



National Defence

National Defence Headquarters
Ottawa, Ontario
K1A 0K

Défense nationale

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

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

Bid Receiving – PWGSC / Réception des
soumissions - TPSGC
11 Laurier St. / 11 rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau
Québec
K1A 0S5

Proposal To: National Defence 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 and services listed herein and on any attached sheets at the price(s) set out therefore.

Proposition à : Défense nationale 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 et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indique(s).

**Solicitation Closes –
L'invitation prend fin**

At – à :14 :00 EDT

On - le : September, 05, 2017

Title/Titre Appareil de mesure de la stabilité à l'oxydation thermique/Thermal Oxidation Stability Test System	Solicitation No – N° de l'invitation W8486-184201/A
Date of Solicitation – Date de l'invitation 25/07/2017	
Address Enquiries to – Adresser toutes questions à Annick Barabé annick.barabe@forces.gc.ca	
Telephone No. – N° de téléphone 819-936-8688	FAX No – N° de fax 819-994-7659
Destination See Herein Ci-Joint	

Instructions:

Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions: Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

Delivery required - Livraison exigée	Delivery offered - Livraison proposée
Vendor Name and Address - Raison sociale et adresse du fournisseur	
Name and title of person authorized to sign on behalf of vendor (type or print) - Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie)	
Name/Nom _____	Title/Titre _____
Signature _____	Date _____

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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

1. Before award of a contract, 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 site(s) 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. Bidders are reminded to obtain the required security clearance promptly. Any delay in the award of a contract to allow the successful Bidder to obtain the required clearance will be at the entire discretion of the Contracting Authority.
3. For additional information on security requirements, Bidders should refer to the [Industrial Security Program \(ISP\)](http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html) of Public Works and Government Services Canada (<http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>) website.

1.2 Statement of Requirement

The requirement is detailed in Annex "A".

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 Trade Agreements

" The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), the Canada-Chile Free Trade Agreement (CCFTA), the Canadian Free Trade Agreement (CFTA), the Canada-Columbia Free Trade Agreement (CCoIFTA), the Canada-Panama Free Trade Agreement (CPanFTA), the Canada-Honduras Free Trade Agreement (CHFTA), and the Canada-Korea Free Trade Agreement (CKFTA)."

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>) 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 (2016-0404) Standard Instructions – Goods and Services – Competitive Requirements, are incorporated by reference into and form part of the bid solicitation, with the following modifications:

- a) Section 02, Procurement Business Number is deleted in its entirety.
- b) Section 20, Further Information is deleted in its entirety.

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

Delete: 60 days
Insert: 90 days

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than fifteen (15) 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.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that Bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (two (2) hard copies)

Section II: Financial Bid (one (1) hard copy)

Section III: Certifications (one (1) hard copy)

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

Canada requests that Bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

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

- a) Bidders must submit their financial bid as follows:

Bidders must submit firm prices, Delivered Duty Paid (DDP) at 45 Sacré-Coeur, Gatineau, Québec, Canada Incoterms 2010, Applicable Taxes excluded. The total amount of Applicable Taxes must be shown separately.

- b) Bids must be submitted in Canadian dollars.
- c) Blank Prices : Bidders are requested to insert "\$0.00" for any item for which it does not intend to charge or for items that are already included in other prices set out in Annex F. If the Bidder leaves any price blank, Canada will treat the prices as "\$0.00" for evaluation purposes and may request that the Bidder confirm that the price is, in fact, \$0.00. No bidder will be permitted to add or change a price as part of this confirmation. Any bidder who does not confirm that the price for a blank item is \$0.00 will be declared non-responsive.
- d) Warranty pricing for option periods beyond the initial warranty period should be estimated based on the following:
 - a. if a warranty option year is not exercised, then subsequent warranty option years will not be exercised.

Section III: Certifications

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

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

3.1.3.1 Recommended Spare Parts

SACC Manual Clause [B4052T](#) (2014-06-26) Recommended Spare Parts List-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.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Refer to Annex B.

4.1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, Delivered Duty Paid (DDP) at 45 Sacré-Coeur, Gatineau, QC, Canada, Incoterms 2010, Canadian customs duties and excise taxes included, Applicable Taxes excluded.

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 as per Annex F.

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 otherwise specified, 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 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.

5.1.1 Integrity Provisions – Required Documentation

In accordance with 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.

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

5.1.3 Contractor Qualifications

The Contractor must be an approved supplier of Original Equipment Manufacturer (OEM). If the Contractor is not the OEM, then the Contractor must provide a letter from the OEM confirming that the Contractor is an approved supplier.

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

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

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

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 Canadian Industrial Security Directorate (CISD), Public Works and Government Services Canada (PWGSC).
2. The Contractor/Offeror personnel requiring access to sensitive work site(s) must EACH hold a valid RELIABILITY STATUS, granted or approved by CISD/PWGSC.
3. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of CISD/PWGSC.
4. The Contractor/Offeror must comply with the provisions of the:
 - a. Security Requirements Check List and security guide, attached at Annex C;
 - b. Industrial Security Manual (Latest Edition).

