



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC / Réception des
soumissions → TPSGC**
10th Floor, 4900 Yonge Street /
10e étage, 4900 rue Yonge
Toronto
Ontario
M2N 6A6

**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

Title - Sujet Thermographic Camera	
Solicitation No. - N° de l'invitation W3474-201431/A	Date 2019-07-18
Client Reference No. - N° de référence du client W3474-201431	
GETS Reference No. - N° de référence de SEAG PW-\$TOR-024-7800	
File No. - N° de dossier TOR-9-42027 (024)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-08-30	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Brewster, Shannon	Buyer Id - Id de l'acheteur tor024
Telephone No. - N° de téléphone (647) 273-1369 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE Aerospace and Telecommunication Engineering Support Squadron - Main Warehouse 8 Wing Trenton Astra Ontario K0K3W0 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

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

Issuing Office - Bureau de distribution

Public Works and Government Services Canada
Ontario Region
10th Floor, 4900 Yonge Street
Toronto
Ontario
M2N 6A6

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

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Buyer ID - Id de l'acheteur
tor024

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W3474-201431

File No. - N° du dossier
TOR-9-42022

CCC No./N° CCC - FMS No./N° VME

BID SOLICITATION

for

THERMOGRAPHIC CAMERAS

required by

**Royal Canadian Air Force (RCAF)
Department of National Defence (DND)**

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PART 1 - GENERAL INFORMATION

1.1 Requirement

The requirement is detailed under Article 6.2, Part 6 - Resulting Contract Clauses.

1.2 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 of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.3 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA) and the Canadian Free Trade Agreement (CFTA).

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

- (a) 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>) issued by Public Works and Government Services Canada.
- (b) 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.
- (c) The 2003 (2019-03-04) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.
- (d) The following modification is to the standard instructions 2003:

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days

Insert: ninety (90) days

2.2 Submission of Bids

- (a) Bids must be submitted only to the Public Works and Government Services Canada (PWGSC) Bid Receiving Unit specified below by the date and time indicated on page 1 of the bid solicitation:

Bid Receiving - PWGSC
10th Floor, 4900 Yonge Street
Toronto, Ontario, M2N 6A6

TPSGC.orreceptiondessoumissions-orbidreceiving.PWGSC@tpsgc-pwgsc.gc.ca

(Bids will be not be accepted if emailed directly to this email address. This email is to initiate an ePost Connect conversation, as detailed in the Standard Instructions)

To submit a bid using epost Connect service, the Bidder must send as early as possible, and in any case, at least six business days prior to the solicitation closing date and time, (in order to ensure a response), an email that includes the bid solicitation number to the specified PWGSC Bid Receiving Unit requesting to open an epost Connect conversation. Requests to open an epost Connect conversation received after that time may not be answered.

- (b) Due to the nature of the bid solicitation, bids transmitted by facsimile to PWGSC will not be accepted.

2.3 Enquiries - Bid Solicitation

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

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

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W3474-201431

File No. - N° du dossier
TOR-9-42022

CCC No./N° CCC - FMS No./N° VME

- (b) 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.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

- (a) If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. Bidders must provide their bid in a single transmission. The epost Connect service has the capacity to receive multiple documents, up to 1GB per individual attachment.

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

Section I: Technical Bid

Section II: Financial Bid

Section III: Certifications

Section IV: Additional Information

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

- (b) If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its bid in separately bound sections as follows:

Section I: Technical Bid (3 hard copies)

Section II: Financial Bid (1 hard copy)

Section III: Certifications (1 hard copy)

Section IV: Additional Information (1 hard copy)

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

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

- (c) If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

3.2 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.

3.3 Section II: Financial Bid

- (a) Bidders must submit their financial bid in accordance with the Basis of Payment in Annex B. The total amount of Applicable Taxes must be shown separately, if applicable.

(b) **Electronic Payment of Invoices**

(i) If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex C - Electronic Payment Instruments, to identify which ones are accepted.

(ii) If Annex C - Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

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

(c) **Exchange Rate Fluctuation**

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

3.4 Section III: Certifications

Bidders must submit and comply with the certifications and additional information required under Part 5 that have not been included in their Technical Bid.

