



## RETURN BIDS TO:

## RETOURNER LES SOUMISSIONS À:

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

Government of Canada Building  
101 - 22nd Street East, Suite 110  
Saskatoon

Saskatchewan

S7K 0E1

Bid Fax: (306) 975-5397

## REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

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

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

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

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

**Comments - Commentaires**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du**

**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

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

Government of Canada Building  
101 - 22nd Street East

Suite 110

Saskatoon

Saskatche

S7K 0E1

<b>Title - Sujet</b> Firefighting Skid Packages	
<b>Solicitation No. - N° de l'invitation</b> W0142-19X041/A	<b>Date</b> 2019-02-04
<b>Client Reference No. - N° de référence du client</b> W0142-19X041	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$STN-205-5122	
<b>File No. - N° de dossier</b> STN-8-41062 (205)	<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 2019-03-18</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Central Standard Time CST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Baessler, Nancy	<b>Buyer Id - Id de l'acheteur</b> stn205
<b>Telephone No. - N° de téléphone</b> (306) 241-2826 ( )	<b>FAX No. - N° de FAX</b> (306) 975-5397
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF NATIONAL DEFENCE CFB Suffield Att: CMTT Bldg 322 Ralston Alberta T0J 2N0 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>

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Security Requirements**

1. Before award of a contract, the following conditions must be met:
  - (a) the Bidder must hold a valid organization security clearance as indicated in Part 6 - Resulting Contract Clauses;
  - (b) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work 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](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 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).

### **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: 120 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:

Bid Receiving Public Works and Government Services Canada  
Government of Canada Building  
101 – 22<sup>nd</sup> Street East, Suite 110  
Saskatoon, Saskatchewan  
S7K 0E1  
Epost Connect Service: [ROReceptionSoumissions.WRBidReceiving@tpsgc-pwgsc.gc.ca](mailto:ROReceptionSoumissions.WRBidReceiving@tpsgc-pwgsc.gc.ca)  
Bid Facsimile: 306 975 5397

### **2.3 Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) 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 Alberta.

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W0142-19X041/A  
Client Ref. No. - N° de réf. du client  
W0142-19X041

Amd. No. - N° de la modif.  
File No. - N° du dossier  
STN-8-41062

Buyer ID - Id de l'acheteur  
STN205  
CCC No./N° CCC - FMS No./N° VME

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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.

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

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.

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

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

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

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

### **3.1.2 Exchange Rate Fluctuation**

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

## **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**

Mandatory Technical Criteria included at Annex A – Requirement.

#### **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



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## 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.

#### 5.1.2 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.

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## 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 There is no security requirement applicable to the Contract.

### 6.2 Requirement

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

### 6.3 Standard Clauses and Conditions

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

#### 6.3.1 General Conditions

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

### 6.4 Term of Contract

#### 6.4.1 Period of the Contract

The period of the Contract is from date of Contract to 2019-04-30 inclusive.

#### 6.4.2 Delivery Date

While delivery is requested by **2019-03-20**, the best delivery that could be offered is \_\_\_\_\_.

#### 6.4.5 Delivery Points

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

### 6.5 Authorities

#### 6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Nancy Baessler, Procurement Specialist  
Public Works and Government Services Canada  
Acquisitions Branch  
Suite 110, 101 – 22<sup>nd</sup> Street East  
Saskatoon, SK S7K 0E1

Telephone: 306 241 2826  
E-mail address: [nancy.baessler@pwgsc-tpsgc.gc.ca](mailto:nancy.baessler@pwgsc-tpsgc.gc.ca)

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W0142-19X041

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File No. - N° du dossier  
STN-8-41062

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STN205  
CCC No./N° CCC - FMS No./N° VME

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

### 6.5.2 Project Authority

The Project Authority for the Contract is:

*To be determined*

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

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Telephone: \_\_\_\_ \_\_\_\_ \_\_\_\_\_  
Facsimile: \_\_\_\_ \_\_\_\_ \_\_\_\_\_  
E-mail address: \_\_\_\_\_

## 6.6 Payment

### 6.6.1 Basis of Payment

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

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

### 6.6.2 Limitation of Price

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

### **6.6.3 Single Payment**

Canada will pay the Contractor upon completion and delivery of the Work in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada;
- c. the Work delivered has been accepted by Canada.

