Unclassified

SECURITY REQUIREMENTS CHECK LIST (SRCL)  
LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE

1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine **DND** 2. Branch or Directorate / Direction générale ou Direction **ATESS**

3. a) Subcontract Number / Numéro du contrat de sous-traitance 3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant

4. Brief Description of Work / Brève description du travail  
**COMPUTED RADIOGRAPHY IMAGING EQUIPMENT. MUST HAVE CERTIFIED TECHNICIANS FOR WARRANTY AND MAINTENANCE WORK. UNSERVICEABLE EQUIPMENT WILL BE SHIPPED TO AN APPROVED MAINTENANCE FACILITY.**

5. a) Will the supplier require access to Controlled Goods? ☒ No ☐ Yes  
Le fournisseur aura-t-il accès à des marchandises contrôlées? ☒ Non ☐ Oui

5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? ☒ No ☐ Yes  
Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques? ☒ Non ☐ Oui

6. Indicate the type of access required / Indiquer le type d'accès requis

6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? ☒ No ☐ Yes  
Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? ☒ Non ☐ Oui  
(Specify the level of access using the chart in Question 7. c)  
(Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)

6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. ☐ No ☒ Yes  
Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé. ☐ Non ☒ Oui

6. c) Is this a commercial courier or delivery requirement with no overnight storage? ☒ No ☐ Yes  
S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit? ☒ Non ☐ Oui

7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès

Canada ☐ NATO / OTAN ☐ Foreign / Étranger ☐

7. b) Release restrictions / Restrictions relatives à la diffusion

Canada	NATO / OTAN	Foreign / Étranger
No release restrictions Aucune restriction relative à la diffusion	All NATO countries Tous les pays de l'OTAN	No release restrictions Aucune restriction relative à la diffusion
Not releasable À ne pas diffuser		
Restricted to: / Limité à : Specify country(ies): / Préciser le(s) pays :	Restricted to: / Limité à : Specify country(ies): / Préciser le(s) pays :	Restricted to: / Limité à : Specify country(ies): / Préciser le(s) pays :

7. c) Level of Information / Niveau d'information

PROTECTED A PROTÉGÉ A	NATO UNCLASSIFIED NATO NON CLASSIFIÉ	PROTECTED A PROTÉGÉ A
PROTECTED B PROTÉGÉ B	NATO RESTRICTED NATO DIFFUSION RESTREINTE	PROTECTED B PROTÉGÉ B
PROTECTED C PROTÉGÉ C	NATO CONFIDENTIAL NATO CONFIDENTIEL	PROTECTED C PROTÉGÉ C
CONFIDENTIAL CONFIDENTIEL	NATO SECRET NATO SECRET	CONFIDENTIAL CONFIDENTIEL
SECRET SECRET	COSMIC TOP SECRET COSMIC TRÈS SECRET	SECRET SECRET
TOP SECRET TRÈS SECRET		TOP SECRET TRÈS SECRET
TOP SECRET (SIGINT) TRÈS SECRET (SIGINT)		TOP SECRET (SIGINT) TRÈS SECRET (SIGINT)





Government of Canada  
Gouvernement du Canada

W3474-212581

du contrat

Security Classification / Classification de sécurité  
Unclassified

**PART A (continued) / PARTIE A (suite)**

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC Information or assets?  
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS? ☒ No ☐ Yes  
Non Oui  
If Yes, indicate the level of sensitivity:  
Dans l'affirmative, indiquer le niveau de sensibilité:

9. Will the supplier require access to extremely sensitive INFOSEC Information or assets?  
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate? ☒ No ☐ Yes  
Non Oui

Short Title(s) of material / Titre(s) abrégé(s) du matériel :  
Document Number / Numéro du document :

**PART B - PERSONNEL (SUPPLIER) / PARTIE B - PERSONNEL (FOURNISSEUR)**

10. a) Personnel security screening level required / Niveau de contrôle de la sécurité du personnel requis

<input checked="" type="checkbox"/> RELIABILITY STATUS COTE DE FIABILITÉ	<input type="checkbox"/> CONFIDENTIAL CONFIDENTIEL	<input type="checkbox"/> SECRET SECRET	<input type="checkbox"/> TOP SECRET TRÈS SECRET
<input type="checkbox"/> TOP SECRET - SIGINT TRÈS SECRET - SIGINT	<input type="checkbox"/> NATO CONFIDENTIAL NATO CONFIDENTIEL	<input type="checkbox"/> NATO SECRET NATO SECRET	<input type="checkbox"/> COSMIC TOP SECRET COSMIC TRÈS SECRET
<input type="checkbox"/> SITE ACCESS ACCÈS AUX EMPLACEMENTS			

Special comments:

Commentaires spéciaux :

N/A

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.

REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work?  
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail? ☒ No ☐ Yes  
Non Oui  
If Yes, will unscreened personnel be escorted?  
Dans l'affirmative, le personnel en question sera-t-il escorté? ☒ No ☐ Yes  
Non Oui

**PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)**

**INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS**

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED Information or assets on its site or premises?  
Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS? ☒ No ☐ Yes  
Non Oui

11. b) Will the supplier be required to safeguard COMSEC Information or assets?  
Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC? ☒ No ☐ Yes  
Non Oui

**PRODUCTION**

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?  
Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ? ☒ No ☐ Yes  
Non Oui

**INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF À LA TECHNOLOGIE DE L'INFORMATION (TI)**

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED Information or data?  
Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS? ☒ No ☐ Yes  
Non Oui

11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency?  
Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale? ☒ No ☐ Yes  
Non Oui

TBS/SCT 350-103(2004/12)

Security Classification / Classification de sécurité

UNCLAS

Canada





Government of Canada  
Gouvernement du Canada

W3474-212581

no du contrat

Security Classification / Classification de sécurité  
unclassified

**PART C - (continued) / PARTIE C - (suite)**

For users completing the form manually use the summary chart below to indicate the category(ies) and level(s) of safeguarding required at the supplier's site(s) or premises.

