



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Réception des soumissions - TPSGC / Bid Receiving
- PWGSC
1550, Avenue d'Estimauville
1550, D'Estimauville Avenue
Québec
Québec
G1J 0C7

**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

CE DOCUMENT CONTIENT DES EXIGENCES
RELATIVES À LA SÉCURITÉ. /
THIS DOCUMENT CONTAINS A SECURITY
REQUIREMENT.

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

TPSGC/PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
G1J 0C7

Title - Sujet 100 kN Tensile Testing System	
Solicitation No. - N° de l'invitation W7701-197019/A	Date 2019-03-06
Client Reference No. - N° de référence du client W7701-197019	
GETS Reference No. - N° de référence de SEAG PW-\$QCN-034-17629	
File No. - N° de dossier QCN-8-41209 (034)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-04-16	Time Zone Fuseau horaire Heure Avancée de l'Est HAE
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: Tremblay, Marial	Buyer Id - Id de l'acheteur qcn034
Telephone No. - N° de téléphone (418) 803-4088 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Defence R & D Canada - Valcartier / R et D Défense Canada - Valcartier 2459 route de la Bravoure Québec (Québec) G3J 1X5	

Instructions: See Herein

Instructions: Voir aux présentes

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	

100KN TENSILE TESTING SYSTEM

DRDC - DEFENCE R & D CANADA-VALCARTIER (DRDC) MUNITIONS EXPERIMENTAL TEST CENTRE (METC)

TABLE OF CONTENTS (applicable only for the Document 2 of 2)

PART 1 - GENERAL INFORMATION	5
1.1 Security Requirements	5
1.2 Requirement.....	5
1.3 Debriefings	5
1.4 Trade Agreements.....	5
1.5 epost Connect service.....	6
PART 2 - BIDDER INSTRUCTIONS	7
2.1 Standard Instructions, Clauses and Conditions	7
2.2 Submission of Bids.....	7
2.3 Enquiries - Bid Solicitation	8
2.4 Applicable Laws	8
PART 3 - BID PREPARATION INSTRUCTIONS	9
3.1 Submit the Bid	9
3.1.1 Submit the Bid Electronically	9
3.1.2 Submit the Bid in Hard Copies.....	9
3.2 Format Instruction for the Preparation of the Bid	10
3.2.1 Section I: Technical Bid	10
3.2.2 Section II: Financial Bid	10
3.2.2.1 Exchange Rate Fluctuation Risk Mitigation.....	10
3.2.3 Section III: Certifications	11

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION12

4.1	Evaluation Procedures	12
4.1.1	Technical Evaluation.....	12
4.1.1.1	Mandatory Criteria	12
4.1.2	Financial Evaluation.....	12
4.2	Basis of Selection - Mandatory Criteria.....	12

PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION13

5.1	Certifications Required with the Bid	13
5.1.1	Integrity Provisions - Declaration of Convicted Offences	13
5.2	Certifications Precedent to Contract Award and Additional Information	13
5.2.1	Integrity Provisions - Required Documentation	13
5.2.2	Federal Contractors Program for Employment Equity - Bid Certification	14
5.2.3	OEM Certification.....	14
5.2.4	Software Publisher Certification and Software Publisher Authorization	15

PART 6 - RESULTING CONTRACT CLAUSES.....16

6.1	Security Requirement for Canadian Supplier.....	16
6.2	Requirement.....	16
6.3	Standard Clauses and Conditions.....	16
6.3.1	General Conditions	17
6.3.1.1	Intellectual property infringement and royalties.....	17
6.3.2	Supplemental General Conditions	17
6.3.3	Warranty Periods	17
6.3.3.1	Hardware Warranty Period.....	17
6.3.3.2	Software Warranty Period	17
6.4	Term of Contract	18
6.4.1	Period of the Contract.....	18
6.4.2	Delivery Period.....	18
6.4.3	Installation and Training Period	18
6.4.4	Liquidated Damages.....	18

W7701-197019/A

qcn034

W7701-197019

QCN-8-41209

6.5	Authorities	19
6.5.1	Contracting Authority - PWGSC	19
6.5.2	DRDC Authorities.....	19
6.5.2.1	Administrative Authority - DRDC	19
6.5.2.2	Technical Authority - DRDC	19
6.5.3	Contractor's Representatives.....	20
6.6	Payment	21
6.6.1	Basis of Payment - Firm Lot Prices	21
6.6.2	SACC Manual Clauses	21
6.7	Invoicing Instructions.....	21
6.8	Certifications and Additional Information	22
6.8.1	Compliance	22
6.9	Applicable Laws	22
6.10	Priority of Documents.....	22
6.11	Defence Contract	23
6.12	Canadian Forces Site Regulations.....	23
6.13	Electrical Equipment	23
6.14	Insurance - No Specific Requirement	23
6.15	Shipping Instructions - Delivery at Destination	23
ANNEX A - REQUIREMENT		24
A.1	Title.....	24
A.2	Context	24
A.3	Acronym	24
A.4	Electrical Power Supply	24
A.5	Deliverables.....	25
A.5.1	100 kN Tensile Strength System	25
A.5.2	Documentation.....	25
A.5.3	Installation and Training.....	25
A.5.3.1	Training.....	25

ANNEX B - MINIMUM PERFORMANCE CHARACTERISTICS OF EQUIPMENT27

B.1	100 kN Tensile Test System	27
B.1.1	Frame of the Tensile Test System	27
B.1.2	Software of the Tensile Test System	28
B.1.3	Performance of the Tensile Test System.....	31

ANNEX C - BASIS OF PAYMENT33

C.1	Pricing	33
-----	---------------	----

ANNEX D - SECURITY REQUIREMENTS CHECK LIST (SRCL).....35

D.1	Annex D - SRCL.....	35
-----	---------------------	----

ANNEX E - MANDATORY CRITERIA.....36

E.1	Mandatory Criterion # 1 - Minimum Performance Characteristics of Equipment.....	36
E.1.1	Frame of the Tensile Test System.....	37
E.1.2	Software of the Tensile Test System	39
E.1.3	Performance of the Tensile Test System.....	44

ANNEX F - ORIGINAL EQUIPMENT MANUFACTURER (OEM) CERTIFICATION FORM.....47**ANNEX G - SOFTWARE PUBLISHER CERTIFICATION FORM48**

G.1	Bidder itself is the Software Publisher	48
G.2	Bidder is not the Software Publisher.....	49

ANNEX H - Presentation of your bid.....50

H.1	Check List.....	50
-----	-----------------	----

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 sites must meet the security requirements as indicated in Part 6 - Resulting Contract Clauses;
 - c. the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites.
2. 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 Contract Security Program of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.

1.2 Requirement

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

1.3 Debriefings

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

1.4 Trade Agreements

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

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

1.5 epost Connect service

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) 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 (2018-05-22) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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

- Delete: 60 days
- Insert: 120 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.

