



## RETURN BIDS TO:

## RETOURNER LES SOUMISSIONS À:

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

1713 Bedford Row

Halifax, N.S./Halifax, (N.É.)

Halifax

Nova Scotia

B3J 1T3

Bid Fax: (902) 496-5016

## REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

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

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

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

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

**Comments - Commentaires**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du**

**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

Atlantic Region Acquisitions/Région de l'Atlantique  
Acquisitions

1713 Bedford Row

Halifax, N.S./Halifax, (N.É.)

Halifax

Nova Scot

B3J 1T3

<b>Title - Sujet</b> Vacuum Pressure Impregnation System	
<b>Solicitation No. - N° de l'invitation</b> W355B-192569/A	<b>Date</b> 2018-10-22
<b>Client Reference No. - N° de référence du client</b> W355B-19-2569	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$HAL-321-10529	
<b>File No. - N° de dossier</b> HAL-8-81097 (321)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-12-03</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Atlantic Standard Time AST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Baurin, Bruno	<b>Buyer Id - Id de l'acheteur</b> hal321
<b>Telephone No. - N° de téléphone</b> (902) 402-6891 ( )	<b>FAX No. - N° de FAX</b> (902) 496-5016
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF NATIONAL DEFENCE BLDG D200, FINANCE 3RD FLOOR STN FORCES HALIFAX NOVA SCOTIA B3K5X5 Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

## TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION.....	2
1.1 SECURITY REQUIREMENTS .....	2
1.2 STATEMENT OF REQUIREMENT .....	2
1.3 DEBRIEFINGS .....	2
1.4 TRADE AGREEMENTS .....	2
1.5 EPOST CONNECT SERVICE .....	2
PART 2 - BIDDER INSTRUCTIONS.....	2
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS .....	2
2.2 SUBMISSION OF BIDS.....	3
2.3 ENQUIRIES - BID SOLICITATION.....	3
2.4 APPLICABLE LAWS.....	3
PART 3 - BID PREPARATION INSTRUCTIONS.....	4
3.1 BID PREPARATION INSTRUCTIONS .....	4
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION.....	5
4.1 EVALUATION PROCEDURES.....	5
4.2 BASIS OF SELECTION.....	5
PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION .....	5
5.1 CERTIFICATIONS REQUIRED WITH THE BID .....	6
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION .....	6
PART 6 - RESULTING CONTRACT CLAUSES .....	6
6.1 SECURITY REQUIREMENTS .....	6
6.2 STATEMENT OF REQUIREMENT .....	7
6.3 STANDARD CLAUSES AND CONDITIONS.....	7
6.4 TERM OF CONTRACT .....	7
6.5 AUTHORITIES .....	7
6.6 PAYMENT .....	8
6.7 INVOICING INSTRUCTIONS .....	9
6.8 CERTIFICATIONS AND ADDITIONAL INFORMATION.....	9
6.9 APPLICABLE LAWS.....	9
6.10 PRIORITY OF DOCUMENTS .....	10
ANNEX "A" .....	11
SECURITY REQUIREMENTS CHECK LIST .....	11
ANNEX "B".....	12
STATEMENT OF REQUIREMENT .....	12
ANNEX "C".....	18
MANDATORY TECHNICAL REQUIREMENTS – CROSS REFERENCES .....	18
ANNEX "D".....	26
BASIS OF PAYMENT .....	26

## **PART 1 - GENERAL INFORMATION**

### **1.1 Security Requirements**

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

### **1.2 Statement of Requirement**

Department of Public Works and Government Services on behalf of the Department of National Defence (DND) has a requirement for the supply, installation, and training of One (1) Vacuum Pressure Impregnation System and Compatible Epoxy Resin for Fleet Maintenance Facility Cape Scoot (FMF CS).

### **1.3 Debriefings**

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

### **1.4 Trade Agreements**

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), and the Canadian Free Trade Agreement (CFTA).

### **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) (<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: 90 days

## 2.2 Submission of Bids

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

BRU Identification:

1713 Bedford Row

Halifax, N.S./Halifax, (N.É.)

Halifax, Nova Scotia

B3J 1T3

Bid Fax: (902) 496-5016

Email address for ePost Connect Service: [TPSGC.RAReceptionSoumissionsNE-ARBidReceivingNS.PWGSC@tpsgc-pwgsc.gc.ca](mailto:TPSGC.RAReceptionSoumissionsNE-ARBidReceivingNS.PWGSC@tpsgc-pwgsc.gc.ca)

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

**NOTE: Bids/Offers will be not be accepted if emailed directly to this email address. This email is to initiate an ePost Connect conversation, as detailed in the Standard Instructions.**

## 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 Nova Scotia.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory

specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **3.1 Bid Preparation Instructions**

- 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

- 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 (1 hard copy)  
Section II: Financial Bid (1 hard copy)  
Section III: Certifications (1 hard copy)

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

- 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.

Canada requests that bidders follow the format instructions described below in the preparation of hard copy 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](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:

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

### **Section I: Technical Bid**

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

### **Section II: Financial Bid**

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

#### **3.1.2 Exchange Rate Fluctuation**

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

#### **3.1.3 SACC Manual Clauses**

### **Section III: Certifications**

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

## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **4.1 Evaluation Procedures**

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

#### **4.1.1 Technical Evaluation**

##### **4.1.1.1 Mandatory Technical Criteria**

Ability to meet the Requirement in Annex B and the Mandatory Specifications as described in Annex C.

#### **4.1.2 Financial Evaluation**

*SACC Manual* Clause A0220T (2014-06-26), Evaluation of Price

### **4.2 Basis of Selection**

#### **4.2.1 Basis of Selection – Mandatory Technical Criteria**

*SACC Manual* Clause A0031T (2010-08-16), Basis of Selection – Mandatory Technical Criteria

## **PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION**

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

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

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

## 5.1 Certifications Required with the Bid

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

### 5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

## 5.2 Certifications Precedent to Contract Award and Additional Information

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

### 5.2.1 Integrity Provisions – Required Documentation

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

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

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

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

## PART 6 - RESULTING CONTRACT CLAUSES

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

### 6.1 Security Requirements

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

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 CISC/PWGCSC. Until the security screening of the Contractor personnel required by this Contract has been completed satisfactorily by the CISC, PWGCSC, the Contractor personnel **MAY NOT ENTER** sites without an escort.

3. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of CISC/PWGCSC.

4. The Contractor/Offeror must comply with the provisions of the:

- (a) Security Requirements Check List and security guide (if applicable), attached at Annex A;
- (b) Industrial Security Manual (Latest Edition).

## **6.2 Statement of Requirement**

Department of Public Works and Government Services on behalf of the Department of National Defence (DND) has a requirement for the supply, installation, and training of One (1) Vacuum Pressure Impregnation System and Compatible Epoxy Resin for Fleet Maintenance Facility Cape Scoot (FMF CS).

## **6.3 Standard Clauses and Conditions**

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

### **6.3.1 General Conditions**

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

## **6.4 Term of Contract**

### **6.4.2 Delivery Date**

All the deliverables must be received on or before March 31, 2019.

### **6.4.5 Delivery Points**

Delivery of the requirement will be made to delivery point(s) specified at Annex "B" of the Contract.

## **6.5 Authorities**

### **6.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Name: Bruno Baurin  
Title: Supply Officer  
Public Works and Government Services Canada  
Acquisitions Branch  
Atlantic Region  
Address: 1713 Bedford Row  
Halifax, Nova Scotia  
B3J 1T3



Solicitation No. - N° de l'invitation  
W355B-192569/A  
Client Ref. No. - N° de réf. du client  
W355B-192569

Amd. No. - N° de la modif.  
File No. - N° du dossier  
HAL-8-81097

Buyer ID - Id de l'acheteur  
HAL321  
CCC No./N° CCC - FMS No./N° VME

Telephone: 902-402-6891  
Facsimile: 902-496-5016  
E-mail: Bruno.baurin@pwgsc.gc.ca

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

### **6.5.2 Project Authority**

The Project Authority for the Contract is:

Name:  
Title:  
Organization:  
Address:

Telephone:  
Facsimile:  
E-mail address:

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

### **6.5.3 Contractor's Representative – Bidders to Complete**

Name:  
Title:  
Organization:  
Address:

Telephone:  
Facsimile:  
E-mail address:

Procurement Business Number (PBN): \_\_\_\_\_

## **6.6 Payment**

### **6.6.1 Basis of Payment**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm lot price as specified in Annex D for a cost of \$ \_\_\_\_\_. 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 Limitation of Price**

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

### 6.6.3 Single Payment

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

### 6.6.4 SACC Manual Clauses

A9062C	Canadian Forces Site Regulations	2011-05-16
A9131C	Controlled Goods Program – Contract	2014-11-27
B1000T	Condition of Material – Bid	2014-06-26
B1501C	Electrical Equipment	2018-06-21
B1505C	Shipment of Dangerous Goods/Hazardous Products	2016-01-28
B4060C	Controlled Goods	2011-05-16
B7500C	Excess Goods	2006-06-16
C2000C	Taxes - Foreign-based Contractor	2007-11-30
C2605C	Canadian Customs Duties and Sales Tax - Foreign-based Contractor	2008-05-12
C2608C	Canadian Customs Documentation	2015-02-25
C5201C	Prepaid Transportation Costs	2008-05-12
C9000T	Pricing	2010-08-16
D0018C	Delivery and Unloading	2007-11-30
D3015C	Dangerous Goods/Hazardous Products Labelling and Packaging Specifications	2014-09-25
D5328C	Inspection and Acceptance	2014-06-26

### 6.6.5 Electronic Payment of Invoices – Contract

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

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

### 6.7 Invoicing Instructions

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.

### 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

Solicitation No. - N° de l'invitation  
W355B-192569/A  
Client Ref. No. - N° de réf. du client  
W355B-192569

Amd. No. - N° de la modif.  
File No. - N° du dossier  
HAL-8-81097

Buyer ID - Id de l'acheteur  
HAL321  
CCC No./N° CCC - FMS No./N° VME

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

#### **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 general conditions 2010A (2018-06-21) General Conditions – Goods (Medium Complexity);
- (c) Annex A, Security Requirements Check List;
- (d) Annex B, Statement of Requirement;
- (e) Annex C, Mandatory Specifications;
- (f) Annex D, Basis of Payment;
- (g) the Contractor's bid dated \_\_\_\_\_ (Bidders to Complete)

#### **6.11 Shipping Instructions – Free on Board Destination and Delivered Duty Paid**

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

FOB Destination Shipping and Receiving, including all delivery charges, offloading, administration, insurance costs and risks of transport, customs clearance and customs duties and Applicable Taxes to the destination as identified below:

Department of National Defence  
Building D200 Fleet Maintenance Facility Cape Scott (FMFCS)  
CFB Halifax, Nova Scotia  
B3K 5X5  
Canada

Solicitation No. - N° de l'invitation  
W355B-192569/A  
Client Ref. No. - N° de réf. du client  
W355B-192569

Amd. No. - N° de la modif.  
File No. - N° du dossier  
HAL-8-81097

Buyer ID - Id de l'acheteur  
HAL321  
CCC No./N° CCC - FMS No./N° VME

---

## **ANNEX "A"**

### **SECURITY REQUIREMENTS CHECK LIST**

**Attached herein**

## **ANNEX "B"**

### **STATEMENT OF REQUIREMENT**

#### **1. Purchase Description:**

The Department of Defence (DND) has a requirement for the supply, installation, and training of one (1) Vacuum – Pressure Impregnation System and Compatible Epoxy Resin for Fleet Maintenance Facility Cape Scott (FMF CS).