Les utilisateurs qui remplissent le formulaire **manuellement** doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour chaque catégorie, les niveaux de sauvegarde requis aux installations du fournisseur.

For users completing the form online (via the Internet), the summary chart is automatically populated by your responses to previous questions.

Dans le cas des utilisateurs qui remplissent le formulaire **en ligne** (par Internet), les réponses aux questions précédentes sont automatiquement saisies dans le tableau récapitulatif.

**SUMMARY CHART / TABLEAU RÉCAPITULATIF**

Category Catégorie	PROTECTED PROTÉGÉ			CLASSIFIED CLASSIFIÉ			NATO				COMSEC					
	A	B	C	CONFIDENTIAL  CONFIDENTIEL	SECRET	TOP SECRET  TRÈS SECRET	NATO RESTRICTED  NATO DIFFUSION RESTREINTE	NATO CONFIDENTIAL  NATO CONFIDENTIEL	NATO SECRET	COSMIC TOP SECRET COSMIC TRÈS SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET  TRÈS SECRET
											A	B	C			
Information / Assets Renseignements / Biens Production																
IT Media / Support TI																
IT Link / Lien électronique																

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?  
La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE?

☒ No  
Non

☐ Yes  
Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".  
Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire.

12. b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED?  
La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE?

☒ No  
Non

☐ Yes  
Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate with attachments (e.g. SECRET with Attachments).  
Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire et indiquez qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).





Government of Canada  
Gouvernement du Canada

W3474-212581

lu contrat

Security Classification / Classification de sécurité  
unclassified

**PART D - AUTHORIZATION / PARTIE D - AUTORISATION**

**13. Organization Project Authority / Chargé de projet de l'organisme**

Name (print) - Nom (en lettres moulées)

Title - Titre

Signature

Mike Reuvekamp

NDT LCMM

Telephone No. - N° de téléphone  
613 392-2811 4920

Facsimile No. - N° de télécopieur

E-mail address - Adresse courriel  
Michael.reuvekamp@forces.gc.ca

Date

21 SEPT, 2020

**14. Organization Security Authority / Responsable de la sécurité de l'organisme**

Name (print) - Nom (en lettres moulées)

Title - Titre

Signature

Sasa Medjovic

Security analyst

MEDJOVIC  
SASHA 234

Digitally signed by MEDJOVIC, SASHA 234  
DN: cn=CA, o=GC, ou=NDN-MDN,  
ou=Personnel, ou=INTERN, cn=  
MEDJOVIC, SASHA 234  
Reason: I am the author of this document  
Location: your signing location here  
Date: 2020-09-23 14:24:21  
Foxit PhantomPDF Version: 10.0.1

Telephone No. - N° de téléphone  
613-996-0286

Facsimile No. - N° de télécopieur

E-mail address - Adresse courriel  
sasa.medjovic@forces.gc.ca

Date

**15. Are there additional instructions (e.g. Security Guide, Security Classification Guide) attached?**

Des instructions supplémentaires (p. ex. Guide de sécurité, Guide de classification de la sécurité) sont-elles jointes?

No

Non

Yes

Oui

**16. Procurement Officer / Agent d'approvisionnement**

Name (print) - Nom (en lettres moulées)

Title - Titre

Signature

Telephone No. - N° de téléphone

Facsimile No. - N° de télécopieur

E-mail address - Adresse courriel

Date

**17. Contracting Security Authority / Autorité contractante en matière de sécurité**

Name (print) - Nom (en lettres moulées)

Title - Titre

Signature

C. Jason Quade

Contract Security Officer

Jason.Quade@pwgsc-tpsgc.gc.ca

Quade,  
Clarence

Digitally signed by  
Quade, Clarence

Date: 2020.10.07

10:19:07 -04'00'

---

## ANNEX "F" to PART 5 OF THE BID SOLICITATION

### FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\)-Labour's](#) website.

Date: \_\_\_\_\_ (YYYY/MM/DD) (If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

- ☐ A1. The Bidder certifies having no work force in Canada.
- ☐ A2. The Bidder certifies being a public sector employer.
- ☐ A3. The Bidder certifies being a [federally regulated employer](#) being subject to the [Employment Equity Act](#).
- ☐ A4. The Bidder certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.

A5. The Bidder has a combined workforce in Canada of 100 or more employees; and

- ☐ A5.1. The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity](#) (AIEE) in place with ESDC-Labour.

**OR**

- ☐ A5.2. The Bidder certifies having submitted the [Agreement to Implement Employment Equity](#) (LAB1168) to ESDC-Labour. As this is a condition to contract award, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to ESDC-Labour.

B. Check only one of the following:

- ☐ B1. The Bidder is not a Joint Venture.

**OR**

- ☐ B2. The Bidder is a Joint Venture and each member of the Joint Venture must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification. (Refer to the Joint Venture section of the Standard Instructions)