6.2 Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work 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 (2016-04-04), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract, with the following modifications:

a. Definition of Minister is modified as follows:

"Canada", "Crown", "Her Majesty" or "the Government" means Her Majesty the Queen in right of Canada as represented by the Minister of National Defence and any other person duly authorized to act on behalf of that minister or, if applicable, an appropriate minister to whom the Minister of National Defence has delegated his or her powers, duties or functions and any other person duly authorized to act on behalf of that minister.

6.3.1.1 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at (*the options will be for the warranty option periods and the calibration option services included in the Contract 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 Warranty option periods beyond the initial warranty period can only be exercised based on the following:

- a. if a warranty option year is not exercised, then subsequent warranty option years cannot be exercised;

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

6.3.2 Supplemental General Conditions

[4004](#) Supplemental General Conditions – Maintenance and Support Services for Licensed Software (2013-04-25)

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before January 20, 2018.

6.4.2 Delivery

Goods must be consigned and delivered to the destination specified in the contract:

1. Incoterms 2010 "DDP Delivered Duty Paid" 45 Sacré-Coeur, Gatineau, Québec, Canada.

Services will be delivered at the location specified in the Statement of Work.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: _____

Title: _____

Public Works and Government Services Canada
Acquisitions Branch

Directorate: _____

Address: _____

Telephone: _____

Facsimile: _____

E-mail address: _____

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 Technical Authority

The Technical Authority for the Contract is:

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

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 contract for a cost of \$ _____. Customs duties are excluded 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 Single Payment

SACC Manual clause [H1000C](#) (2008-05-12) Single Payment

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);
- f. Large Value Transfer System (LVTS) (Over \$25M)

6.7 Invoicing Instructions

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.

6.8 Certifications

6.8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing additional information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the additional information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

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) Supplemental General Conditions [4004](#) (2013-04-25) - Maintenance and Support Services for Licensed Software;
- (c) the general conditions 2010A (2016-04-04) General Conditions – Goods (Medium Complexity);
- (d) Annex A, Statement of Work;
- (e) the Contractor's bid dated _____.

6.11 Defence Contract

SACC Manual clause [A9006C](#) (2012-07-16) Defence Contract

6.12 Insurance

SACC Manual clause [G1005C](#) (2016-01-28) Insurance – No Specific Requirement

6.13 SACC Manual Clauses

SACC Manual Clause [B1501C](#) (2006-06-16) Electrical Equipment

SACC Manual Clause [D5545C](#) (2010-08-16) ISO 9001:2008 - Quality Management Systems - Requirements (Quality Assurance Code C)

6.14 Preparation for Delivery

6.14.1 Packaging Requirement using Specification D-LM-008-036/SF-000

The Contractor must prepare item number(s) _____ for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification *D-LM-008-036/SF-000*, DND Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package item number(s) _____ in quantities of _____ by package.

6.15 Shipping Instructions – Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered:

- a. Delivered Duty Paid (DDP) 45 Sacré-Coeur, Gatineau, QC, Canada Incoterms 2000 for shipments from a commercial contractor.

ANNEX "A"

STATEMENT OF WORK

ANNEX A

Statement of Work (SOW)

Thermal Oxidation Stability Test System

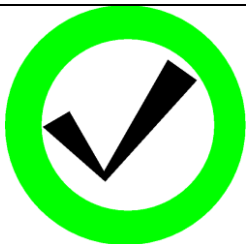
Customer Control Number: AM2689633403

DND Document #: RDIMS # 4602781

Date: 20 July 2017

Prepared by:

QETE 3-3
Department of National Defence
Quality Engineering Test Establishment
NPB, 45 blvd Sacré Coeur
Gatineau, QC J8X 1C6



NOTICE

This documentation has been reviewed by the Technical Authority and does not contain controlled goods.

AVIS

Cette documentation a été révisée par l'Autorité technique et ne contient pas de marchandises contrôlées.

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SCOPE

1.1. Objective

1.1.1. The purpose of this Statement of Work (SOW) is to define the technical requirements for a Thermal Oxidation Stability Test System for the purpose of testing aviation jet fuel in accordance with the test methods in ASTM D3241.

1.2. Background

1.2.1 The Quality Engineering Test Establishment (QETE) is a field unit within the Canadian Armed Forces (CAF) with the mandate to provide the Department of National Defence (DND) and the CAF with specialized, technology-based test and investigative services required to support engineering decisions throughout all phases of materiel acquisition and support. QETE provides technical advice and consultation, material evaluation, investigation and analysis, calibration and measurement, in the domains of mechanical and materials engineering, applied science, electrical engineering, measurement science and imagery.

1.2.2 The QETE 3-3 Petroleum Products Laboratory has a requirement to update its oxidative stability tester which is over 20 years old. QETE is the Technical Authority (TA) and Life Cycle Maintenance Manager (LCMM) for a wide range of fuels, lubricants and associated products (F&L) in support to the Royal Canadian Air Force (RCAF) and the Canadian Army. Services include performing the role of Aircraft Fluids Services Officer at the National Defence Headquarters and acting as the Departmental representative and subject matter expert on national and international F&L related committees, including the North Atlantic Treaty Organization (NATO), the Air and Space Interoperability Council (ASIC), the Canadian General Standards Board (CGSB), ASTM International, and the Society of Automotive Engineers (SAE). QETE is also the Office of Primary Interest for F&L Canadian Forces Technical Orders (CFTOs) and NATO Standardization Agreements (STANAGs).