#### **2. General Description:**

- 2.1. The Heavy Electrical Shop require the replacement of their existing outdated VPI System with a new system for Impregnating motor stators and armatures with Resin. Removal of the existing outdated system and varnish as well as installation of the new system with air and electrical. The new system must be built to fit in the existing location and needs to be within the specified dimensions due to required crane access and space restrains.
- 2.2. Canada reserves the right to verify that all of the mandatory specifications are met prior to the award of contract. This verification shall include technical information from a submitted equipment brochure.
- 2.3. Specifications found not to meet this requirement will result in a non-compliant bid, and if found after contract award may result in termination of contract.
- 2.4. All material and equipment must be new and free from damage. Any materials or equipment believed to be previously used and/or damaged will be denied and returned.

#### **3. Provide items with the following specifications:**

##### **3.1. Chamber Assembly;**

- 3.1.1. Circular tank minimum diameter 4.8 feet maximum diameter 5.5 feet
- 3.1.2. Maximum depth 5.5 feet
- 3.1.3. Minimum depth 5 feet
- 3.1.4. Must be rated for use at full vacuum and at least 100psi,
- 3.1.5. Minimum 575 gallon capacity when flooded to 4'
- 3.1.6. Must be constructed of welded carbon steel and cleaned of all weld slag and splatter when completed
- 3.1.7. Top head to be domed with minimum of two sight ports
- 3.1.8. Must have clam shell type cover and lock ring to be hydraulically operated and include all necessary electric, hydraulic components and interconnecting hose assemblies, the bottom of the vessel must have a domed head and include a transfer line opening in the baffle.
- 3.1.9. Must be provided with a removable load plate for the bottom head of the chamber to provide a flat working surface where parts may be placed
- 3.1.10. Upper sidewall of the tank will include all required fittings for system operation including flanged and threaded openings
- 3.1.11. The chamber must have all necessary safety interlocks including zero pressure and zero vacuum switches, a safety relief valve, as well as a mechanical safety interlock valve
- 3.1.12. The reservoir must allow the chamber to be flooded to a height of 5'

##### **3.2. Chamber Valves;**

- 3.2.1. Must have manually operated vacuum, pressure, and vent valves
- 3.2.2. Must be provided with a vacuum pressure dial gauge 30-0-150
- 3.2.3. Solenoid valve in the pressure line and a test port
- 3.2.4. Control air assembly must have a filter, regulator and gauge, shut off and check valves.

### 3.3. Vacuum Pump Assembly;

- 3.3.1. Vacuum pump must be rated for 40 cfm or more and may be air cooled
- 3.3.2. Pump Assembly must be mounted on the structural frame and powered by a minimum 3hp, 575volt, 3 phase, TEFC, 60hz motor,
- 3.3.3. Pump is to be oil sealed and include inlet and outlet connections.
- 3.3.4. Pump assembly must have an oil mist eliminator, blank-off valve, test port and initial charge of oil.
- 3.3.5. Pump assembly must be capable of producing a vacuum of 29"Hg in the clean dry chamber in less than 30 minutes, in a wetted chamber slightly longer pull down times are acceptable.

### 3.4. Reservoir Assembly;

- 3.4.1. Circular tank not less than 4 feet diameter and not more than 7 feet deep
- 3.4.2. Tank capacity not less than 600 gallons
- 3.4.3. Must be rated for full vacuum and atmospheric service
- 3.4.4. Must be constructed of welded carbon steel and cleaned of all weld slag and spatter when completed
- 3.4.5. Top head to be domed with at least two sight ports
- 3.4.6. Top head also includes flanged opening for agitator and is fully removable, being secured in place with bolts.
- 3.4.7. Bottom of the vessel shall have a domed head and include a transfer line with baffle over the top to prevent splashing
- 3.4.8. Inside the reservoir must have agitation baffles and a ladder at the access opening
- 3.4.9. Reservoir tank sidewall to be surrounded with a cooling jacket including all necessary fittings and vent piping
- 3.4.10. Baffles need to be provided to direct the cooling water through the jacket.
- 3.4.11. Tank bottom and the cooling jacket shall be insulated to help prevent sweating on the exterior of the tank

### 3.5. Agitator Assembly;

- 3.5.1. Impeller type low RPM shaft speed agitator with vapor seal
- 3.5.2. Carbon Steel Shaft with a high efficiency impeller
- 3.5.3. Minimum 1hp 575volt 3phase TEFC 60hz motor
- 3.5.4. Motor control to include circuit protector, Variable speed drive and hand-off-auto control switch. In Auto agitator will turn on and off automatically with a timer to ensure proper mixing and cooling of the resin

### 3.6. Chiller Assembly;

- 3.6.1. Must be a minimum of a two ton air-cooled chiller unit capable of delivering coolant at less than 50 °F
- 3.6.2. Coolant pump to be supplied along with shut off valves, temperature indicators, anti-freeze switch and all necessary piping and hoses
- 3.6.3. Chiller and pump to operate through a temperature controller capable of measuring actual resin temperature and a second set point to display an alarm when high resin temperature

---

is reached

3.7. Transfer Line Assembly;

3.7.1. Minimum 3 inch flanged transfer line must be provided with the system complete with one air operated transfer valve at the chamber and one manual maintenance valve under the chamber and reservoir. Transfer valve to be controlled by a switch located at or near the sight port

3.8. Control Panel;

3.8.1. All controls and instruments required for operation of the system shall be installed in one properly sized control panel rated minimum NEMA 12. The components shall be IEC rated or better and include a flange mounted disconnect switch as required

3.9. Paint Specifications;

3.9.1. All metal parts and control panel must be painted with a quality enamel Paint

3.10. Utility Requirements;

3.10.1. Electrical service requirements shall be 575volt, 3 phase, 60Hz, 40amp FLA or less  
3.10.2. Compressed air systems must be able to operate on 100PSI or less.