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

You can submit your bid:

- (a) by mail at the following address:

Bid Receiving Unit
Public Works and Government Services Canada (PWGSC)
1550 D'Estimauville Avenue
Quebec City, Quebec, Canada, G1J 0C7

or

- (b) by using the epost Connect service provided by Canada Post Corporation (https://www.canadapost.ca/web/en/products/details.page?article=epost_connect_send_a)
The email address of PWGSC Quebec region Bid Receiving Unit is:

TPSGC.RQReceptionSoumissions-QRSupplyTendersReception.PWGSC@tpsgc-pwgsc.gc.ca

NOTE THAT YOU SHOULD NOT SEND YOUR OFFERS DIRECTLY TO THIS EMAIL ADDRESS, BUT PROCEED THROUGH CANADA POST EPOST CONNECT SERVICE

For more information on the procedure of epost Connect service, please refer to section "2. Epost connection" of section 08 (2018-05-22) Transmission by facsimile or by epost Connect of Standard Instructions (SI) 2003.

Below is the Web link to achieve directly Section 08 of SI:

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/1/2003/23#transmission-by-facsimile>

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) 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 Quebec, Canada.

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 Submit the Bid

3.1.1 Submit the Bid Electronically

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

3.1.2 Submit the Bid in Hard Copies

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 (2 hard copies)
Section II:	Financial Bid (2 hard copy)
Section III:	Certifications (2 hard copy)

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

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

3.2 Format Instruction for the Preparation 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>). 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.

3.2.1 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.

3.2.2 Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.2.2.1 Exchange Rate Fluctuation Risk Mitigation

- 1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form PWGSC-TPSGC 450, <http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/450.pdf> Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
- 2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.

W7701-197019/A

qcn034

W7701-197019

QCN-8-41209

-
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
 4. At time of bidding, the Bidder must complete columns (1) to (4) on form PWGSC-TPSGC 450, for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
 5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

3.2.3 Section III: Certifications

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

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

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

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Criteria

Mandatory Criteria are included in Annex E.

4.1.2 Financial Evaluation

1. Bidders must submit firm prices, customs duties and excise taxes included, and Applicable Taxes excluded.
2. Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.
3. Bidders must provide prices Delivered Duty Paid (DDP) **DRDC, METC, building 243, 2459, de la Bravoure Road, Quebec, Quebec G3J 1X5** Canada Incoterms 2010 for shipments from a commercial contractor. Bids will be assessed on a DDP basis.

4.2 Basis of Selection - Mandatory Criteria

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

PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions - Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real 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.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the Employment and Social Development Canada (ESDC) - Labour's website (http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969).

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.

5.2.3 OEM Certification

- (a) Any Bidder that is not the Original Equipment Manufacturer (OEM) for every item of hardware proposed as part of its bid is required to submit the OEM's certification (Annex F) regarding the Bidder's authority to provide and maintain the OEM's hardware, which must be signed by the OEM (not the Bidder). No Contract will be awarded to a Bidder who is not the OEM of the hardware it proposes to supply to Canada, unless the OEM certification has been provided to Canada. Bidders are requested to use the OEM Certification Form (Annex F) included with the bid solicitation. Although all the contents of the OEM Certification Form are required, using the form itself to provide this information is not mandatory. For Bidders/OEMs who use an alternate form, it is in Canada's sole discretion to determine whether all the required information has been provided.
- (b) If the hardware proposed by the Bidder originates with multiple OEMs, a separate OEM certification is required from each OEM.
- (c) For the purposes of this bid solicitation, OEM means the manufacturer of the hardware, as evidenced by the name appearing on the hardware and on all accompanying documentation.

5.2.4 Software Publisher Certification and Software Publisher Authorization

- (a) If the Bidder is the Software Publisher for any of the proprietary software products it bids, Canada requires that the Bidder confirm in writing that it is the Software Publisher (G.1 of Annex G). Bidders are requested to use the Software Publisher Certification Form included with the bid solicitation. Although all the contents of the Software Publisher Certification Form are required, using the form itself to provide this information is not mandatory. For bidders who use an alternate form, it is in Canada's sole discretion to determine whether all the required information has been provided. Alterations to the statements in the form may result in the bid being declared non-responsive.
- (b) Any Bidder that is not the Software Publisher of all the proprietary software products proposed in its bid is required to submit proof of the Software Publisher's authorization (G.2 of Annex G), which must be signed by the Software Publisher (not the Bidder). No Contract will be awarded to a Bidder who is not the Software Publisher of all of the proprietary software it proposes to supply to Canada, unless proof of this authorization has been provided to Canada. If the proprietary software proposed by the Bidder originates with multiple Software Publishers, authorization is required from each Software Publisher. Bidders are requested to use the Software Publisher Authorization Form included with the bid solicitation. Although all the contents of the Software Publisher Authorization Form are required, using the form itself to provide this information is not mandatory. For Bidders/Software Publishers who use an alternate form, it is in Canada's sole discretion to determine whether all the required information has been provided. Alterations to the statements in the form may result in the bid being declared non-responsive.
- (c) In this bid solicitation, "Software Publisher" means the owner of the copyright in any software products proposed in the bid, who has the right to license (and authorize others to license/sub-license) its software products

PART 6 - RESULTING CONTRACT CLAUSES

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

Notice: Numbering will be revised at contract award

6.1 Security Requirement for Canadian Supplier

The following security requirements (SRCL and related clauses provided by the Contract Security Program) 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 (if applicable), attached at Annex D;
 - b. Industrial Security Manual (Latest Edition).

6.2 Requirement

The Contractor must provide and install a 100 kN tensile testing system, 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.

6.3.1 General Conditions

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

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/3/2010A/18>

6.3.1.1 Intellectual property infringement and royalties

Articles of Agreement, the "Intellectual Property Infringement and Royalties" section that is contained in general conditions 2030 (2016-04-04) are included.
<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/3/2030/18#intellectual-property-infringement-and-royalties>

6.3.2 Supplemental General Conditions

The following Supplemental General Conditions apply to and form part of the Contract:

Number	Date	Title
4001	2015-04-01	Hardware Purchase, Lease and Maintenance https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/4/4001/6
4003	2010-08-16	Licensed Software https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/4/4003/4
4004	2013-04-25	Maintenance and Support Services for Licensed Software https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/4/4004/5

6.3.3 Warranty Periods

6.3.3.1 Hardware Warranty Period

The hardware warranty period is 12 months as indicated in section 14 of supplemental general conditions 4001 (2015-04-01).

6.3.3.2 Software Warranty Period

Section 15 of supplemental general conditions 4003 (2010-08-16) is amended by replacing the period of ninety (90) days by 12 months.

All other provisions of the warranty section remain in effect.

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from date of Contract until the end of the warranty period inclusive.

6.4.2 Delivery Period

All the deliverables except the installation and training must be received within a period of one hundred and fifty (150) calendar days after the contract is awarded.

6.4.3 Installation and Training Period

Installation and training must begin no later than thirty (30) calendar days after delivery.