1.3. Terminology

ASIC	Air and Space Interoperability Council
ASTM	American Society for Testing and Materials (officially named ASTM International)
CAF	Canadian Armed Forces
CFTOs	Canadian Forces Technical Orders
CGSB	Canadian General Standards Board
CSA	Canadian Standards Association
DND	Department of National Defence (Canada)

F&L	Fuels, Lubricants and Associated Products
CSA	Canadian Standards Association
HPLC	High Performance Liquid Chromatography
IEC	International Electrotechnical Commission
IP	Institute of Petroleum A former UK-based professional organization that merged with the Institute of Energy in 2003 to form the Energy Institute – acronym still used for IP Test Methods
ISO	International Organization for Standardization
LCMM	Life Cycle Maintenance Manager
mm	Millimeter
NATO	North Atlantic Treaty Organization
NPB	National Printing Bureau
OEM	Original Equipment Manufacturer
QETE	Quality Engineering Test Establishment
RCAF	Royal Canadian Air Force
SAE	Society of Automotive Engineers
SOW	Statement of Work
STANAGs	Standardization Agreements (NATO)
TA	Technical Authority
VAC	Volts Alternating Current

Table 1-1 Acronyms and Abbreviations

2. REFERENCE DOCUMENTS

- 2.1. The latest version of the following standards, references and documents apply to this SOW:
- (a) Canadian Electrical Code.¹
 - (b) ISO/IEC 17025: General requirements for the competence of testing and calibration laboratories.
 - (c) ASTM D1655: Standard Specification for Aviation Turbine Fuels.
 - (d) ASTM D3241: Standard Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels.
 - (e) CAN/CGSB 3.23: Aviation Turbine Fuel (Grades Jet A and Jet A-1).
 - (f) CAN/CGSB 3.24: Aviation turbine fuel (Grades F-34, F-37 and F-44).
 - (g) IP 323: Determination of Thermal Oxidation Stability of Gas Turbine Fuels.
 - (h) ISO 6249: Determination of Thermal Oxidation Stability of Gas Turbine Fuels.

¹ <http://www.csagroup.org/services/codes-and-standards/installation-codes/canadian-electrical-code/>

3. REQUIREMENTS

3.1. Scope of Work

3.1.1. QETE has a requirement for a thermal oxidation stability test system. Oxidation stability is a key specification for petroleum products, fuels and lubricating oils. This equipment will be used to accelerate the oxidation process by increased temperature in order to run different tests on aviation jet fuel.

3.1.2. The Equipment is defined as including the following components:

- (a) Thermal Oxidation Stability Tester;
- (b) Ellipsometer Tube Rater; and
- (c) Accessories.

3.1.3. Technical Requirements:

- 3.1.3.1. The Thermal Oxidation Stability Tester and the Ellipsometer must be manufactured by the same original equipment manufacturer (OEM) and be designed to work as an integrated system to ensure compatibility with test samples transferred between instruments, to ensure consistency of results and to facilitate the performance of maintenance and calibration services by qualified personnel.
- 3.1.3.2. The Equipment must be certified by the manufacturer for conducting thermal oxidation stability testing in accordance with the test methods specified in ASTM D3241: Standard Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (latest issue).
- 3.1.3.3. The Ellipsometer Tube Rater must be certified by the manufacturer for the performance of rating of heater tubes produced by Test Method D3241 in accordance with Annex A3 of ASTM D3241, "Rating of D3241 Heater Tubes – Ellipsometer Method".
- 3.1.3.4. The Equipment must be capable of achieving the following accuracy in measurement of fuel deposits:
 - (a) within $\pm 5\%$ of a known thickness reference standard; and
 - (b) within ± 1 mm of a known position reference standard.
- 3.1.3.5. The Thermal Oxidation Stability Tester must meet the following technical requirements:
 - (a) Dual piston, HPLC-type, hydraulic pressure pump system used for pumping the sample through the tester;
 - (b) Electronic measurement of differential pressure converted by transducer for printout; and
 - (c) Compatible with heater tubes that meet the requirements of ASTM D3241, Table 2.

- 3.1.3.6. The Ellipsometer Tube Rater must meet the following technical requirements:
- (a) Capable of measuring the thickness of the fuel deposit from 5 to 55 mm of the total 60 mm length of a heater tube by Test Method D3241;
 - (b) Capable of measuring up to 100 points along the length of the heater tube;
 - (c) Capable of measuring up to 360 equally spaced points around the circumference of the tube; and
 - (d) Compatible with heater tubes that meet the requirements of ASTM D3241, Table 2.
- 3.1.3.7. The Equipment must be powered by a standard 120 VAC / 60 Hz power outlet.
- 3.1.3.8. All provided proprietary software must be of the most current version and must be provided with a full end-user licence not limited in time, and provided with backup CD/DVD disk(s)/USB.
- 3.1.3.9. The Equipment must meet the more stringent of the technical specifications stated in this Statement of Work or the manufacturer's published specifications.
- 3.1.3.10. The Equipment must meet the manufacturer's published specifications for any functional or performance parameter not specified in this Statement of Work.
- 3.1.3.11. The Equipment must be benchtop instruments. Benchtop is defined as suitable in size or configuration for convenient use on a laboratory workbench.
- 3.1.3.12. The Equipment must be capable of printing paper copies of test results directly from the instrument, either through an integrated printer or through a portable printer connected to the instrument.
- 3.1.3.13. The Equipment must be capable of transferring electronic test results to a portable computer, either through a direct connection with an Ethernet data transfer cable or through a removable USB flash drive.
- 3.1.3.14. The software must be configured for ASTM D3241 testing.
- 3.1.3.15. The Equipment must be capable of displaying information in English.