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.

4.2 Technical Evaluation

(a) Mandatory Technical Criteria

The proposed Thermographic Camera must meet the mandatory criteria in Attachment 4.1 – Bid Evaluation Criteria. Failure to meet any one of the mandatory criteria will result in your bid being declared non-responsive.

4.3 Financial Evaluation

(a) Mandatory Financial Criteria

- (i) The Bidder must submit with its bid, pricing details in accordance with Annex B - Basis of Payment, in Canadian dollars.
- (ii) The Total Evaluated Price will be the Total Extended Price of the Firm Requirement in Annex B - Basis of Payment.
- (iii) The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included.

4.4 Basis of Selection – Mandatory Technical Criteria

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.

ATTACHMENT 4.1

Bid Evaluation Criteria

The Bidder must provide documentation in their bid demonstrating that their proposed fully functional thermographic camera meets each and every criterion. Supporting documentation could include but not limited to, a printed operator's manual, printed technical/sales brochures and/or certifications. **Failure to provide supporting documentation may result in the bid being deemed non-responsive.**

1. Mandatory Technical Criteria

#	Mandatory Criteria	Bidder's Response
		Identify where the supporting documentation is located in the bid. (Bidders to insert page number)
The Bidder must demonstrate that their proposed thermographic camera has the following specification, functions and accessories.		
M1	Must be handheld.	
M2	The detector type must be uncooled microbolometer	
M3	Must include a 14° lens with a minimum focus distance of 1.0m, a 24° lens with a minimum focus distance of 0.15m, and a 42° lens with a minimum focus distance of 0.15m. The lens' can be attachments or a built in function. The macro mode minimum focus distance must be 71 micrometers.	
M4	The object temperature ranges must be -20°C to 120°C (-4F to 248F), 0°C to 650°C (32F to 1202F), and 300°C to 1500°C (572F to 2,732F).	
M5	Must have a thermal measurement accuracy of +/- 2°C (+/- 3.6 F) or +/- 2 percent of reading.	
M6	Must have an operating temperature of -15° Celsius to 50° Celsius (5 F to 122 F).	
M7	Must have a minimum 3.5" LCD display with a resolution of 640 x 480 pixels.	
M8	Must have an infrared detector resolution of 464 X 348 pixels.	
M9	The spectral range must be a minimum of 7.5 to 14.0 micrometer.	
M10	The thermal sensitivity must be greater than 30 milliKelvin using a 42° lens at 30°C, greater than 40milliKelvin using a 24° lens at 30°C and greater than 50 milliKelvin using a 14° lens at 30°C.	
M11	The image frequency must be 30 Hz.	
M12	Must have continuous focus, macro mode feature and digital camera image presentation.	
M13	Must have infrared and visual image modes and must have a colour palettes mode.	
M14	Must have a 4 times or more continuous digital zoom.	
M15	Must have time lapse recording.	
M16	Must have a laser pointer with a laser distance meter feature.	

M17	Must have text annotation.	
M18	The image file format must be JPEG.	
M19	Must have radiometric IR video and non-radiometric IR video recording and must have video out streaming.	
M20	Must include camera software that is compatible with Microsoft® 7 operating system and more recent versions.	
M21	Must have removable storage media (SD/Micro SD card or USB stick).	
M22	Must have external connectivity to printers, keypads, ethernet, and mice through built in ports or through WIFI connectivity.	
M23	For battery power, must include a minimum of one (1) set of rechargeable batteries with battery charger. Battery operating time must be a minimum of 2-3 hours at ambient temperature (25°C).	
M24	For external power, must include an AC adapter/cable for working with a voltage range of 90 TO 260 V AC (50/60 Hz) or 12 V from a vehicle.	
M25	Camera must be have a humidity resistance of IEC 60068-2-30/24 hours with 95 % humidity.	
M26	Must include a hard transport case.	

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.

(a) 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 listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications 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 comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive.

(a) Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real procurement agreement of the Ineligibility and Suspension Policy (<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.

(b) 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 website (http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969#afed).

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.

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

There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must perform the Work in accordance with 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>) issued by Public Works and Government Services Canada.