6.4.4 Liquidated Damages

1. If the Contractor fails to deliver the goods and perform the services within the time specified in the Contract, the Contractor agrees to pay to Canada liquidated damages in the amount of \$500.⁰⁰ for each calendar day of delay. The total amount of the liquidated damages must not exceed 10 percent of the contract price.
2. Canada and the Contractor agree that the amount stated above is their best pre-estimate of the loss to Canada in the event of such a failure, and that it is not intended to be, nor is it to be interpreted as, a penalty.
3. Canada will have the right to hold back, drawback, deduct or set off from and against the amounts of any monies owing at any time by Canada to the Contractor, any liquidated damages owing and unpaid under this section.
4. Nothing in this section must be interpreted as limiting the rights and remedies which Canada may otherwise have under the Contract.

6.5 Authorities

6.5.1 Contracting Authority - PWGSC

The Contracting Authority for the Contract is:

Name: Marial Tremblay
Title: Supply specialist
Telephone: 418-803-4088
E-mail address: Marial.Tremblay@pwgsc.gc.ca

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

6.5.2 DRDC Authorities

6.5.2.1 Administrative Authority - DRDC

For all information related to invoicing and/or payments you may communicate with:

(to be completed at contract award by PWGSC)

Name: _____
Title: _____
Telephone No.: _____
Facsimile No.: _____
E-mail Address: _____

6.5.2.2 Technical Authority - DRDC

The Technical Authority for the Contract is:

(to be completed at contract award by PWGSC)

Name: _____
Title: _____
Telephone No.: _____
Facsimile No.: _____

W7701-197019/A

qcn034

W7701-197019

QCN-8-41209

E-mail Address: _____

The Technical 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 Technical Authority, however the Technical 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 Representatives

Name and telephone number of the person responsible for :

(a) Contract Manager:

Name: _____

Title: _____

Telephone No.: _____

Facsimile No.: _____

E-mail Address: _____

(b) Delivery, Installation and Training Follow up:

Name: _____

Title: _____

Telephone No.: _____

Facsimile No.: _____

E-mail Address: _____

6.6 Payment

6.6.1 Basis of Payment - Firm Lot Prices

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid the firm lot prices, as specified in Annex C for a cost of \$_____ (to be completed at contract award by PWGSC). Customs duties are included, and Applicable Taxes are extra.

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

6.6.2 SACC Manual Clauses

Number	Date	Title
C2000C	2007-11-30	Taxes - Foreign-based Contractor https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/C/C2000C/1
H1001C	2008-05-12	Multiple Payments https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/H/H1001C/2

6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:

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 and Additional Information

6.8.1 Compliance

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

6.9 Applicable Laws

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

6.10 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the supplemental general conditions:
 - (i) 4001 (2015-04-01), Hardware Purchase, Lease and Maintenance;
 - (ii) 4003 (2010-08-16), Licensed Software; and
 - (iii) 4004 (2013-04-25), Maintenance and Support Services for Licensed Software.
- (c) the general conditions 2010A (2018-06-21), General Conditions - Goods (Medium Complexity);
- (d) Annex A, Requirement;
- (e) Annex B, Minimum Performance Characteristics of Equipment;
- (f) Annex C, Basis of Payment;
- (g) Annex D, Security Requirements Check List (SRCL); and
- (h) the Contractor's bid dated _____ (to be completed at contract award by PWGSC)

6.11 Defence Contract

The Contract is a defence contract within the meaning of the Defence Production Act, R.S.C. 1985, c. D-1, <http://laws-lois.justice.gc.ca/eng/acts/d-1/> and must be governed accordingly.

Title to the Work or to any materials, parts, work-in-process or finished work must belong to Canada free and clear of all claims, liens, attachments, charges or encumbrances. Canada is entitled, at any time, to remove, sell or dispose of the Work or any part of the Work in accordance with section 20 of the Defence Production Act.

6.12 Canadian Forces Site Regulations

The Contractor must comply with all standing orders or other regulations, instructions and directives in force on the site where the Work is performed.

6.13 Electrical Equipment

All electrical equipment supplied under the Contract must be certified or approved for use in accordance with the Canadian Electrical Code, Part 1, before delivery, by a certification organization accredited by the Standards Council of Canada.

6.14 Insurance - No Specific Requirement

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

6.15 Shipping Instructions - Delivery at Destination

Goods must be consigned to the destinations specified in the Contract and delivered: Delivered Duty Paid (DDP):

Defence Research and Development Canada (DRDC)
Munitions Experimental Test Centre (METC)
Building 243
2459, de la Bravoure Road
Quebec, Quebec G3J 1X5 Canada

Incoterms 2000 for shipments from a commercial contractor.

ANNEX A - REQUIREMENT**A.1 Title**

100 kN Tensile Strength System

A.2 Context

Munitions Experimental Test Centre (METC) mandate is to provide specialized, technology-based test and investigative services required to support engineering decisions throughout all phases of materiel acquisition and support. METC provides test, evaluation and failure analysis services related to weapons, ammunitions, explosives and protective equipment in support of equipment programs. This Tensile Strength System will be used evaluate the extraction force required to separate a projectile from a cartridge case for medium calibre ammunition up to 500 mm long and 40 mm diameter. This will enable METC to carry out procedures required during investigation of malfunctions/accidents that will result in accurately reported findings.

A.3 Acronym

A	Ampere
AD	Applicable Document
DRDC	Defence Research and Development Canada
Hz	Hertz
kN	Kilo Newton
METC	Munitions Experimental Test Centre
PC	Personal Computer
SI	Système international
V	Volt

A.4 Electrical Power Supply

The system must be connected to the electrical sector of DRDC Valcartier: of 115 volts, 1 phase, 60 Hz, 20 amperes. If an electrical device (e.g. transformer) is required to connect the system to the electrical sector available at DRDC Valcartier, the Contractor is responsible for supplying and installing it at its own cost.

A.5 Deliverables

A.5.1 100 kN Tensile Strength System

The Contractor must provide and deliver one (1) 100 kN tensile strength system based on the minimum performance characteristics of equipment detailed in Annex B.

A.5.2 Documentation

The Contractor must provide the following documentation, in English or French or both if available:

- one (1) user manual in paper and electronic format;
- one (1) maintenance manual in paper and electronic; and
- one (1) calibration manual in paper and electronic.

A.5.3 Installation and Training

Installation Training must begin no later than thirty (30) calendar days after delivery. The coordination of the installation and training must be done with the technical authority before the beginning of the installation.

The installation and training must be carried out during normal working hours, 08:00 to 16:00, Monday to Friday, due to the required access to staff and resources of DRDC.

The Contractor will be responsible for the costs of the installer(s) and the trainer(s) for meals, accommodation and travel between his office and the training site.

A.5.3.1 Training

Two (2) days (16 hours) of system and software training for up to 8 persons. This training will be on site at METC, in French or in English.

A.5.3.1 Training

The training must cover, as a minimum, the following points:

1	General materials testing safety precautions and system safety features.
2	Integration and set-up of load frame and computer.