3.11. Resin Filter Assembly;

3.11.1. A by-pass loop configuration consisting of minimum 3 inch pipe, fittings and a pair of check valves to direct the resin flow through a basket-type strainer so the resin is strained on return to the reservoir

3.12. VPI Data Recorder Assembly;

3.12.1. Unit shall include one Data-Chart Paperless Recording System featuring a color touch screen display 5.5 inches or larger.  
3.12.2. Must be able to store recorded data and allow data to be transferred to a memory stick  
3.12.3. Must be provided with enough active inputs to accommodate chamber vacuum, chamber pressure, part temperature, and recorder inputs from meter outputs, transducers or thermocouples  
3.12.4. Recorder must have USB ports front and rear for mouse and keyboard connections, audio in and out and a RJ45 communication port.  
3.12.5. Must include all required software as well as programing and be capable of exporting data to spreadsheet applications such as Excel

**4. Epoxy Impregnation Resin**

4.1. Must be 100% Solids Epoxy Resin Requiring no Catalyst  
4.2. Must Be suitable for use on Medium voltage motors  
4.3. Must be Suitable for use in Vacuum-Pressure Impregnation System  
4.4. Cure time of less than 7 hours at 300deg F or less than 5 hours at 325deg F  
4.5. Must have a dielectric strength greater than 3750 volts/mil  
4.6. Must maintain a Dielectric Strength above 2800 volts/mil after 24 hours in water.

## **5. Factory Testing and Shipping**

- 5.1. System must be assembled and fully functional tested prior to shipment and then disassembled as required to accommodate shipping.
- 5.2. The option must be given at least 2 weeks in advance of functional test to give the purchaser an option to be present during testing

## **6. Delivery, Installation and Commissioning**

- 6.1. Fleet Maintenance Facility Cape Scott (FMFCS) requires a "Turnkey" installation. All work is to be done during the normal work week (Monday through Friday) and business hours (0800 to 1615 hrs.). The following is a description of the responsibilities for both FMFCS and the Contractor:

## **7. Fleet Maintenance Facility Cape Scott (FMFCS) Responsibilities**

- 7.1. FMFCS will have the installation area cleared of all non-essential material.
- 7.2. FMFCS will provide riggers, crane operator and outside crane (19,800 lb. capacity) using the equipment manufactures accepted lifting procedure. If the load weight exceeds the outside crane capacity, FMFCS will supply a mobile crane with the required lifting capacity, and FMFCS will lift the machine from the delivery vehicle and move it to a temporary location outside of the building and then into the building.
- 7.3. FMFCS shall use an inside gantry crane (20,000 lb. capacity) and follow the manufactures accepted lifting procedure for movement of the equipment into a temporary location at CFB Halifax Dockyard.
- 7.4. FMFCS will provide lift and moving from that temporary location to the equipment's final location, this will also include lifting and moving of the machine and moving back into the machine's final position after the contractor completes the necessary floor work (core drilling, placing machine anchors, running conduit and services, etc.).
- 7.5. FMFCS will provide a disconnect switch with required voltage and rated current as well as a connection point for shop air within 25 feet of the equipment's installation location.

## **8. Contractor's responsibilities:**

- 8.1. All persons in the Industrial Electrician and Industrial Mechanic (Millwright) trades employed by the contractor to work on this installation of the equipment must have journey person status; the exception is that all Industrial Electrician and Industrial Mechanical trade apprentices shall only be utilized when working directly with a journey person in their respective trades.
- 8.2. The contractor must, as part of the bid submission, submit documentation clearly indicating the contractor's experience, in provision of electrical, mechanical and millwright services. Submission is to include the journey person(s) trade certificates and their experience as the contractor's personnel. Related training and formal courses taken by personnel must accompany the contractor's documentation.
- 8.3. Delivery to Building D200 Fleet Maintenance Facility Cape Scott (FMFCS), CFB Halifax, Nova Scotia B3K 5X5.
- 8.4. A Hazard assessment and contractor health and safety plan must be submitted to Fleet Maintenance Facility Cape Scott (FMFCS) Project manager prior to work beginning.
- 8.5. Give all notices, obtain all permits and approvals, and pay all necessary fees in order to carry out the specified work.
- 8.6. The contractor shall be responsible for disposing of all waste materials and debris, generated by the contractor, this responsibility includes all shipping pallets, crate covers and crate contents (bracing, shipping insulation etc.).



- 8.7. The installation will include unpacking, delivery inspection, cleaning, levelling, all electrical connections etc. and securing the machine to shop floor with chemical anchors (contractor's responsibility to supply and install as per manufacturer's instructions c/w levelling pads and hold down clamps and studs/nuts). The contractor shall supply, install and connect all necessary transformers, wiring, conduits, electrical control panel circuit breakers, accessory piping: compressed air, water lines etc. as required by the machine. Note: There will be a disconnect switch with required voltage and rated current as well as a connection point for shop air within 25 feet of the equipment's installation location.
- 8.8. Installation must be as per the latest Canadian Electrical Code (CEC).
- 8.9. Equipment must be commissioned and set to work by the contractor.
- 8.10. After the contractors and FMFCS final acceptance of the installation, start up and maintenance; operator training shall commence.
- 8.11. Operator training must be provided for up to (10) ten personnel for a minimum of one (1) day between the hours of 0800 to 1615 hrs. at our facility in FMFCS, Halifax, Nova Scotia, excluding travel to FMFCS. The dates of this service will be scheduled by DND. This training is to be provided by the equipment manufactures trained technician, Field Service Representative (FSR).
- 8.12. Maintenance training must be provided for up to 6 maintenance personnel for a minimum of ½ day between the hours of 0800 to 1615 hrs. at our facility in FMFCS, Halifax, Nova Scotia, excluding travel to FMFCS. This training must include all required information to assist our Industrial Mechanics and Electricians with maintaining the system. The dates of this service will be scheduled by DND in accordance with delivery. This training is to be provided by the equipment manufactures trained technician, Field Service Representative (FSR).
- 8.13. Supply FMFCS with two (2) copies of operation, material and maintenance manuals. Contents of these binders must contain at a minimum: equipment and material specifications, warranties and guarantees, calibration and commissioning documentation. Copies of any permits and inspection certificates. Shall provide as-built, marked-up drawings on clean set of prints provided to the owner at total completion of the work. Supply copies of all drawings, calculations and certifications to FMFCS Industrial Engineering Manager or his/her designated representative.