3.1.4. The Contractor must supply the following accessories:

- 3.1.4.1. If a portable printer is proposed as the solution for meeting the requirement to have the capability of printing test results, then the printer must be provided as part of the Equipment.
- 3.1.4.2. Reference Tube Verification Kit.

3.2. Tasks

3.2.1. Installation and Commissioning

- 3.2.1.1. The Contractor must install the Equipment in QETE's facilities at the National Printing Bureau building at 45 Sacré-Coeur Blvd, Gatineau, Québec.
- 3.2.1.2. The Contractor must perform all actions needed to commission the Equipment for operational use by QETE staff. Commissioning includes conducting all visual inspections, system checks, tests and any other activities specified by the manufacturer's standard operating procedures for commissioning new equipment to ensure that the Equipment will function in accordance with the requirements of this SOW as well as the manufacturer's specifications.
- 3.2.1.3. The installation, levelling, securing, initial start-up, and calibration of Equipment must be performed by the Contractor's authorized factory service representatives (FSRs).
- 3.2.1.4. The Contractor must supply all tools and supplies needed by the Contractor's FSRs to complete the installation.

3.2.2. Training – The Contractor must provide the following training services and products:

- 3.2.2.1. Provide on-site training in English on the proper operation and maintenance of the Equipment for up to three personnel;
- 3.2.2.2. Training will be delivered in the QETE Petroleum Products Laboratory following the commissioning of the Equipment and at a minimum will include an overview of the Equipment, its operation, safety features, maintenance to be performed by the operator, and a hands-on tutorial using the delivered Equipment and test scenarios to be provided by QETE; and
- 3.2.2.3. The Contractor will provide the following training documentation:
 - (a) Training Summary Report that identifies all students who participated in the training, the date(s) and location(s) of the training, and the instructor(s), and
 - (b) Training Certificate for each student that identifies the student's name and organization, the training activity, the

date(s) and location(s) of the training, the approved training organization's name, logo, and authorized signature.

3.2.3. Technical Service Support

3.2.3.1. Availability – The Contractor must:

- (a) ensure that full service support and replacement parts are available for a period of ten years following the date of delivery of the Equipment; and
- (b) without limiting the generality of Section 3.2.3.1.(a), provide Canada with a one year written notification prior to the Equipment parts no longer being available, and failing such notification, the Contractor must provide Canada sufficient notice to ensure that Canada may purchase the parts that are no longer available.

3.2.3.2. Service Desk – A support service desk function must be provided to help Canada in answering questions with respect to the Equipment that includes, at a minimum:

- (a) telephone technical support between the hours of 08:00 and 17:00 (Eastern Time), Monday to Friday, excluding public holidays;
- (b) e-mail technical support with a response within 48 hours excluding weekends and public holidays; and
- (c) on-line help resources, including contact information, product information and documentation downloads (e.g. product brochures, technical manuals).

3.2.3.3. Product Notifications – Canada must be advised in writing as soon as reasonably possible in the event of:

- (a) any safety-related product recalls or advisories, component defects, and other similar events;
- (b) any security vulnerabilities that are subsequently discovered;
- (c) any hidden or previously unknown defects that are subsequently discovered that may adversely affect product performance and/or functionality; and
- (d) updates to software and product manuals.

3.2.3.4. Software Support Period – The Contractor must provide Maintenance Releases for a period of ten (10) years from the Contract Award date.

3.2.3.5. Calibration – Canada may require calibration services for the Equipment in accordance with the manufacturer's recommended calibration schedule during the contract period. This service will be

provided as an option, to be exercised at the sole discretion of Canada within a period of five (5) years from Contract Award. An initial calibration must be included as part of the original delivery package. If the option is exercised, calibrations will be performed by the manufacturer's authorized calibration centre.