A.5.3.1 Training

The training must cover, as a minimum, the following points:

3	Mounting and testing of all peripheral fixtures and transducers.
4	Setup of hardware to the user's immediate requirement.
5	Review of the major system components.
6	Powering on/off of instrument and software.
7	Console and software console controls.
8	Calibration procedures.
9	Review basic operation manual and related documentation.
10	Review user's application needs.
11	Set-up of sample and specimen parameters.
12	Set-up of test control parameters.
13	Creation and running of 5 to 10 user test methods.
14	Testing customer supplied specimens to validate/verify developed test methods.
15	Review of test method results.
16	Review of default/standard report format.
17	Review and set-up of report templates.
18	Results calculations setup.
19	Instruction on modifications to test methods and report templates.
20	Connecting and configuring user transducers.
21	Creation and use of physical and virtual measurements.
22	Creating waveforms.
23	Use of control modes.
24	Selecting specific calculations and results.

ANNEX B - MINIMUM PERFORMANCE CHARACTERISTICS OF EQUIPMENT

The minimum performance characteristics of equipment listed in this annex are, first and foremost, the minimum requirements and do not constitute an exhaustive list.

Any characteristics of equipment required for operation of the equipment and not described in this annex are an integral part of the equipment and their cost is included in the contract value.

B.1 100 kN Tensile Test System

The 100 kN Tensile Test System must be a table-mounted, double column, electromechanical test system. The apparatus must be capable of being used for tensile, compression, compression, bending, shear and reverse stress tests by means of numerical control and data acquisition electronics, including the extension of the crosshead and load measurement channels. In addition, the device must meet the minimum performance characteristics of equipment listed in this annex.

B.1.1 Frame of the Tensile Test System	
The minimum performance characteristics of the frame:	
1	Testing speed range: 0.00005 to 1016 1mm/min (0.000002 in/min to 40 in/min);
2	Crosshead return speed: 1016 mm/min (40 in/min);
3	The travel distance of the load crosshead must be sufficient to perform a tensile test on a 500mm long part;
4	Frame that is rated to a minimum of 100 kN;
5	100 kN load cell (minimum acceptable);
6	The load frame must include at least two (2) 80 mm diameter smooth ground guidance rods for the moving crosshead;
7	The load frame must include a CSA (or equivalent) approved emergency stop switch. The system must not restart the crosshead moving when the emergency stop button is released. The emergency stop switch will remain active when covers are removed for service;
8	The frame must include adjustable dual level mechanical limit switches that prevent the crosshead from traveling too high or too low. The first level switch must stop the crosshead, but maintain power to the system. The second level limit switch must cut the power to the frame in case the first level switch malfunctions;

B.1.1 Frame of the Tensile Test System

The minimum performance characteristics of the frame:

9	The frame must include an attachment mechanism (such as integrated T-slots) on the front and back of both column covers for easy mounting of accessories;
10	The frame must have a clearly labeled buttons to jog the crosshead UP or DOWN. When released, the crosshead must stop ;
11	The frame must include an operator panel which can be used to run and stop tests at the frame as opposed to through the PC and software. The operator panel must have at least two (2) live display read outs that are in synchronize with the testing software live displays as well as at least two (2) shortcut keys that can be used to carry out functions such as balancing load, strain or marking data. The operator panel must also have a fine position wheel that can be used to move the frame crosshead in small increments to aid in the installation and removal of fixtures.

B.1.2 Software of the Tensile Test System

The minimum performance characteristics of the software:

1	The control software must be a true graphical user interface compatible with Microsoft Windows 7;
2	The software must allow the user to assign at least two (2) soft keys displayed on the monitor to provide quick access to functionality such as balance load, balance strain, reset gauge length and exclude specimen at a minimum;
3	The testing software must be able to perform tensile, compression, flexure, peel, tear, friction, stress relaxation, creep and simple cyclic tests and include an appropriate calculation list for each type of test at a minimum;
4	The testing software must be able to perform cyclic testing defined by blocks that can be customized by the user and include relative ramps, absolute ramps, triangle waveforms and hold patterns at a minimum;
5	The software must allow for load and strain control of the test system;

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

B.1.2 Software of the Tensile Test System

The minimum performance characteristics of the software:

6	The control software must include set-up of the following, test speed, limits on all channels, calibration and balance of transducers, specimen dimensions, and results tables at a minimum;
7	The software must allow the user to specify the test control area above or below the moving crosshead;
8	The software must allow the user to enable a specimen protection safety feature and set a load threshold to prevent damage during gripping and specimen preload;
9	The software must allow the user (when configuring a test method) the option to select auto-balance load and/or strain channels before the start of the test;
10	The software must allow the user (when configuring a test method) the option to select pre-load or pre-cycle a specimen before the start of a test;
11	The software must allow the user to configure a test method to automatically detect a specimen break by a change in rate of load or a percentage drop of the maximum load;
12	The software must have the option available to allow for automatic return of the crosshead to the test start position after specimen break is detected and also to be able to select a specimen protect feature;
13	The software must allow the user to enable an audio alert defined by a load threshold value;
14	The control software must be capable of acquiring data at 1000 Hz across load, displacement, and up to two (2) additional strain channels that can be utilised on an optional basis. Data rates must not be affected by the number of strain channels collected;
15	Test control software must be able to automatically store raw data or calculated results in an ASCII file;
16	The software must have the option to integrate any USB camera device (such as a Webcam) for video capture of the tested specimen and allow for playback of the test with data point selection matching with video frames for analysis;

B.1.2 Software of the Tensile Test System

The minimum performance characteristics of the software:

17	The software must offer the following calculations;	
	17.1	Maximum Peak (all available channels);
	17.2	Minimum Peak (all available channels);
	17.3	Specimen Break Point (all available channels);
	17.4	Yield (Zero slope, Offset and Energy at Yield);
	17.5	Modulus (Secant, Tangent, ,Automatic Young's, User-defined Young's, Chord);
	17.6	Slope (Secant, Tangent, Automatic Y01mg's, User-defined Young's, Chord);
	17.7	Average Load Between two (2) Points based on average load, number of peaks, number of troughs, number of peaks and troughs;
	17.8	Total creep & delta creep;
	17.9	Total relaxation & delta relaxation ;
	17.10	Seam slippage;
	17.11	Area reduction;
	17.12	Coefficient of friction (static & dynamic);
	17.13	Local peak;
	17.14	Poisson's ratio ;
	17.15	n-value, r-value & YPE & non-proportional elongation;
	17.16	The software must include the capability to define correction factors such as machine compliance, slack, pretension, load and gauge length at a minimum;
	17.17	The software must provide CSV raw data output;
	17.18	The software must provide the option of storing test reports in one of three (3) formats, MS Word, HTML or PDF and must provide a mechanism for editing of the report template including the header, footer and body. The body of the report must be completely customizable with pictures and text and allow for import of test results and graphs. The report editor must be integrated with the software to allow for instant update of the report content when each test is run.