**9. NOTE:**

Canada reserves the right to verify that all of the mandatory specifications are met prior to the award of contract. This verification shall include technical information from a submitted Machine Tool Manufacturers brochure. Technical information that cannot be verified from the submitted brochure must have an accompanying letter signed by a Professional Engineer employed by the Machine Tool Manufacture verifying the technical information.

**10. Delivery Date,**

- 10.1. Delivery is MANDATORY by March 31, 2019. If delivery cannot be met, the contract will be terminated.

**11. Warranty**

- 11.1. The equipment shall be guaranteed to be free from manufacturing and operational defects for a minimum period of twelve (12) months from the date it was set-to-work by the contractor's representative and accepted as operationally satisfactory by the FMFCS Industrial Engineering Officer or his designated representative. The contractor shall be responsible for the provision of labor, parts, and field service at their own expense during the term of the warranty period and shall make good all defects within ten (10) days of being informed by Industrial

Engineering Officer or his/her designated representative that it is required. All other warranties over and above those specified service herein shall be considered valid.

## **12. Electrical Certification**

- 12.1. The equipment being supplied must be certified by an acceptable electrical certified organization. The following certified organizations are acceptable. The electrical equipment must bear a label from one of these organizations in order to be recognized as approved.
- 12.1.1. At least one of the organizations shall be used;
  - 12.1.2. Canadian Standards Association (CSA),
  - 12.1.3. QPS/Entela,
  - 12.1.4. Intertek Testing Services,
  - 12.1.5. Underwriters Laboratories of Canada (ULC),
  - 12.1.6. Underwriters Laboratories Inc. (UL),
  - 12.1.7. Met Laboratories Inc. (MET),
  - 12.1.8. TUV Rheinland of North America,
  - 12.1.9. Quality Auditing Institute (QAI),
  - 12.1.10. TUV America Inc.,
  - 12.1.11. NSF International,
  - 12.1.12. Nemko Canada Inc.
  - 12.1.13. Curtis-Straus LLC
  - 12.1.14. OTL Omni Test Laboratories
  - 12.1.15. FM Approvals LLC (Factory Mutual)
- 12.2. NOTE: Labels from all Organizations above (with the exception of CSA and ULC), must be accompanied by a small "c" at the eight o'clock position or Canadian Standard number to indicate the product has been certified to the Canadian Standard.
- 12.3. Electrical equipment that is not certified by one of the above agencies can only be accepted if the equipment is "field" inspected and labelled by the Canadian Standards Association (CSA), QPS/Entela, Intertek Testing Services, MET Laboratories, TUV America Inc., Underwriters Laboratories of Canada under the Special Inspection Program. This inspection must take place before equipment delivery to FMF Cape Scott and a copy of verification documentation report must accompany the machine with delivery. Identify which Organization shall be used:
- 12.3.1.1. Canadian Standards Association (CSA),
  - 12.3.1.2. QPS/Entela,
  - 12.3.1.3. Intertek Testing Services,
  - 12.3.1.4. Met Laboratories Inc. (MET),
  - 12.3.1.5. TUV America Inc.,
  - 12.3.1.6. Underwriters Laboratories of Canada (ULC).
  - 12.3.1.7. ESA Electrical Safety Authority

## ANNEX "C"

### Mandatory Technical Requirements – Cross References

#### VACUUM PRESSURE IMPREGNATION SYSTEM

**RFQ# W355B-192569**

#### THIS FORM MUST BE COMPLETED AND SUBMITTED WITH YOUR BID.

**Instructions:** Bidders must indicate whether or not they comply with the Mandatory Technical Criteria. Bidders should include two (2) copies of descriptive literature; if available, for the item(s) offered in sufficient detail to clearly indicate compliance with each of the individual requirements from the Mandatory Technical Criteria detailed herein.

Bidders should comment /cross reference the page number and highlight the specification in your technical data sheets or brochure to demonstrate and support your compliance for each of the Mandatory Technical Criteria.

The Bidder must address each Mandatory Technical Criteria listed below and must indicate whether the product/service offered "Meets" or "Does Not Meet".

By submitting Annex "C" Mandatory Technical Criteria, the bidder certifies the product they are offering meets and will be built as per the Mandatory Technical Criteria.

It will be to your advantage to furnish as much detail as possible to support your comments and your claims of compliance for each specification.

**NOTE:** The Crown is under NO obligation to seek clarification of the bid(s) or the supporting technical documentation provided. Failure to meet any of the following will render your proposal non-compliant and will be given no further consideration.

NO.	SPECIFICATIONS	COMPLIANCE		COMMENT(S)/CROSS REFERENCE
		MEET	DOES NOT MEET	
3.1.	Chamber Assembly;			
3.1.1.	Circular tank minimum diameter 4.8 feet maximum diameter 5.5 feet			
3.1.2.	Maximum depth 5.5 feet			
3.1.3.	Minimum depth 5 feet			
3.1.4.	Must be rated for use at full vacuum and at least 100psi,			
3.1.5.	Minimum 575 gallon capacity when flooded to 4'			

Solicitation No. - N° de l'invitation  
W355B-192569/A  
Client Ref. No. - N° de réf. du client  
W355B-192569

Amd. No. - N° de la modif.  
File No. - N° du dossier  
HAL-8-81097

Buyer ID - Id de l'acheteur  
HAL321  
CCC No./N° CCC - FMS No./N° VME

NO.	SPECIFICATIONS	COMPLIANCE		COMMENT(S)/CROSS REFERENCE
3.1.6.	Must be constructed of welded carbon steel and cleaned of all weld slag and splatter when completed			
3.1.7.	Top head to be domed with minimum of two sight ports			
3.1.8.	Must have clam shell type cover and lock ring to be hydraulically operated and include all necessary electric, hydraulic components and interconnecting hose assemblies, the bottom of the vessel must have a domed head and include a transfer line opening in the baffle.			
3.1.9.	Must be provided with a removable load plate for the bottom head of the chamber to provide a flat working surface where parts may be placed			
3.1.10.	Upper sidewall of the tank will include all required fittings for system operation including flanged and threaded openings			
3.1.11.	The chamber must have all necessary safety interlocks including zero pressure and zero vacuum switches, a safety relief valve, as well as a mechanical safety interlock valve			
3.1.12.	The reservoir must allow the chamber to be flooded to a height of 5'			
<b>3.2.</b>	<b>Chamber Valves;</b>			
3.2.1.	Must have manually operated vacuum, pressure, and vent valves			
3.2.2.	Must be provided with a vacuum pressure dial gauge 30-0-150			
3.2.3.	Solenoid valve in the pressure line and a test port			
3.2.4.	Control air assembly must have a filter, regulator and gauge, shut off and check valves.			
<b>3.3.</b>	<b>Vacuum Pump Assembly;</b>			