- 3.2.3.6. The Contractor must place a sticker on the Equipment indicating the date on which any calibration services were performed, or update any existing stickers on the Equipment following the performance of calibration services.
- 3.2.4. Equipment Certifications
 - 3.2.4.1. Certificate of Calibration – The Contractor must provide a Certificate of Calibration for a calibration for the Equipment performed by a laboratory having a quality management system compliant with ISO/IEC 17025 (latest version).
 - 3.2.4.2. Certificate of Conformance – The Contractor must provide a Certificate of Conformance to attest that the delivered equipment has been manufactured according to the Contractor's published specifications and has been verified to function as designed. The Certificate must identify the location and date of completion of manufacturing and must be signed by an authorized representative of the manufacturer.
 - 3.2.4.3. Statement of Compliance – The Contractor must provide a Statement of Compliance to attest that the delivered equipment meets the requirements of the Contract. The Statement of Compliance may be provided within the Certificate of Conformance or as a separate document.
 - 3.2.4.4. Statement of Continued Production and Support – The Contractor must provide a Statement of Continued Production to attest that the equipment is neither manufacturer-discontinued nor is there an intent to discontinue the manufacturing of the Equipment within two (2) years. The Statement must also attest that the Contractor will continue to provide technical support and spare parts supply for a minimum of ten years following delivery of the Equipment.
- 3.2.5. Equipment Documentation – The Contractor must provide the following documentation in support of the delivered Equipment:
 - 3.2.5.1. User Operations Manual – provides detailed information about the functionality and operation of the Equipment and the care, maintenance and calibration/verification steps of the Equipment that is normally performed by the user.
 - 3.2.5.2. Maintenance Manual (if available) – provides detailed information and instructions for preventive and corrective maintenance.

- 3.2.5.3. Any updates during the period of the Support Period to the above documents that impact the operation, maintenance and calibration of the delivered Equipment.
- 3.3. Constraints
- 3.3.1. All on-site work to deliver, install, test, commission, maintain, and calibrate the Equipment and to train QETE personnel must be performed during normal business hours (Monday to Friday, 08:00 to 17:00).
- 3.4. Support Provided by Canada
- 3.4.1. Canada will provide the Contractor with:
- 3.4.1.1. Access to the job site;
 - 3.4.1.2. Access to electric power; and
 - 3.4.1.3. On-site parking at the Contractor's expense.
- 3.5. Time Frame and Delivery Dates
- 3.5.1. Equipment delivery – within 8 weeks after contract award;
 - 3.5.2. Equipment documentation – at the time of Equipment delivery;
 - 3.5.3. Installation and commissioning of Equipment – within 30 days after Equipment delivery;
 - 3.5.4. Training – at the time of installation and commissioning of the Equipment; and
 - 3.5.5. Certifications – at the time of Equipment commissioning.
- 3.6. Contractor Qualifications
- 3.6.1. The Contractor must be an approved supplier of the OEM. If the Contractor is not the OEM, then the Contractor must provide a letter from the OEM confirming that the Contractor is an approved supplier.
 - 3.6.2. Personnel delivering training must be factory-trained representatives or must be approved as qualified trainers by the OEM.

4. DELIVERABLES

4.1 Equipment:

No.	Deliverable Item	Qty	Notes
1	Thermal Oxidation Stability Tester with Ellipsometer Tube Rater	1	
2	Portable Printer	1	Only required if the printer is not an integrated component of the

No.	Deliverable Item	Qty	Notes
			equipment
3	Reference Tube Verification Kit	1	

Table 4-1 List of Equipment Deliverables

4.2 Services:

No.	Deliverable Item	Qty	Notes
4	Calibration Services		Mandatory optional service. Quantity to be specified by the Contractor in accordance with the OEM's recommended calibration schedule. For example, if annual calibration is recommended, then quantity equals 5. If calibration is recommended every 18 months, then quantity equals 3. If calibration is recommended every 24 months, then quantity equals 2. Canada may choose to exercise any or all of the recommended calibrations.
5	Training Services	1	

Table 4-2 List of Services Deliverables

4.3 Documentation:

No.	Deliverable Item	Qty	Notes
6	Certificate of Calibration		For each calibration performed, 1 electronic copy by email
7	Certificate of Conformance	2	1 hard copy and 1 electronic copy on CD/DVD or USB flash drive
8	Statement of Compliance	2	1 hard copy and 1 electronic copy on CD/DVD or USB flash drive
9	Statement of Continued Production and Support	2	1 hard copy and 1 electronic copy on CD/DVD or USB flash drive
10	User Operations Manual	3	2 hard copies and 1 electronic copy on CD/DVD or USB flash drive
11	Maintenance Manual	3	2 hard copies and 1 electronic copy on CD/DVD or USB flash drive
12	Calibration Instructions	3	2 hard copies and 1 electronic copy on CD/DVD or USB flash drive

No.	Deliverable Item	Qty	Notes
13	Training Material	4	1 hard copy for each of 3 students and 1 electronic copy on CD/DVD or USB flash drive
14	Training Report	1	1 electronic copy by email
15	Training Certificate	3	1 certificate for each of 3 students, electronic copies by email

Table 4-3 List of Documentation Deliverables

4.4 Format for Documentation

- 4.4.1 Equipment documentation, reports, certificates and compliance statements must be provided in English.
- 4.4.2 Equipment documentation and reports may be provided in Contractor format.
- 4.4.3 Unless otherwise specified, certificates and compliance statements may be provided in Contractor format.
- 4.4.4 Document files provided in electronic format must provide users with the capability to search documents (e.g. keyword search).
- 4.4.5 Unless otherwise specified, electronic document files must be provided in PDF format.