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

B.1.3 Performance of the Tensile Test System

The minimum performance characteristics of the system:

1	Load cell and extensometer transducers available for the system must include self-identification (recognition) electronics in the connector directly attached to these transducers which automates the calibration of these devices. For safety and data integrity issues, operators must not have to select the capacity of a load cell from a list or type in a value in order to calibrate different load cells (or extensometers). Manually calibrated load cells or extensometers requiring calibration weights or calibration micrometer fixture are not acceptable. In addition to the above, the system must allow for manual calibration of third party transducers;
2	The load weighing system accuracy must be within +/-0.5% of reading down to 1/1000th of the load cell capacity;
3	Any load cell provided must have 105% over range protection that will stop the frame automatically. For safety purposes, the maximum load for a test should be set by identification electronics located in the connector directly attached to the load cell. Operators must not have to select the capacity of a load cell from a list or type in a value in order to calibrate different load cells. Because this identification connector automatically sets the maximum load for a test, this connector must not be detachable from the load cell to prevent it to be used with a different capacity load cells;
4	The tension/compression load cell must have an overload capacity without permanent zero shift of 150% of capacity;
5	The system must include an integrated context sensitive help and reference system. The help screen must demonstrate both how a function works and why it is used. The search capability must allow the user to find a specific topic from the help index or by cross-referencing information from another help topic. The system will not be connected to the Internet so all help functions, topics, definition, etc must be contained within the software and not rely on Internet access;
6	Digital displays on the computer monitor should show live load, displacement, and optional strain values in engineering units that can be selected to be Metric, S.I., U.S. customary. For safety purposes, these live displays should not be allowed to be covered up or hidden during a test or while jogging the crosshead. Up to four (4) live display windows must be available for display simultaneously;
7	An unlimited number of test methods must be available for storage and retrieval;

B.1.3 Performance of the Tensile Test System

The minimum performance characteristics of the system:

8	Run time screen must be capable of displaying both the real time graph and the calculated results of multiple specimens simultaneously;
9	Data must be acquired at a user selectable, continuous rate without gaps;
10	Specimen geometry's for each specimen must include rectangular, irregular (area), cube, cylindrical, 3-and 4-point bend specimens, 90°, 180° and T-peel test geometries and geometries for tear specimens and coefficient of friction tests at a minimum;
11	A real time X-Y plot of two (2) selected variables will be displayed. The variables available for selection for each axis will be load, stress, extension, and either of the two (2) strain channels as selected by the user. The available system of units for each axis will be US Customary, Metric, or SI and will be independently set by the user. Other graph features will include manual and automatic scaling, legend symbols, to distinguish individual test curves, horizontal and vertical offset between test curves, double-Y axis, multi-channel, and selectable number of test curves per display at a minimum;
12	The ability to re-analyze past test data using different calculations (as stated in characteristic # 17 of subsection B.1.2) must be provided;
13	USB camera device (such as a webcam) as described in characteristic # 16 of subsection B.1.2, must come with an attachment to mount to the frame;
14	The load measurement accuracy must at least 0.5% of the reading down to 1/1 000° of a load the cell's capacity.

ANNEX C - BASIS OF PAYMENT

C.1 Pricing

- (a) Before submitting prices, please refer to clause **6.6 Payment** where it is mentioned, inter alia, that applicable taxes are not included in the prices.
- (b) In addition, refer to Annex A first, then to Annex B according to the sections specified in each item of the tables of this annex.
- (c) Please indicate the brand name and model offered and complete the last column of the following table:

Item	Description	Firm Lot Price
1	Tensile Test System <ul style="list-style-type: none"> Brand Name Offered: _____ Model Offered: _____ As the minimum performance characteristics of equipment listed in Annex B. 	\$
2	Electrical Equipment <ul style="list-style-type: none"> As per clause 6.13 Electrical Equipment of this document; and As per section A.4 of Annex A. 	
3	Documentation <ul style="list-style-type: none"> As per subsection A.5.2 of Annex A. 	
4	Delivery <ul style="list-style-type: none"> Goods delivered to the destination indicated in clause 6.15 Shipping Instructions - Delivery at Destination of this document. 	\$

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

Item	Description	Firm Lot Price
5	Installation and Training of 2 days, on site <ul style="list-style-type: none">As per clause 6.4.3 Installation and Training Period of this document;As per subsection A.5.3 of Annex A; andThe Contractor will be responsible for the costs of the installer(s) and the trainer(s) for meals, accommodation and travel between his office or hotel and the training site.	\$
Contract Value:		\$

Solicitation No. - N° de l'invitation

W7701-197019/A

Amd. No. - N° de la modif.

File No. - N° du dossier

Client Ref. No. - N° de réf. du client

W7701-197019

QCN-8-41209

Buyer ID - Id de l'acheteur

qcn034

CCC No./N° CCC - FMS No./N° VME

ANNEX D - SECURITY REQUIREMENTS CHECK LIST (SRCL)

D.1 Annex D - SRCL

Annex D attached hereto is to be inserted at this point and forms part of this document.

ANNEX E - MANDATORY CRITERIA

The bid must meet the mandatory criteria specified in this annex. Bidders must provide the necessary documentation to support compliance with this requirement.

Bids which fail to meet the mandatory criteria will be declared non-responsive. Each mandatory criterion should be addressed separately.

E.1 Mandatory Criterion # 1 - Minimum Performance Characteristics of Equipment

Bidders must propose products meeting all minimum performance characteristics of equipment required in Annex B.

1. At the bid closing date, the offered products will be evaluated on the minimum performance characteristics of equipment listed in the tables of this annex.
 - a. For some of the characteristics to evaluate, we ask Bidders to specify if the performance characteristics of their offered product are compliant or non-compliant.
 - b. For all other characteristics, we require that Bidders provide a proof of compliance. On these characteristics, simply stating that the offered product complies or that it meets the minimum performance characteristics of equipment is not enough.

To demonstrate that their products meet all the minimum performance characteristics of equipment, Bidders must submit bid, proofs of compliance:

- Proof of compliance is defined as a document, such as a brochure and/or technical literature and/or a user manual, and/or a drawing, and/or a blueprint, and/or a third party test report provided by a nationally and/or internationally recognized testing facility and/or a report generated by a nationally and/or internationally recognized third party software.

The proofs of compliance must provide sufficient detail and explanation to allow evaluation and demonstrate that the minimum performance characteristics of equipment are met.

2. Bidders should complete the last column of the tables of this annex according to the Instructions to Bidders listed in these tables. When proofs of compliance are required, Bidders should indicate where in the bid the reference material can be found, including the title of the technical documents, as well as the page numbers.

3. If the tables in this annex are not completed by the Bidders, the bid evaluation team will use the technical documents attached to their bid to evaluate their products offered.

Canada will evaluate only the documentation provided with a bidder's bid. Canada will not evaluate information such as references to Web site addresses where additional information can be found, or technical manuals or brochures not submitted with the bid.