(a) General Conditions

2010A (2018-06-21), General Conditions – Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

(a) Period of the Contract

The period of the Contract is from date of Contract award to December 08, 2019 inclusive.

(b) Delivery Date

All the deliverables must be received on or before October 08, 2019.

6.5 Authorities

(a) Contracting Authority

The Contracting Authority for the Contract is:

Name: Shannon Brewster
Title: Supply Specialist
Organization: Public Works and Government Services Canada
Acquisitions Branch
Ontario Region
Address: 4900 Yonge Street
Toronto, Ontario, M2N 6A6
Telephone: 647-273-1369
E-mail address: shannon.brewster@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.

(b) Project Authority (to be provided at Contract Award)

The Project Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: _____
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.

(c) **Contractor's Representative** (to be provided with bid)

Name: _____
Title: _____
Organization: _____
PBN: _____
Address: _____
Telephone: _____
Facsimile: _____
E-mail address: _____

6.6 Payment

(a) **Basis of Payment - Firm Price, Firm Unit Price(s) or Firm Lot Price(s)**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price, as specified in Annex B for a cost of \$ _____ (*insert the amount 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.

(b) **Limitation of Price**

SACC Manual clause C6000C (2017-08-17), Limitation of Price

(c) **Single Payment**

SACC Manual clause H1000C (2008-05-12), Single Payment

(d) **SACC Manual Clauses**

SACC Manual clause C2000C (2007-11-30), Taxes - Foreign-based Contractor

(e) **Electronic Payment of Invoices**

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

- i. Visa Acquisition Card;
- ii. MasterCard Acquisition Card;
- iii. Direct Deposit (Domestic and International);
- iv. Electronic Data Interchange (EDI);
- v. Wire Transfer (International Only); or
- vi. Large Value Transfer System (LVTS) (Over \$25M).

6.7 Invoicing Instructions

(a) 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.

(b) Invoices must be distributed as follows:

- (i) The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.
- (ii) 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

(a) 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 _____ (*insert the name of the province or territory as specified by the Bidder in its bid, if applicable*).

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) these Articles of Agreement, including any individual SACC clauses incorporated by reference in these Articles of Agreement;
- (b) the general conditions 2010A (2018-06-21), General Conditions – Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment; and
- (e) the Contractor's bid dated _____. (*insert at time of contract award*)

6.11 SACC Manual Clauses

B7500C (2006-06-16) Excess Goods

6.12 Insurance

G1005C (2008-05-12), Insurance

ANNEX A REQUIREMENT

1. REQUIREMENT

The Department of National Defence (DND), Royal Canadian Air Force (RCAF) and Nondestructive Testing Centre (NDTC), has a requirement for the supply and delivery of hand held thermographic cameras. These cameras will be used to train NDTC students in thermographic theory and inspection practices which are in accordance with the requirements specified within the Nondestructive Testing (NDT) Qualification Standard (QS).

2. BACKGROUND

The new NDT basic course now includes thermographic training within the new curriculum. In order to be able to provide instruction on thermographic theory and practices, thermographic cameras are required in the classroom. These cameras are essential in order to allow students to become familiar with the capabilities and benefits that thermography offers the inspector.

The following applications will be performed using the thermographic camera.

- Thermographic surveys/assessments of aircraft and aircraft components;
- Thermographic inspection of flight controls for water ingress;
- Thermographic examination of aircraft drive shaft bearings; and
- Passive and active thermographic examination of composites for structural integrity.

3. SPECIFICATIONS

The Contractor must supply and deliver 10 fully functional handheld thermographic cameras that meet the specifications outlined under this Annex. The Contractor is also responsible for supplying one (1) manual in English. At a minimum, each hand held thermographic camera must meet the following specifications.