Solicitation No. - N° de l'invitation  
W355B-192569/A  
Client Ref. No. - N° de réf. du client  
W355B-192569

Amd. No. - N° de la modif.  
File No. - N° du dossier  
HAL-8-81097

Buyer ID - Id de l'acheteur  
HAL321  
CCC No./N° CCC - FMS No./N° VME

NO.	SPECIFICATIONS	COMPLIANCE		COMMENT(S)/CROSS REFERENCE
3.3.1.	Vacuum pump must be rated for 40 cfm or more and may be air cooled			
3.3.2.	Pump Assembly must be mounted on the structural frame and powered by a minimum 3hp, 575volt, 3 phase, TEFC, 60hz motor,			
3.3.3.	Pump is to be oil sealed and include inlet and outlet connections.			
3.3.4.	Pump assembly must have an oil mist eliminator, blank-off valve, test port and initial charge of oil.			
3.3.5.	Pump assembly must be capable of producing a vacuum of 29"Hg in the clean dry chamber in less than 30 minutes, in a wetted chamber slightly longer pull down times are acceptable.			
<b>3.4</b>	<b>Reservoir Assembly;</b>			
3.4.1.	Circular tank not less than 4 feet diameter and not more than 7 feet deep			
3.4.2.	Tank capacity not less than 600 gallons			
3.4.3.	Must be rated for full vacuum and atmospheric service			
3.4.4.	Must be constructed of welded carbon steel and cleaned of all weld slag and spatter when completed			
3.4.5.	Top head to be domed with at least two sight ports			
3.4.6.	Top head also includes flanged opening for agitator and is fully removable, being secured in place with bolts.			
3.4.7.	Bottom of the vessel shall have a domed head and include a transfer line with baffle over the top to prevent splashing			
3.4.8.	Inside the reservoir must have agitation baffles and a ladder at the access opening			

Solicitation No. - N° de l'invitation  
W355B-192569/A  
Client Ref. No. - N° de réf. du client  
W355B-192569

Amd. No. - N° de la modif.  
File No. - N° du dossier  
HAL-8-81097

Buyer ID - Id de l'acheteur  
HAL321  
CCC No./N° CCC - FMS No./N° VME

NO.	SPECIFICATIONS	COMPLIANCE		COMMENT(S)/CROSS REFERENCE
3.4.9.	Reservoir tank sidewall to be surrounded with a cooling jacket including all necessary fittings and vent piping			
3.4.10.	Baffles need to be provided to direct the cooling water through the jacket.			
3.4.11.	Tank bottom and the cooling jacket shall be insulated to help prevent sweating on the exterior of the tank			
<b>3.5.</b>	<b>Agitator Assembly;</b>			
3.5.1.	Impeller type low RPM shaft speed agitator with vapor seal			
3.5.2.	Carbon Steel Shaft with a high efficiency impeller			
3.5.3.	Minimum 1hp 575volt 3phase TEFC 60hz motor			
3.5.4.	Motor control to include circuit protector, Variable speed drive and hand-off-auto control switch. In Auto agitator will turn on and off automatically with a timer to ensure proper mixing and cooling of the resin			
<b>3.6.</b>	<b>Chiller Assembly;</b>			
3.6.1.	Must be a minimum of a two ton air-cooled chiller unit capable of delivering coolant at less than 50 °F			
3.6.2.	Coolant pump to be supplied along with shut off valves, temperature indicators, anti-freeze switch and all necessary piping and hoses			
3.6.3.	Chiller and pump to operate through a temperature controller capable of measuring actual resin temperature and a second set point to display an alarm when high resin temperature is reached			
<b>3.7.</b>	<b>Transfer Line Assembly;</b>			

NO.	SPECIFICATIONS	COMPLIANCE		COMMENT(S)/CROSS REFERENCE
3.7.1.	Minimum 3 inch flanged transfer line must be provided with the system complete with one air operated transfer valve at the chamber and one manual maintenance valve under the chamber and reservoir. Transfer valve to be controlled by a switch located at or near the sight port			
<b>3.8.</b>	<b>Control Panel;</b>			
3.8.1.	All controls and instruments required for operation of the system shall be installed in one properly sized control panel rated minimum NEMA 12. The components shall be IEC rated or better and include a flange mounted disconnect switch as required			
<b>3.9.</b>	<b>Paint Specifications;</b>			
3.9.1.	All metal parts and control panel must be painted with a quality enamel Paint			
<b>3.10.</b>	<b>Utility Requirements;</b>			
3.10.1.	Electrical service requirements shall be 575volt, 3 phase, 60Hz, 40amp FLA or less			
3.10.2.	Compressed air systems must be able to operate on 100PSI or less.			
<b>3.11.</b>	<b>Resin Filter Assembly;</b>			
3.11.1.	A by-pass loop configuration consisting of minimum 3 inch pipe, fittings and a pair of check valves to direct the resin flow through a basket-type strainer so the resin is strained on return to the reservoir			
<b>3.12.</b>	<b>VPI Data Recorder Assembly;</b>			
3.12.1.	Unit shall include one Data-Chart Paperless Recording System featuring a color touch screen display 5.5 inches or larger.			
3.12.2.	Must be able to store recorded data and allow data to be transferred to a memory stick			