E.1.1 Frame of the Tensile Test System The minimum performance characteristics of the frame:		To be completed by Bidders Information about the product offered: ↓	
		Instructions to Bidders for each of the characteristics of the product offered:	Title and page of the technical documents:
1	Testing speed range: 0.00005 to 1016 1mm/min (0.000002 in/min to 40 in/min);	Provide proof of compliance as required in mandatory criterion E.1	Title: _____ Page: _____
2	Crosshead return speed: 1016 mm/min (40 in/min);	Provide proof of compliance as required in mandatory criterion E.1	Title: _____ Page: _____
3	The travel distance of the load crosshead must be sufficient to perform a tensile test on a 500mm long part;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ____ compliant NON ____ compliant
4	Frame that is rated to a minimum of 100 kN;	Provide proof of compliance as required in mandatory criterion E.1	Title: _____ Page: _____
5	100 kN load cell (minimum acceptable);	Provide proof of compliance as required in mandatory criterion E.1	Title: _____ Page: _____
6	The load frame must include at least two (2) 80 mm diameter smooth ground guidance rods for the moving crosshead;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ____ compliant NON ____ compliant
7	The load frame must include a CSA (or equivalent) approved emergency stop switch. The system must not restart the crosshead moving when the emergency stop button is released. The emergency stop switch will remain active when covers are removed for service;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ____ compliant NON ____ compliant

W7701-197019/A

qcn034

W7701-197019

QCN-8-41209

E.1.1 Frame of the Tensile Test System The minimum performance characteristics of the frame:		To be completed by Bidders Information about the product offered: ↓	
		Instructions to Bidders for each of the characteristics of the product offered:	Title and page of the technical documents:
8	The frame must include adjustable dual level mechanical limit switches that prevent the crosshead from traveling too high or too low. The first level switch must stop the crosshead, but maintain power to the system. The second level limit switch must cut the power to the frame in case the first level switch malfunctions;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ____ compliant NON ____ compliant
9	The frame must include an attachment mechanism (such as integrated T-slots) on the front and back of both column covers for easy mounting of accessories;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ____ compliant NON ____ compliant
10	The frame must have a clearly labeled buttons to jog the crosshead UP or DOWN. When released, the crosshead must stop ;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ____ compliant NON ____ compliant
11	The frame must include an operator panel which can be used to run and stop tests at the frame as opposed to through the PC and software. The operator panel must have at least two (2) live display read outs that are in synchronize with the testing software live displays as well as at least two (2) shortcut keys that can be used to carry out functions such as balancing load, strain or marking data. The operator panel must also have a fine position wheel that can be used to move the frame crosshead in small increments to aid in the installation and removal of fixtures.	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ____ compliant NON ____ compliant

W7701-197019/A

qcn034

W7701-197019

QCN-8-41209

E.1.2 Software of the Tensile Test System		To be completed by Bidders	
The minimum performance characteristics of the software:		Information about the product offered: ↓	
		Instructions to Bidders for each of the characteristics of the product offered:	Title and page of the technical documents:
1	The control software must be a true graphical user interface compatible with Microsoft Windows 7;	Provide proof of compliance as required in mandatory criterion E.1	Title: _____ Page: _____
2	The software must allow the user to assign at least two (2) soft keys displayed on the monitor to provide quick access to functionality such as balance load, balance strain, reset gauge length and exclude specimen at a minimum;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
3	The testing software must be able to perform tensile, compression, flexure, peel, tear, friction, stress relaxation, creep and simple cyclic tests and include an appropriate calculation list for each type of test at a minimum;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
4	The testing software must be able to perform cyclic testing defined by blocks that can be customized by the user and include relative ramps, absolute ramps, triangle waveforms and hold patterns at a minimum;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
5	The software must allow for load and strain control of the test system;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
6	The control software must include set-up of the following, test speed, limits on all channels, calibration and balance of transducers, specimen dimensions, and results tables at a minimum;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant

W7701-197019/A

qcn034

W7701-197019

QCN-8-41209

E.1.2 Software of the Tensile Test System The minimum performance characteristics of the software:		To be completed by Bidders Information about the product offered: ↓	
		Instructions to Bidders for each of the characteristics of the product offered:	Title and page of the technical documents:
7	The software must allow the user to specify the test control area above or below the moving crosshead;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
8	The software must allow the user to enable a specimen protection safety feature and set a load threshold to prevent damage during gripping and specimen preload;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
9	The software must allow the user (when configuring a test method) the option to select auto-balance load and/or strain channels before the start of the test;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
10	The software must allow the user (when configuring a test method) the option to select pre-load or pre-cycle a specimen before the start of a test;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
11	The software must allow the user to configure a test method to automatically detect a specimen break by a change in rate of load or a percentage drop of the maximum load;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
12	The software must have the option available to allow for automatic return of the crosshead to the test start position after specimen break is detected and also to be able to select a specimen protect feature;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

E.1.2 Software of the Tensile Test System The minimum performance characteristics of the software:		To be completed by Bidders Information about the product offered: ↓	
		Instructions to Bidders for each of the characteristics of the product offered:	Title and page of the technical documents:
13	The software must allow the user to enable an audio alert defined by a load threshold value;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
14	The control software must be capable of acquiring data at 1000 Hz across load, displacement, and up to two (2) additional strain channels that can be utilised on an optional basis. Data rates must not be affected by the number of strain channels collected;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
15	Test control software must be able to automatically store raw data or calculated results in an ASCII file;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
16	The software must have the option to integrate any USB camera device (such as a Webcam) for video capture of the tested specimen and allow for playback of the test with data point selection matching with video frames for analysis;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17	The software must offer the following calculations;		
	17.1 Please specify if compliant or non-compliant; if non-compliant, specify on what?	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
	17.2 Please specify if compliant or non-compliant; if non-compliant, specify on what?	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
	17.3 Please specify if compliant or non-compliant; if non-compliant, specify on what?	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

E.1.2 Software of the Tensile Test System		To be completed by Bidders	
The minimum performance characteristics of the software:		Information about the product offered: ↓	
		Instructions to Bidders for each of the characteristics of the product offered:	Title and page of the technical documents:
17.4	Yield (Zero slope, Offset and Energy at Yield);	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.5	Modulus (Secant, Tangent, Automatic Young's, User-defined Young's, Chord);	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.6	Slope (Secant, Tangent, Automatic Y01mg's, User-defined Young's, Chord);	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.7	Average Load Between two (2) Points based on average load, number of peaks, number of troughs, number of peaks and troughs;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.8	Total creep & delta creep;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.9	Total relaxation & delta relaxation ;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.10	Seam slippage;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.11	Area reduction;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.12	Coefficient of friction (static & dynamic);	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.13	Local peak;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

E.1.2 Software of the Tensile Test System		To be completed by Bidders	
The minimum performance characteristics of the software:		Information about the product offered: ↓	
		Instructions to Bidders for each of the characteristics of the product offered:	Title and page of the technical documents:
17.14	Poisson's ratio ;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.15	n-value, r-value & YPE & non-proportional elongation;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.16	The software must include the capability to define correction factors such as machine compliance, slack, pretension, load and gauge length at a minimum;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.17	The software must provide CSV raw data output;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
17.18	The software must provide the option of storing test reports in one of three (3) formats, MS Word, HTML or PDF and must provide a mechanism for editing of the report template including the header, footer and body. The body of the report must be completely customizable with pictures and text and allow for import of test results and graphs. The report editor must be integrated with the software to allow for instant update of the report content when each test is run.	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