- a) Must be handheld.
- b) Must include 14°, 24°, and 42° lenses through internal function or auxiliary attachments. Minimum focal distances of 0.15m for 42°, 0.15m for a 24°, and 1.0m for 14°.
- c) Must assess an object that is within the following temperature ranges: -20°Celsius to 650°Celsius (-4F to 1202F).
- d) Must have a thermal measurement accuracy of +/- 2°Celsius (+/- 3.6 F) or +/- 2 percent of reading.
- e) Must have a minimum 3.5" 640 x 480 pixel high resolution LCD display.
- f) The Infrared (IR) resolution must be a minimum of 320 x 240 (78,800 pixels).
- g) Detector type must be uncooled microbolometer.
- h) Must have a minimum 4 times continuous digital zoom.
- i) Thermal sensitivity must be greater than 30 milliKelvin at 30°Celsius.
- j) Spectral range must be a minimum of 7.5 to 14.0 micrometer.
- k) Image frequency must be 30 Hz.
- l) Must have continuous focus, macro mode capability and digital camera capability.
- m) Must include on board colour palettes, infrared and visible spectrum image modes.
- n) Must have a laser pointer and laser distance meter.
- o) Must have text annotation.
- p) Must have time lapse recording.
- q) Must have radiometric IR and non-radiometric IR video recording and have video out streaming.
- r) Must store images in JPEG file format.
- s) Must include a post-processing software that is compatible with a Microsoft® 7 operating system and more recent versions.
- t) Must include an external removable storage media (SD/Micro SD card or USB stick).
- u) Must have an external connectivity to printers, keypads, ethernet, and mice.

- v) Must have a battery and line power of 110 V, 60 Hz. Must include a minimum of one (1) set of batteries with each unit and AC adapter/cable for connection to external power source. Battery endurance to be minimum of 2-3 hours of continuous operation at ambient temperature
- w) Operating temperature range must be -15°Celsius to 50°Celsius (5 F to 122 F).
- x) The camera must have a humidity resistance of IEC 60068-2-30/24 hours with 95 % humidity.
- y) Must include a hard shell transport case to store camera, accessories and ancillary hardware.

4. DELIVERY LOCATION

Aerospace and Telecom Engineering Support Squadron
Department of National Defence
8 Wing/CFB Trenton
35 Westwin Ave
Astra ON K0K 3W0
Canada

5. WARRANTY, SERVICE, SUPPORT & UPDATES

- a) The Contractor must provide a minimum one (1) year warranty on parts and labour for each of the cameras. Warranty will begin on the day that the units have been delivered.

ANNEX B
BASIS OF PAYMENT

The firm unit price must be an all-inclusive price for the supply and delivery of the requirement in accordance with Annex A – Requirement, in Canadian funds, including customs duties, all delivery and transportation charges, FOB destination, applicable taxes extra.

1. Firm Requirement

Contract Period: Date of award to December 08, 2019.

Delivery of the product, within the contract period, must be received on or before October 08, 2019.

			A	B	C
Item	Description	Unit of Measure	Quantity	Firm Unit Price	Total Extended Price (AxB)
1	Supply and delivery of 10 fully functional thermographic cameras in accordance with Annex A, Requirement including a twelve (12) month warranty on parts and labour. Manufacturer/Brand: _____ Model Number: _____	Each	10	\$	\$
*Total Evaluated Price:					\$

***At contract award, 'Total Evaluated Price' becomes 'Total Contract Price'.**

ANNEX C (to Part 3 of the Bid Solicitation) ELECTRONIC PAYMENT INSTRUCTIONS

ELECTRONIC PAYMENT INSTRUMENTS

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

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);
- Large Value Transfer System (LVTS) (Over \$25M)

ANNEX D (to Part 5 of the Bid Solicitation)
ADDITIONAL CERTIFICATIONS

1. Board of Directors

In accordance with Part 5 - Certifications and Additional Information, Article 5.2(a), Integrity Provisions – List of Names, Bidders are required to provide a complete list of names of all individuals who are currently directors of the Bidder before contract award. Bidders are requested to provide this information in their bid.

Director Name - _____ Title: _____

2. Procurement Business Number (PBN)

In accordance with Section 02, Procurement Business Number of the 2003 (2016-04-04) Standard Instructions - Goods or Services - Competitive Requirements, Suppliers are required to have a Procurement Business Number (PBN) before contract award. Bidders are requested to provide their PBN with their bid.

Procurement Business Number - _____

Suppliers may register for a PBN online at [Supplier Registration Information](#). For non-Internet registration, suppliers may contact the InfoLine at 1-800-811-1148 to obtain the telephone number of the nearest Supplier Registration Agent.