### **6.6.4 SACC Manual Clauses**

SACC Manual clause A9117C, (2007-11-30) T1204 - Direct Request by Customer Department

### **6.6.5 Electronic Payment of Invoices – Contract**

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

- a. To be determined

### **6.7 Invoicing Instructions**

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

### **6.8 Certifications and Additional Information**

#### **6.8.1 Compliance**

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

### **6.9 Applicable Laws**

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

## 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, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated \_\_\_\_\_

## 6.11 Defence Contract

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

## 6.12 SACC Manual Clauses

SACC Manual clause [A9062C](#) (2011-05-16) Canadian Forces Site Regulations  
SACC Manual clause [B7500C](#) (2006-06-16) Excess Goods  
SACC Manual clause [G1005C](#) (2016-01-28) Insurance, No Specific Requirement

## **ANNEX "A"**

### **REQUIREMENT**

#### **Scope:**

CFB Suffield Fire Services requires (2) two wildland firefighting packages with 200 gallon (757 litre) water tanks with integrated foam cells. The firefighting packages must be designed with modular slide in capability for easy installation and removal from fire services ¾ ton or 1 ton long box type pickup trucks used for grassland firefighting operations.

#### **Size**

Dimensions must not exceed 49" wide and 96" long

Total weight when full of water and foam must not exceed 2,300 lbs

#### **Water tank**

200 gallon (757 litre) tank capacity (Technical authority to be contacted if water capacity reduction is required to meet weight limit restriction).

Must be UV stabilized polypropylene construction.

Tank walls must be a minimum of ½" thick and the tank floor must be a minimum of ¾" thick

Tank must be black in colour

Tank baffles shall meet current National Fire Protection Association (NFPA) requirements

Integrated foam cell with 8 gallon (30 litre) capacity.

Must include water level gauge

Must include a fill towers for foam and water with hinged covers. The fill tower must be located towards the rear of the tank.

A tank drain with brass plug must be included.

A 2.5" outlet for tank suction and a 1.5" tank fill inlet must be included on the rear wall of the tank.

A direct tank fill with 2.5" Storz connection shall be installed on the top of the tank with access from the driver's side of the vehicle.

#### **Pump**

Must have a gasoline powered 18 to 20 horsepower engine

Must be capable of pumping 180 gallons per minute at 100 psi

Fuel tank capacity must be a minimum of 3 gallons

Must have both manual recoil and electric start

Must be single stage centrifugal

Impeller must be bronze

Parts must be readily available within Canada

Primer must be electric or exhaust venturi type capable of at least 15ft of lift.

10ft of 2.5" hard suction hose shall be provided.

Pump controls shall include a control panel with a minimum of a throttle control, on/off switch, and a discharge pressure gauge

### **Piping, Hose Reel and Hose**

Suction side piping shall be schedule 40 steel pipe with welded joints with flexible hose provided as required to reduce flex and vibration between the pump and the tank.

Suction piping, pump and discharge must be tested to 400psi.

A 2.5" industrial valve shall be installed between the pump and the tank.

The suction side piping shall include a tee into the suction side of the pump with an overboard suction connection to include a 2.5" national hose (NH) thread complete with cap and retaining chain or cable. A three way ball valve shall not be used as part of the suction side piping.

A discharge manifold shall be installed to include (1) one 1.5" fire grade valve with 1.5" Storz connection, (1) one ¾" industrial ball valve with ¾" garden hose thread connection in addition to the discharge requirements for the pump to tank and the supply for the hose reel.

Discharges shall include caps with retaining chains or cables.

All discharge valves over 1" shall be fire service type drop out style stainless steel ball valves capable of bi-directional flow with a minimum working pressure rating of 250psi.