NO.	SPECIFICATIONS	COMPLIANCE		COMMENT(S)/CROSS REFERENCE
3.12.3.	Must be provided with enough active inputs to accommodate chamber vacuum, chamber pressure, part temperature, and recorder inputs from meter outputs, transducers or thermocouples			
3.12.4.	Recorder must have USB ports front and rear for mouse and keyboard connections, audio in and out and a RJ45 communication port.			
3.12.5.	Must include all required software as well as programing and be capable of exporting data to spreadsheet applications such as Excel			
<b>4</b>	<b>Epoxy Impregnation Resin</b>			
4.1.	Must be 100% Solids Epoxy Resin Requiring no Catalyst			
4.2.	Must Be suitable for use on Medium voltage motors			
4.3.	Must be Suitable for use in Vacuum-Pressure Impregnation System			
4.4.	Cure time of less than 7 hours at 300 deg F or less than 5 hours at 325deg F			
4.5.	Must have a dielectric strength greater than 3750 volts/mil			
4.6.	Must maintain a Dielectric Strength above 2800 volts/mil after 24 hours in water.			
<b>5.0.</b>	<b>Factory Testing and Shipping</b>			
5.1.	System must be assembled and fully functional tested prior to shipment and then disassembled as required to accommodate shipping.			
5.2.	The option must be given at least 2 weeks in advance of functional test to give the purchaser an option to be present during testing			
<b>8.0.</b>	<b>Contractor's responsibilities:</b>			



Solicitation No. - N° de l'invitation  
**W355B-192569/A**  
 Client Ref. No. - N° de réf. du client  
**W355B-192569**

Amd. No. - N° de la modif.  
  
 File No. - N° du dossier  
**HAL-8-81097**

Buyer ID - Id de l'acheteur  
**HAL321**  
 CCC No./N° CCC - FMS No./N° VME

NO.	SPECIFICATIONS	COMPLIANCE		COMMENT(S)/CROSS REFERENCE
8.2.	The contractor must, as part of the bid submission, submit documentation clearly indicating the contractor's experience, in provision of electrical, mechanical and millwright services. Submission is to include the journey person(s) trade certificates and their experience as the contractor's personnel. Related training and formal courses taken by personnel must accompany the contractor's documentation.			
8.8.	Installation must be as per the latest Canadian Electrical Code (CEC).			
8.9.	Equipment must be commissioned and set to work by the contractor.			
8.10.	After the contractors and FMFCS final acceptance of the installation, start up and maintenance; operator training shall commence.			
8.11.	Operator training must be provided for up to (10) ten personnel for a minimum of one (1) day between the hours of 0800 to 1615 hrs. at our facility in FMFCS, Halifax, Nova Scotia, excluding travel to FMFCS. The dates of this service will be scheduled by DND. This training is to be provided by the equipment manufactures trained technician, Field Service Representative (FSR).			

Solicitation No. - N° de l'invitation  
W355B-192569/A  
Client Ref. No. - N° de réf. du client  
W355B-192569

Amd. No. - N° de la modif.  
File No. - N° du dossier  
HAL-8-81097

Buyer ID - Id de l'acheteur  
HAL321  
CCC No./N° CCC - FMS No./N° VME

NO.	SPECIFICATIONS	COMPLIANCE		COMMENT(S)/CROSS REFERENCE
8.12.	Maintenance training must be provided for up to 6 maintenance personnel for a minimum of ½ day between the hours of 0800 to 1615 hrs. at our facility. This training must include all required information to assist our Industrial Mechanics and Electricians with maintaining the system. This training is to be provided by the equipment manufactures trained technician, Field Service Representative (FSR).			
10	Delivery Date			
11	Warranty			
12	Electrical Certification			

Solicitation No. - N° de l'invitation  
W355B-192569/A  
Client Ref. No. - N° de réf. du client  
W355B-192569

Amd. No. - N° de la modif.  
File No. - N° du dossier  
HAL-8-81097

Buyer ID - Id de l'acheteur  
HAL321  
CCC No./N° CCC - FMS No./N° VME

### ANNEX "D" Basis of Payment

The prices are in Canadian dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded, DDP Incoterms 2000, Canadian Customs Duties Taxes included.

#### Prices for Delivery Duty Paid firm lot price for:

1. Supply
2. Delivery
3. Assembly
4. Installation
5. Testing
6. Training

ITEM	Unit of Issue	QTY (A)	UNIT PRICE (B)	EXTENDED C=(AXB)
Vacuum Pressure Impregnation System as fully detailed in Annex B <b>Make and Model:</b>	EA	1	\$	\$
Resin Filter Assembly as fully detailed in Annex B <b>Make and Model:</b>	EA	1	\$	\$
VPI Data Recorder Assembly as fully detailed in Annex B <b>Make and Model:</b>	EA	1	\$	\$
VPI System Freight as fully detailed in Annex B <b>Make and Model:</b>	EA	1	\$	\$
Epoxy Resin as fully detailed in Annex B 45 gallon/205 litre drum <b>Make and Model:</b>	DR	12	\$	\$
System Commissioning as fully detailed in Annex B	EA	1	\$	\$
Installation as fully detailed in Annex B	EA	1	\$	\$
Training as fully detailed in Annex B	EA	1	\$	\$
<b>TOTAL EVALUATED PRICE</b> <b>Applicable Taxes Extra</b>				\$

**\*LOWEST AGGREGATE**



Government of Canada  
Gouvernement du Canada

Contract Number / Numéro du contrat

W355B-192567

Security Classification / Classification de sécurité

UNCLASSIFIED

SECURITY REQUIREMENTS CHECK LIST (SRCL)

LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE		
1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine		2. Branch or Directorate / Direction générale ou Direction
DND		Fleet Maintenance Facility Cape Scott
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 The The Department of Defence (DND) has a requirement for the supply, installation, and training of one (1) Vacuum – Pressure Impregnation System and Compatible Epoxy Resin for Fleet Maintenance Facility Cape Scott (FMF CS).		
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées?		<input checked="" type="checkbox"/> No Non <input type="checkbox"/> Yes Oui
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques?		<input checked="" type="checkbox"/> No Non <input type="checkbox"/> Yes Oui
6. Indicate the type of access required / Indiquer le type d'accès requis		
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)		<input checked="" type="checkbox"/> No Non <input type="checkbox"/> Yes Oui
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé.		<input type="checkbox"/> No Non <input checked="" type="checkbox"/> Yes Oui
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit?		<input checked="" type="checkbox"/> No Non <input type="checkbox"/> Yes Oui
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès		
Canada <input type="checkbox"/>	NATO / OTAN <input type="checkbox"/>	Foreign / Étranger <input type="checkbox"/>
7. b) Release restrictions / Restrictions relatives à la diffusion		
No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>	All NATO countries Tous les pays de l'OTAN <input type="checkbox"/>	No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>
Not releasable À ne pas diffuser <input type="checkbox"/>		
Restricted to: / Limité à : Specify country(ies): / Préciser le(s) pays : <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 A PROTÉGÉ A <input type="checkbox"/>
PROTECTED B PROTÉGÉ B <input type="checkbox"/>	NATO RESTRICTED NATO DIFFUSION RESTREINTE <input type="checkbox"/>	PROTECTED B PROTÉGÉ B <input type="checkbox"/>
PROTECTED C PROTÉGÉ C <input type="checkbox"/>	NATO CONFIDENTIAL NATO CONFIDENTIEL <input type="checkbox"/>	PROTECTED C PROTÉGÉ C <input type="checkbox"/>
CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>	NATO SECRET NATO SECRET <input type="checkbox"/>	CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>
SECRET SECRET <input type="checkbox"/>	COSMIC TOP SECRET COSMIC TRÈS SECRET <input type="checkbox"/>	SECRET SECRET <input type="checkbox"/>
TOP SECRET TRÈS SECRET <input type="checkbox"/>		TOP SECRET TRÈS SECRET <input type="checkbox"/>
TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>		TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>





**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?

If Yes, indicate the level of sensitivity:

Dans l'affirmative, indiquer le niveau de sensibilité :

☒ No ☐ Yes  
Non Oui

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?

Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate?

☒ No ☐ Yes  
Non Oui

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

Document Number / Numéro du document :

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

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

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

If Yes, will unscreened personnel be escorted?

Dans l'affirmative, le personnel en question sera-t-il escorté?

☒ No ☐ Yes  
Non Oui

☒ 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  
W355B-192569

Security Classification / Classification de sécurité  
UNCLASSIFIED

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

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

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

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

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

**SUMMARY CHART / TABLEAU RÉCAPITULATIF**

Category Catégorie	PROTECTED PROTÉGÉ			CLASSIFIED CLASSIFIÉ			NATO				COMSEC					
	A	B	C	CONFIDENTIAL	SECRET	TOP SECRET	NATO RESTRICTED	NATO CONFIDENTIAL	NATO SECRET	COSMIC TOP SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET
				CONFIDENTIEL		TRÈS SECRET	NATO DIFFUSION RESTREINTE	NATO CONFIDENTIEL		COSMIC TRÈS SECRET	A	B	C	CONFIDENTIEL		TRÈS SECRET
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 indiquer qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).





Government of Canada  
Gouvernement du Canada

Contract Number / Numéro du contrat

W355B-1925.69

Security Classification / Classification de sécurité

UNCLASSIFIED

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

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

Name (print) - Nom (en lettres moulées)

Malcolm MacDonald

Title - Titre

Project Manager - Industrial  
Engineering Division (IED)

Signature

Telephone No. - N° de téléphone  
902-427-2309

Facsimile No. - N° de télécopieur  
902-427-0237

E-mail address - Adresse courriel  
Malcolm.MacDonald2@forces.gc.ca

Date

July 19, 2018

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

Name (print) - Nom (en lettres moulées)

Sasa Medjovic - DSSO - Industrial Security  
Senior Security Analyst  
Tel: 613-996-0286

Signature

Telephone No. - N° de téléphone

Facsimile No. - N° de télécopieur

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

Date

2018-July 24

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 ☒ Yes  
Non Oui

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

Name (print) - Nom (en lettres moulées)

Lee Anne Forward

Title - Titre

PWGSC

Signature

Telephone No. - N° de téléphone  
(902-496-5170

Facsimile No. - N° de télécopieur  
902-496-5016

E-mail address - Adresse courriel  
leeanne.forward@pwgsc-  
tpsgc.gc.ca

Date

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

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

UNCLASSIFIED

**Security Guide To W355B192569**

- The only Security Requirement for this contract is that personnel working on this procurement require, as a minimum, a **RELIABILITY STATUS** before access to a secure site is granted. Contractor personnel working on DND sites shall abide by the National Defence Security Orders and Directives as well as any Information Technology publications that may apply. DND Unit Security Supervisors are responsible to brief Contractor employees on these policies and any other security instructions/policies as required. Foreign Contractors will abide by their Governments' national security regulations and/or bilateral agreements MOU.
- Prior to allowing access to secure premises, confirmation of Contractor personnel's security clearances must be forwarded on a Visit Clearance Request through the International Industrial Security Division (IISD) of Public Works & Government Services Canada (PWGSC) for approval and bear the name of this contract/project/program/contract number and the Project Officer.
- At no time will the contractor personnel be allowed to have any access to CLASSIFIED/PROTECTED data/documentation/systems and assets.
- Subcontracts containing security requirements are prohibited without the prior written authority of CISC/PWGSC.

**DND Personnel:**

DDSO-Industrial Security, is the contact person for information pertaining to security concerns identified in this procurement.

**Industrial Personnel:**

The Company Security Officer (CSO) or alternate may contact CISC/PWGSC for information pertaining to security concerns identified in this procurement. Foreign Suppliers shall direct security related inquiries to their responsible National Security Authority/Designated Security Authority (NSA/DSA), and shall adhere to instructions issued by their responsible NSA/DSA.

UNCLASSIFIED