ANNEX "B"

MANDATORY CRITERIA

MANDATORY TECHNICAL EVALUATION CRITERIA

Oxidation Stability Test System

1. General Instructions

The Bid must meet the mandatory requirements specified below. Bidders must provide the necessary documentation to support compliance with the requirements, including technical data sheets, specifications, brochures and/or other relevant technical documentation describing the equipment offered and demonstrating compliancy. Each mandatory technical requirement should be addressed separately and in the order presented below.

2. Mandatory Requirements Compliancy Matrix

Where *Provide Proposal Reference or Description* is indicated for the Bidder's response, Bidders must either provide a reference to their technical proposal where information can be found that clearly shows how the requirement is met by the proposed solution, or provide a description of how the requirement is met. **Where the Bidder's technical documentation does not clearly demonstrate that the equipment offered will meet a specific requirement, the Bidder's proposal must provide additional descriptions of how the requirement will be met by the proposed solution.**

Where *Provide Statement of Compliance* is indicated for the Bidder's response, Bidders must commit to complying with the requirement during the performance of the work. Bidders may indicate "Yes" in the Compliant column, which will be a commitment to comply, or they may provide a statement committing to comply.

SOW Para. #	MANDATORY REQUIREMENT	COMPLIANT		PROPOSAL REFERENCE OR DESCRIPTION OF HOW REQUIREMENT MET
		Yes	No	
3.1.3.	Technical Requirements:			
3.1.3.1.	The Thermal Oxidation Stability Tester and the Ellipsometer must be manufactured by the same original equipment manufacturer (OEM) and be designed to work as an integrated system to ensure compatibility with test samples transferred between instruments, to ensure consistency of results and to facilitate the performance of maintenance and calibration services by qualified personnel.	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Statement of Compliance</i>

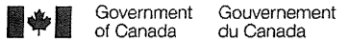
SOW Para. #	MANDATORY REQUIREMENT	COMPLIANT		PROPOSAL REFERENCE OR DESCRIPTION OF HOW REQUIREMENT MET
		Yes	No	
3.1.3.2.	The Equipment must be certified by the manufacturer for conducting thermal oxidation stability testing in accordance with the test methods specified in ASTM D3241: Standard Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (latest issue).	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Statement of Compliance</i>
3.1.3.3.	The Ellipsometer Tube Rater must be certified by the manufacturer for the performance of rating of heater tubes produced by Test Method D3241 in accordance with Annex A3 of ASTM D3241, "Rating of D3241 Heater Tubes – Ellipsometer Method".	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Statement of Compliance</i>
3.1.3.4.	The Equipment must be capable of achieving the following accuracy in measurement of fuel deposits:	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>
(a)	within ± 5% of a known thickness reference standard; and	<input type="checkbox"/>	<input type="checkbox"/>	
(b)	within ± 1 mm of a known position reference standard.	<input type="checkbox"/>	<input type="checkbox"/>	
3.1.3.5.	The Thermal Oxidation Stability Tester must meet the following technical requirements:	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>
(a)	Dual piston, HPLC-type, hydraulic pressure pump system used for pumping the sample through the tester;	<input type="checkbox"/>	<input type="checkbox"/>	
(b)	Electronic measurement of differential pressure converted by transducer for printout; and	<input type="checkbox"/>	<input type="checkbox"/>	
(c)	Compatible with heater tubes that meet the requirements of ASTM D3241, Table 2.	<input type="checkbox"/>	<input type="checkbox"/>	
3.1.3.6.	The Ellipsometer Tube Rater must meet the following technical requirements:	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>
(a)	Capable of measuring the thickness of the fuel deposit from 5 to 55 mm of the total 60 mm length of a heater tube by Test Method D3241;	<input type="checkbox"/>	<input type="checkbox"/>	
(b)	Capable of measuring up to 100 points along the length of the heater tube;	<input type="checkbox"/>	<input type="checkbox"/>	
(c)	Capable of measuring up to 360 equally spaced points around the circumference of the tube; and	<input type="checkbox"/>	<input type="checkbox"/>	
(d)	Compatible with heater tubes that meet the requirements of ASTM D3241, Table 2.	<input type="checkbox"/>	<input type="checkbox"/>	

SOW Para. #	MANDATORY REQUIREMENT	COMPLIANT		PROPOSAL REFERENCE OR DESCRIPTION OF HOW REQUIREMENT MET
		Yes	No	
3.1.3.7.	The Equipment must be powered by a standard 120 VAC / 60 Hz power outlet.	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>
3.1.3.8.	All provided proprietary software must be of the most current version and must be provided with a full end-user licence not limited in time, and provided with backup CD/DVD disk(s)/USB.	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>
3.1.3.9.	The Equipment must meet the more stringent of the technical specifications stated in this Statement of Work or the manufacturer's published specifications.	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>
3.1.3.10	The Equipment must meet the manufacturer's published specifications for any functional or performance parameter not specified in this Statement of Work.	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>
3.1.3.11	The Equipment must be benchtop instruments. Benchtop is defined as suitable in size or configuration for convenient use on a laboratory workbench.	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>
3.1.3.12	The Equipment must be capable of printing paper copies of test results directly from the instrument, either through an integrated printer or through a portable printer connected to the instrument.	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>
3.1.3.13	The Equipment must be capable of transferring electronic test results to a portable computer, either through a direct connection with an Ethernet data transfer cable or through a removable USB flash drive.	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>
3.1.3.14	The software must be configured for ASTM D3241 testing.	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>
3.1.3.15	The Equipment must be capable of displaying information in English.	<input type="checkbox"/>	<input type="checkbox"/>	<i>Provide Proposal Reference or Description</i>