Valves shall not require lubrication of the seats or other internal waterway components.

1" or smaller valves shall be standard industrial type ball valves.

The tank fill line shall include a 1" industrial type ball valve.

The booster reel shall be a low profile type with electric rewind (with protection against power shortage) with capacity for 100ft of 1" booster hose.

A crank mechanism shall be included for manual hose rewind

The booster reel shall be mounted on top and towards the centre of the water tank

The booster hose shall be 100ft in length and shall be rubber type firefighting hose complete with wildland firefighting type nozzle.

The hose drum shall be steel and shall be red in colour.

An enclosed battery shall be provided for the electric start and to power the hose reel and shall include a solar panel for battery recharge.

### **Foam System**

Must be an around-the –pump type firefighting foam system designed for 1% class A firefighting foam

### **Skid Frame**

The firefighting package must be mounted on a durable frame that is suitable for installing and removing the firefighting package from a pickup truck using a forklift.

### **Parts**

All parts must be readily available within Canada for repairs as required.

### **Delivery**

Base Commander  
Attn: CMTT, Bldg 322 Cerprano Avenue  
CFB Suffield  
RALSTON, Alberta T0J 2N0  
Canada

Refer to the Compliance Matrix for the complete performance specifications and instructions that must be satisfied in order for a bid to be deemed responsive.

## **COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS**

A complete list of the minimum mandatory performance specifications are detailed below in the "Compliance Matrix". Bidders are to clearly demonstrate compliance with each mandatory specification.

1. Bidders **must** show compliance by addressing each performance specification in the Compliance Matrix, whether the product offered "meets" or "doesn't meet".
2. Bidders are requested to indicate how they meet each performance specification by recording this information under the Performance Specification Offered column in the Compliance Matrix.
3. It is requested that supporting technical documentation, including but not limited to, specification sheets, technical brochures, photographs or illustrations be provided with the bid at solicitation close and be cross-referenced on the Compliance Matrix for each performance specification to outline where in the supporting technical documentation it demonstrates compliance. It is the Bidders responsibility to ensure that the submitted supporting technical documentation provides detail to prove that the proposed product(s) meet the requirements of the Performance Specification. If published supporting technical document is not available, the Bidder should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance.
4. If the supporting documentation referenced above has not been provided at bid closing, the Contracting Authority will notify the Bidder that they must provide supporting documentation within two (2) business days following notification. Failure to comply with the request of the Contracting Authority within that time period, will deem the bid non-responsive and the bid will be given no further consideration.



5. Bidders must address any concerns with the performance specifications in written detail to the Contracting Authority before bid closing as outlined in the Request for Proposal (RFP) document.
6. Failure to meet each mandatory performance specification will result in the bid being deemed non-responsive, and be given no further consideration.

Requirement:	Manufacturer Offered:	Model number Offered#:

Item #	Performance Specification	Status (M) Mandatory or Optional	Performance Specification Met? Indicate either Yes/No	Cross Reference: In this column, Bidders should cross-reference where this performance specification is indicated in their supporting documents.
1	Dimensions must not exceed 49" wide and 96" long	M		
2	Total weight when full of water and foam must not exceed 2,300 lbs	M		
3	200 gallon (757 litre) tank capacity (Technical authority to be contacted if water capacity reduction is required to meet weight limit restriction).	M		
4	Must be UV stabilized polypropylene construction.	M		
5	Tank walls must be a minimum of ½" thick and the tank floor must be a minimum of ¾" thick	M		
6	Tank must be black in colour	M		
7	Tank baffles shall meet current National Fire Protection Association (NFPA) requirements	M		
8	Integrated foam cell with 8 gallon (30 litre) capacity.	M		
9	Must include water level gauge	M		