E.1.3 Performance of the Tensile Test System The minimum performance characteristics of the system:		To be completed by Bidders Information about the product offered: ↓	
		Instructions to Bidders for each of the characteristics of the product offered:	Title and page of the technical documents:
1	Load cell and extensometer transducers available for the system must include self-identification (recognition) electronics in the connector directly attached to these transducers which automates the calibration of these devices. For safety and data integrity issues, operators must not have to select the capacity of a load cell from a list or type in a value in order to calibrate different load cells (or extensometers). Manually calibrated load cells or extensometers requiring calibration weights or calibration micrometer fixture are not acceptable. In addition to the above, the system must allow for manual calibration of third party transducers;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
2	The load weighing system accuracy must be within +/-0.5% of reading down to 1/1000th of the load cell capacity;	Provide proof of compliance as required in mandatory criterion E.1	Title: _____ Page: _____
3	Any load cell provided must have 105% over range protection that will stop the frame automatically. For safety purposes, the maximum load for a test should be set by identification electronics located in the connector directly attached to the load cell. Operators must not have to select the capacity of a load cell from a list or type in a value in order to calibrate different load cells. Because this identification connector automatically sets the maximum load for a test, this connector must not be detachable from the load cell to prevent it to be used with a different capacity load cells;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant

W7701-197019/A

qcn034

W7701-197019

QCN-8-41209

E.1.3 Performance of the Tensile Test System The minimum performance characteristics of the system:		To be completed by Bidders Information about the product offered: ↓	
		Instructions to Bidders for each of the characteristics of the product offered:	Title and page of the technical documents:
4	The tension/compression load cell must have an overload capacity without permanent zero shift of 150% of capacity;	Provide proof of compliance as required in mandatory criterion E.1	Title: _____ Page: _____
5	The system must include an integrated context sensitive help and reference system. The help screen must demonstrate both how a function works and why it is used. The search capability must allow the user to find a specific topic from the help index or by cross-referencing information from another help topic. The system will not be connected to the Internet so all help functions, topics, definition, etc must be contained within the software and not rely on Internet access;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
6	Digital displays on the computer monitor should show live load, displacement, and optional strain values in engineering units that can be selected to be Metric, S.I., U.S. customary. For safety purposes, these live displays should not be allowed to be covered up or hidden during a test or while jogging the crosshead. Up to four (4) live display windows must be available for display simultaneously;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
7	An unlimited number of test methods must be available for storage and retrieval;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
8	Run time screen must be capable of displaying both the real time graph and the calculated results of multiple specimens simultaneously;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
9	Data must be acquired at a user selectable, continuous rate without gaps;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

E.1.3 Performance of the Tensile Test System The minimum performance characteristics of the system:		To be completed by Bidders Information about the product offered: ↓	
		Instructions to Bidders for each of the characteristics of the product offered:	Title and page of the technical documents:
10	Specimen geometry's for each specimen must include rectangular, irregular (area), cube, cylindrical, 3-and 4-point bend specimens, 90°, 180° and T-peel test geometries and geometries for tear specimens and coefficient of friction tests at a minimum;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
11	A real time X-Y plot of two (2) selected variables will be displayed. The variables available for selection for each axis will be load, stress, extension, and either of the two (2) strain channels as selected by the user. The available system of units for each axis will be US Customary, Metric, or SI and will be independently set by the user. Other graph features will include manual and automatic scaling, legend symbols, to distinguish individual test curves, horizontal and vertical offset between test curves, double-Y axis, multi-channel, and selectable number of test curves per display at a minimum;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
12	The ability to re-analyze past test data using different calculations (as stated in characteristic # 17 of subsection B.1.2) must be provided;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
13	USB camera device (such as a webcam) as described in characteristic # 16 of subsection B.1.2, must come with an attachment to mount to the frame;	Please specify if compliant or non-compliant; if non-compliant, specify on what?	YES ___ compliant NON ___ compliant
14	The load measurement accuracy must at least 0.5% of the reading down to 1/1 000° of a load the cell's capacity.	Provide proof of compliance as required in mandatory criterion E.1	Title: _____ Page: _____

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

ANNEX F - ORIGINAL EQUIPMENT MANUFACTURER (OEM) CERTIFICATION FORM

Original Equipment Manufacturer (OEM) Certification Form	
This confirms that the original equipment manufacturer (OEM) identified below has authorized the Bidder named below to provide and maintain its products under any contract resulting from the bid solicitation identified below.	
Name of OEM	
Signature of authorized signatory of OEM:	
Print Name of authorized signatory of OEM:	
Print Title of authorized signatory of OEM:	
Address for authorized signatory of OEM:	
Telephone no. for authorized signatory of OEM:	
Fax no. for authorized signatory of OEM:	
Date signed:	
Solicitation Number:	
Name of Bidder:	

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

ANNEX G - SOFTWARE PUBLISHER CERTIFICATION FORM

G.1 Bidder itself is the Software Publisher

Software Publisher Certification Form
(to be used where the Bidder itself is the Software Publisher)

The Bidder certifies that it is the software publisher of all the following software products and that it has all the rights necessary to license them (and any non-proprietary sub-components incorporated into the software) on a royalty-free basis to Canada pursuant to the terms set out in the resulting contract:

[Bidders should add or remove lines as needed]

W7701-197019/A

qcn034

W7701-197019

QCN-8-41209

G.2 Bidder is not the Software Publisher

Software Publisher Authorization Form (to be used where the Bidder is not the Software Publisher)	
<p>This confirms that the software publisher identified below has authorized the Bidder named below to license its proprietary software products under the contract resulting from the bid solicitation identified below. The software publisher acknowledges that no shrink-wrap or click-wrap or other terms and conditions will apply, and that the contract resulting from the bid solicitation (as amended from time to time by its parties) will represent the entire agreement, including with respect to the license of the software products of the software publisher listed below. The software publisher further acknowledges that, if the method of delivery (such as download) requires a user to "click through" or otherwise acknowledge the application of terms and conditions not included in the bid solicitation, those terms and conditions do not apply to Canada's use of the software products of the software publisher listed below, despite the user clicking "I accept" or signalling in any other way agreement with the additional terms and conditions.</p> <p>This authorization applies to the following software products:</p> <p>_____</p> <p>_____</p> <p>[Bidders should add or remove lines as needed]</p>	
Name of Software Publisher (SP):	
Signature of authorized signatory of SP:	
Print Name of authorized signatory of SP:	
Print Title of authorized signatory of SP:	
Address for authorized signatory of SP:	
Telephone no. for authorized signatory of SP:	
Fax no. for authorized signatory of SP:	
Date signed:	
Solicitation Number:	
Name of Bidder:	

ANNEX H - PRESENTATION OF YOUR BID

H.1 Check List

Below is a checklist of the contents of your bid. This list is not an exhaustive list; it remains the Bidder's responsibility to prepare its bid in accordance with the instructions contained in the Request For Proposal (RFP) and provide a comprehensible and sufficiently detailed bid, including all requested pricing details that will permit a complete evaluation in accordance with the criteria set out in the RFP.