ANNEX "C"

SECURITY REQUIREMENTS CHECK LIST

JUL 10 2017



Contract Number / Numéro du contrat W8486-184201
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 QETE
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 Aquisition, delivery, installation, commissioning and on-site training of an Oxidative Stability Test System		
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? 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?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / 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? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (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)		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui
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. 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.		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / 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 <input type="checkbox"/>	NATO / OTAN <input type="checkbox"/>	Foreign / Étranger <input type="checkbox"/>
7. b) Release restrictions / Restrictions relatives à la diffusion		
No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>	All NATO countries Tous les pays de l'OTAN <input type="checkbox"/>	No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>
Not releasable À ne pas diffuser <input type="checkbox"/>		
Restricted to: / Limité à: <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>
Specify country(ies): / Préciser le(s) pays:	Specify country(ies): / Préciser le(s) pays:	Specify country(ies): / Préciser le(s) pays:
7. c) Level of information / Niveau d'information		
PROTECTED A PROTÉGÉ A <input type="checkbox"/>	NATO UNCLASSIFIED NATO NON CLASSIFIÉ <input type="checkbox"/>	PROTECTED A PROTÉGÉ A <input type="checkbox"/>
PROTECTED B PROTÉGÉ B <input type="checkbox"/>	NATO RESTRICTED NATO DIFFUSION RESTREINTE <input type="checkbox"/>	PROTECTED B PROTÉGÉ B <input type="checkbox"/>
PROTECTED C PROTÉGÉ C <input type="checkbox"/>	NATO CONFIDENTIAL NATO CONFIDENTIEL <input type="checkbox"/>	PROTECTED C PROTÉGÉ C <input type="checkbox"/>
CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>	NATO SECRET NATO SECRET <input type="checkbox"/>	CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>
SECRET SECRET <input type="checkbox"/>	COSMIC TOP SECRET COSMIC TRÈS SECRET <input type="checkbox"/>	SECRET SECRET <input type="checkbox"/>
TOP SECRET TRÈS SECRET <input type="checkbox"/>		TOP SECRET TRÈS SECRET <input type="checkbox"/>
TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>		TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>

TBS/SCT 350-103(2004/12)

Security Classification / Classification de sécurité
Unclassified





Contract Number / Numéro 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 / Non Yes / 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 / Non Yes / 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			

SM Special comments:
Commentaires spéciaux : Access required by contractor personnel to operational zone for installation and training on new equipment.

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 / Non Yes / Oui
If Yes, will unscreened personnel be escorted?
Dans l'affirmative, le personnel en question sera-t-il escorté? No / Non Yes / 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 / Non Yes / 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 / Non Yes / Oui

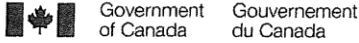
PRODUCTION

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 / Non Yes / 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 / Non Yes / 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 / Non Yes / Oui



Contract Number / Numéro 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 indiquer qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).



Government of Canada / Gouvernement du Canada

Contract Number / Numéro du 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	
Donald Turcotte	Complex Projects Manager	<i>Donald Turcotte</i>	
Telephone No. - N° de téléphone 819-939-9149	Facsimile No. - N° de télécopieur 819-997-2523	E-mail address - Adresse courriel domald.turcotte@forces.gc.ca	Date 22 June 2017
14. Organization Security Authority / Responsable de la sécurité de l'organisme			
Name (print) - Nom (en lettres moulées)	Title - Titre	Signature	
-	Sasa Medjovic - DDSO - Industrial Security Senior Security Analyst	<i>Sasa Medjovic</i>	
Telephone No. - N° de téléphone	Tel: 613-996-0286 de télécopieur	E-mail address - Adresse courriel E-mail: sasa.medjovic@forces.gc.ca	Date 2017 - July 10
Des instructions supplémentaires (p. ex. Guide de sécurité, Guide de classification de la sécurité) sont-elles jointes?			<input type="checkbox"/> No / <input checked="" type="checkbox"/> Yes / Non / 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	
Linda Daly	Contract Security Officer	<i>Linda Daly</i>	
Telephone No. - N° de téléphone 613-957-9337	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel Linda.Daly@forces.gc.ca	Date July 24 2017

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);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);
- Large Value Transfer System (LVTS) (Over \$25M)

ANNEX "E" to PART 5 - 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 employees (combined work force includes: permanent full-time, permanent part-time and temporary employees [temporary employees only includes those who have worked 12 weeks or more during a calendar year and who are not full-time students]).
- 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)

ANNEX "F"**PRICING SCHEDULE**

The information in this annex will form part of the resulting contract. It is anticipated that in the resulting contract, this Annex will become Annex B and will consist of two tables separating the deliverables with prices under the resulting contract from the available options with prices under the resulting contract.

Bidders are to review paragraph 3.1 Bid Preparation Instructions Section II Financial bid for instructions on the completion of the Pricing Schedule.