10	Must include a fill towers for foam and water with hinged covers. The fill tower must be located towards the rear of the tank.	<b>M</b>		
11	A tank drain with brass plug must be included.	<b>M</b>		
12	A 2.5" outlet for tank suction and a 1.5" tank fill inlet must be included on the rear wall of the tank.	<b>M</b>		
13	A direct tank fill with 2.5" Storz connection shall be installed on the top of the tank with access from the driver's side of the vehicle.	<b>O</b>		
14	Must have a gasoline powered 18 to 20 horsepower engine	<b>M</b>		
15	Must be capable of pumping 180 gallons per minute at 100 psi	<b>M</b>		
16	Fuel tank capacity must be a minimum of 3 gallons	<b>M</b>		
17	Must have both manual recoil and electric start	<b>M</b>		
18	Must be single stage centrifugal	<b>M</b>		
19	Impeller must be bronze	<b>M</b>		
20	Parts must be readily available within Canada	<b>M</b>		
21	Primer must be electric or exhaust venturi type capable of at least 15ft of lift.	<b>M</b>		
22	10ft of 2.5" hard suction hose shall be provided.	<b>M</b>		
23	Pump controls shall include a control panel with a minimum of a throttle	<b>M</b>		

	control, on/off switch, and a discharge pressure gauge			
24	Suction side piping shall be schedule 40 steel pipe with welded joints with flexible hose provided as required to reduce flex and vibration between the pump and the tank.	<b>M</b>		
25	Suction piping, pump and discharge must be tested to 400psi.	<b>M</b>		
26	A 2.5" industrial valve shall be installed between the pump and the tank.	<b>M</b>		
27	The suction side piping shall include a tee into the suction side of the pump with an overboard suction connection to include a 2.5" national hose (NH) thread complete with cap and retaining chain or cable. A three way ball valve shall not be used as part of the suction side piping.	<b>M</b>		
28	A discharge manifold shall be installed to include (1) one 1.5" fire grade valve with 1.5" Storz connection, (1) one ¾" industrial ball valve with ¾" garden hose thread connection in addition to the discharge requirements for the pump to tank and the supply for the hose reel.	<b>M</b>		
29	Discharges shall include caps with retaining chains or cables.	<b>M</b>		
30	All discharge valves over 1" shall be fire service type drop out style stainless steel ball valves capable of bi-directional flow with a minimum working pressure rating of 250psi.	<b>M</b>		

31	Valves shall not require lubrication of the seats or other internal waterway components.	<b>M</b>		
32	1" or smaller valves shall be standard industrial type ball valves.	<b>M</b>		
33	The tank fill line shall include a 1" industrial type ball valve.	<b>M</b>		
34	The booster reel shall be a low profile type with electric rewind (with protection against power shortage) with capacity for 100ft of 1" booster hose.	<b>M</b>		
35	A crank mechanism shall be included for manual hose rewind	<b>M</b>		
36	The booster reel shall be mounted on top and towards the centre of the water tank	<b>M</b>		
37	The booster hose shall be 100ft in length and shall be rubber type firefighting hose complete with wildland firefighting type nozzle	<b>M</b>		
38	The hose drum shall be steel and shall be red in colour.	<b>O</b>		
39	An enclosed battery shall be provided for the electric start and to power the hose reel and shall include a solar panel for battery recharge.	<b>M</b>		
40	Must be an around-the – pump type firefighting foam system designed for 1% class A firefighting foam	<b>M</b>		
41	The firefighting package	<b>M</b>		

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	must be mounted on a durable frame that is suitable for installing and removing the firefighting package from a pickup truck using a forklift.			
42	All parts must be readily available within Canada for repairs as required.	<b>M</b>		

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**ANNEX "B"**

**BASIS OF PAYMENT**

	<b>Units Required</b>	<b>Price per Unit</b>	<b>Extended Price</b>
Wildland firefighting packages with 200 gallon (757 litre) water tanks with integrated foam cells	2		
<b>Delivery</b>			
<b>Total Cost</b>			

GST/HST not included

FOB Delivery CFB Suffield (Ralston)

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**ANNEX "C" to PART 3 OF THE BID SOLICITATION**

**ELECTRONIC PAYMENT INSTRUMENTS**

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

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