H.1 Check List	
Pagination of <u>Document 1 of 2</u> (document of only 1 page)	
Page 1	Bidders should include with their bid, the first sheet of this RFP properly completed and signed. Refer to 2003 Standard Instructions mentioned in clause 2.1 Standard Instructions, Clauses and Conditions .
Pagination of <u>Document 2 of 2</u> (document of 51 pages)	
Page 7	Bidders must submit their bid only to the address indicated in clause 2.2 Submission of Bids .
Page 12	Bidders must pay attention on how bids will be evaluated and the winning bid selected. Refer to Part 4 - Evaluation Procedures and Basis of Selection
Page 13	<u>Applicable only if an offence has been committed</u> Bidders must provide with their bid the required documentation as indicated Clause 5.1.1 Integrity Provisions - Declaration of Convicted Offences .
Page 13	Bidders must provide with their bid or promptly thereafter a list of names as indicated in clause 5.2.1 Integrity Provisions - Required Documentation . ➤ Please refer to section " 17. Information to be provided when bidding, contracting or entering into a real property agreement " of the following Web site: http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

W7701-197019/A

qcn034

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

W7701-197019

QCN-8-41209

H.1 Check List	
Pages 14 and 47	Bidders must read Certification 5.2.3 OEM Certification and should include with their bid, Annex F - Original Equipment Manufacturer (OEM) Certification Form duly completed.
Pages 15, 48 and 49	Bidders must read Certification 5.2.4 Software Publisher Certification and Software Publisher Authorization and should include with their bid, Annex G - Software Publisher Certification Form duly completed.
Page 20	Bidders should submit with their bid, clause 6.5.3 Contractor's Representatives properly completed.
Pages 33 and 34	Bidders must include with their bid, Annex C - Basis of Payment duly completed.
Pages 36 to 46	Bidders must include with their bid, the necessary documentation to support compliance with the mandatory criteria and should include with their bid, Annex E - Mandatory Criteria duly completed.



Government
of Canada

Gouvernement
du Canada

ANNEXE D - LVERS - ANNEX D - SRCL

Contract Number / Numéro du contrat

W7701-197019

Security Classification / Classification de sécurité

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		2. Branch or Directorate / Direction générale ou Direction	
DND		ADM(MAT)DGLPM/QETE-CEEM	
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 Le centre d'essais et d'expérimentation en munitions(CEEM) souhaite faire l'achat d'un system d'essais de traction de 100kN. la compagnie devra faire l'installation et offrir une formation en lien avec cet équipement au CEEM de Québec			
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"/>	
Not releasable À ne pas diffuser <input type="checkbox"/>			
Restricted to: / Limité à: Specify country(ies): / Préciser le(s) pays: <input type="checkbox"/>		Restricted to: / Limité à: Specify country(ies): / Préciser le(s) pays: <input type="checkbox"/>	
7. c) Level of information / Niveau d'information			
PROTECTED A PROTÉGÉ A <input type="checkbox"/>		NATO UNCLASSIFIED NATO NON CLASSIFIÉ <input type="checkbox"/>	
PROTECTED B PROTÉGÉ B <input type="checkbox"/>		NATO RESTRICTED NATO DIFFUSION RESTREINTE <input type="checkbox"/>	
PROTECTED C PROTÉGÉ C <input type="checkbox"/>		NATO CONFIDENTIAL NATO CONFIDENTIEL <input type="checkbox"/>	
CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>		NATO SECRET NATO SECRET <input type="checkbox"/>	
SECRET SECRET <input type="checkbox"/>		COSMIC TOP SECRET COSMIC TRÈS SECRET <input type="checkbox"/>	
TOP SECRET TRÈS SECRET <input type="checkbox"/>			
TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>			
		PROTECTED A PROTÉGÉ A <input type="checkbox"/>	
		PROTECTED B PROTÉGÉ B <input type="checkbox"/>	
		PROTECTED C PROTÉGÉ C <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"/>	

TBS/SCT 350-103(2004/12)

Security Classification / Classification de sécurité

Canada



Government
of Canada

Gouvernement
du Canada

Contract Number / Numéro du contrat

J7701-197019

Security Classification / Classification de sécurité

ANNEXE D - LVERS - ANNEX D - SRCL

PART A (continued) / PARTIE A (suite)

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS? ☒ No ☐ Yes
Non Oui

If Yes, indicate the level of sensitivity:

Dans l'affirmative, indiquer le niveau de sensibilité :

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

Short Title(s) of material / Titre(s) abrégé(s) du matériel :

Document Number / Numéro du document :

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

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

☒ RELIABILITY STATUS
COTE DE FIABILITÉ ☐ CONFIDENTIAL ☐ SECRET ☐ TOP SECRET
TOP SECRET - SIGINT ☐ CONFIDENTIEL ☐ SECRET ☐ TRÈS SECRET
TRÈS SECRET - SIGINT ☐ NATO CONFIDENTIAL ☐ NATO SECRET ☐ COSMIC TOP SECRET
SITE ACCESS ☐ NATO CONFIDENTIEL ☐ NATO SECRET ☐ COSMIC TRÈS SECRET
ACCÈS AUX EMPLACEMENTS

Special comments:

Commentaires spéciaux :

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

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

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

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

INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS

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

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

PRODUCTION

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

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

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

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



Government
of Canada

Gouvernement
du Canada

Contract Number / Numéro du contrat
7701-197019

ANNEXE D - LVERS - ANNEX D - SRCL

Security Classification / Classification de sécurité

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 SECRET	COSMIC TOP SECRET COSMIC TRÈS SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET TRÈS SECRET
											A	B	C			
Information / Assets Renseignements / Biens	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IT Media / Support TI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IT Link / Lien électronique	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?

La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE?

☒ No
Non

☐ Yes
Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".

Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire.

12. b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED?

La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE?

☒ No
Non

☐ Yes
Oui


If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate with attachments (e.g. SECRET with Attachments).

Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire et indiquez qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).



PART D - AUTHORIZATION / PARTIE D - AUTORISATION

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

Name (print) - Nom (en lettres moulées) Marc St-Pierre	Title - Titre Superintendant	Signature 
Telephone No. - N° de téléphone 418-844-4000 x4605	Facsimile No. - N° de télécopieur 418-844-4499	E-mail address - Adresse courriel Marc.St-Pierre@drdc-rddc.gc.ca
		Date 16 oct 2018

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

Name (print) - Nom (en lettres moulées) Sasa Medjovic	Title - Titre DDSO Industrial Security Senior Security Analyst Tel: 613-996-0296	Signature 
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel E-mail: sasa.medjovic@forces.gc.ca
		Date 28-Nov-05

15. Are there additional instructions (e.g. Security Guide, Security Classification Guide) attached?
Des instructions supplémentaires (p. ex. Guide de sécurité, Guide de classification de la sécurité) sont-elles jointes? ☐ No / Non ☒ Yes / Oui

16. Procurement Officer / Agent d'approvisionnement

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel
		Date

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

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature Antille, Roxanne
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel
		Date Digitally signed by Antille, Roxanne Date: 2018.11.15 16:48:56 -05'00'