Deliverables Item / Goods and Services	Qty	Firm Unit Price Applicable Taxes Extra	Total Price Applicable Taxes Extra
1) Thermal Oxidation Stability Test System (SOW Para 3.1.1 & SOW Para 4.1 No 1)	1	\$	\$
2) Warranty –Initial Period (see GC 2010A 09 sub para 1.)	1	\$	\$
a. Warranty Option Period 1 (from end of initial warranty period for a period of 12 months)	1	\$	\$
b. Warranty Option Period 2 (from end of warranty option period 1 for a period of 12 months)	1	\$	\$
c. Warranty Option Period 3 (from end of warranty option period 2 for a period of 12 months)	1	\$	\$
d. Warranty Option Period 4 (from end of warranty option period 3 for a period of 12 months)	1	\$	\$
3) End User Licence for Proprietary Software (SOW Para 3.1.3.8) with backup CD/DVD(s)/USB	1	\$	\$
4) Printer, if proposed, including a connecting cable for data transfer, a power cord and an initial supply of ink/toner. (SOW Para 3.1.4.1 & SOW Para 4.1 No 2)	1	\$	\$
5) Reference Tube Verification Kit (SOW Para 3.1.4.2 & SOW Para 4.1 No 3)	1 kit	\$	\$
6) Installation (SOW Para 3.2.1)	1	\$	\$
7) Commissioning (SOW Para 3.2.1)	1	\$	\$
8) Training (SOW Para 3.2.2 & SOW para 4.2 No. 5)	1	\$	\$
a. Training Summary report (SOW Para 3.2.2.3.a & SOW para.4.2 No.14)	1	\$	\$
b. Training Certificate (SOW Para 3.2.2.3. b et & SOW para 4.2 No.15)		\$	\$
9) Technical Service Support (SOW Para 3.2.3)			

a. Availability (SOW Para 3.2.3.1)	1	\$	\$
b. Service Desk (SOW Para 3.2.3.2)	1	\$	\$
c. Product Notifications (SOW Para 3.2.3.3)	1	\$	\$
d. Software Support Period - 10 years - (SOW Para 3.2.3.4)	1	\$	\$
e. Calibration – Initial (SOW Para 3.2.3.5 & SOW Para 4.2 No 4)	1	\$	\$
f. First Calibration Services Option (SOW Para 3.2.3.5 & SOW para 4.2 No. 4) consisting of one calibration.	1	\$	\$
g. Second Calibration Services Option (SOW Para 3.2.3.5 & SOW para 4.2 No. 4) consisting of one calibration.	1	\$	\$
h. Third Calibration Services Option (SOW Para 3.2.3.5 & SOW para 4.2 No. 4) consisting of one calibration.	1	\$	\$
i. Fourth Calibration Services Option (SOW Para 3.2.3.5 & SOW para 4.2 No. 4) consisting of one calibration.	1	\$	\$
j. Fifth Calibration Services Option (SOW Para 3.2.3.5 & SOW para 4.2 No. 4) consisting of one calibration.	1	\$	\$
10) Documentation			
a. Certificate of Calibration (SOW Para 3.2.4.1 & SOW para 4.3 No. 6) For each calibration performed, 1 electronic copy by e-mail	1	\$	\$
b. Certificate of Conformance (SOW Para 3.2.4.2 & SOW para 4.3 No 7) Electronic copy on CD/DVD or USB flash Drive	1	\$	\$
c. Certificate of Conformance (SOW Para 3.2.4.2 & SOW para 4.3 No 7) Hard copy	1	\$	\$
d. Statement of Compliance (SOW Para 3.2.4.3 & SOW para 4.3 No 8) Electronic copy on CD/DVD or USB flash Drive	1	\$	\$
e. Statement of Compliance (SOW Para 3.2.4.3 & SOW para 4.3 No 8) Hard copy	1	\$	\$
f. Statement of Continued Production and Support (SOW Para 3.2.4.4 & SOW para 4.3 No 9) Electronic copy on CD/DVD or USB flash Drive	1	\$	\$
g. Statement of Continued Production and Support (SOW Para 3.2.4.4 & SOW para 4.3 No 9) Hard Copy	1	\$	\$
h. User Operations Manual (SOW Para 3.2.5.1 & SOW para 4.3 No. 10)	1	\$	\$

	Electronic copy on CD/DVD or USB flash Drive			
i.	User Operations Manual (SOW Para 3.2.5.1 & SOW para 4.3 No. 10) Hard copy	2	\$	\$
j.	Maintenance Manual (SOW Para 3.2.5.2 & SOW para 4.3 No. 11) Electronic copy on CD/DVD or USB flash Drive	1	\$	\$
k.	Maintenance Manual (SOW Para 3.2.5.2 & SOW para 4.3 No. 11) Hard copy	2	\$	\$
l.	Calibration Instructions (SOW para 4.3 No. 12) Electronic copy on CD/DVD or USB flash Drive	1	\$	\$
m.	Calibration Instructions (SOW para 4.3 No. 12) Hard copy	2	\$	\$
n.	Proprietary Software (on a backup CD/DVD disks/USB) (SOW Para 3.1.3.8)	1	\$	\$
Total evaluated price				\$