



<p><b>RETURN BIDS TO: RETOURNER LES SOUMISSIONS À:</b></p> <p><b>Bid Receiving - Environment Canada</b></p> <p><b>Walk-in submission :</b> Environment Canada Queen Square Building 15th Floor Reception Area 45 Alderney Drive Dartmouth, Nova Scotia B2Y 2N6</p> <p><b>Courier/Mail Submission:</b> Environment Canada Queen Square Building 16<sup>th</sup> Floor Mail Room 45 Alderney Drive Dartmouth, NS B2Y 2N6</p> <p><b>BID SOLICITATION DEMANDE DE SOUMISSIONS</b></p> <p><b>PROPOSAL TO: ENVIRONMENT AND CLIMATE CHANGE CANADA</b></p> <p>We offer to perform or provide to Canada the services detailed in the document including any attachments and annexes, in accordance with the terms and conditions set out or referred to in the document, at the price(s) provided.</p> <p><b>SOUMISSION À: Environnement et Changement climatique Canada</b></p> <p>Nous offrons d'effectuer ou de fournir au Canada, aux conditions énoncées ou incluses par référence dans le document incluant toutes pièces jointes et annexes, les services détaillés dans le document, au(x) prix indiqué(s).</p>	<p><b>Title –</b> Weather Observations Services at Happy Valley-Goose Bay, Newfoundland &amp; Labrador</p>	
	<p><b>EC Bid Solicitation No. /SAP No. – N° de la demande de soumissions EC / N° SAP</b> 5000033341 – Amendment 001</p>	
	<p><b>Date of bid solicitation/Date de la demande de soumissions</b> 2017-10-18</p>	
	<p><b>Bid solicitation closes - La demande de soumissions prend fin</b></p> <p><b>at – à</b> 2:00 P.M. <b>on – le</b> 2017-10-31</p>	<p><b>Time Zone – Fuseau horaire</b> Atlantic Daylight Savings Time</p>
	<p><b>F.O.B – F.A.B Destination</b></p>	
	<p><b>Address Enquiries to - Adresser toutes questions à</b> Jennifer Legere Email: jennifer.legere@canada.ca</p>	
	<p><b>Telephone No. – N° de téléphone</b> 902-426-9940</p>	<p><b>Fax No. – N° de Fax</b> N/A</p>
	<p><b>Delivery Required (YEAR-MM-DD) – Livraison exigée (AAAA-MM-JJ)</b> See Statement of Work herein</p>	
	<p><b>Destination - of Services / Destination des services</b> Environment and Climate Change Canada See herein.</p>	
	<p><b>Security / Sécurité</b> The successful bidder must meet the security requirements prior to contract award.</p>	
<p><b>Vendor/Firm Name and Address - Raison sociale et adresse du fournisseur/de l'entrepreneur</b></p>		
<p><b>Telephone No. – N° de téléphone</b></p>	<p><b>Fax No. – N° de Fax</b></p>	
<p><b>Name and title of person authorized to sign on behalf of Vendor/Firm: (type or print) / Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b></p>		
<p><b>Signature</b></p>	<p><b>Date</b></p>	

This Amendment 001 to Solicitation 5000033341 is raised to answer supplier inquiries and modify the solicitation as follows:

Supplier Inquiries:

Question 1: RE: ANNEX A: STATEMENT OF WORK, 4.2 Other Related Tasks; D: Routine Equipment Maintenance: 1. Confirm the requirement for and describe the additional training and/or certification regarding the performance of routine brewer spectrophotometers maintenance as a supplementary program.

Answer 1: Please refer to Modifications to solicitation below.

Question 2: a) Are weekly Aerological Ozone Soundings a supplementary program requirement?

b) If so, what are the additional training and/or certification requirements regarding the performance of the weekly Aerological Ozone Sounding?

Answer 2: a) Yes, please refer to Modifications to solicitation below.

b) Training for the Ozonesonde program is provided in conjunction with the Aerological Observers course. Please refer to Modifications to solicitation below.

Question 3: RE: Appendix 1 to Annex A, Additional Requirements of the Work under the Resulting Contract, 3.2 Observer Training, Section 3.2.4: Please provide the current training schedule at Stony Plain for the Contract Aerological Weather Observing Course.

Answer 3: The training schedule will be provided upon contract award.

Modifications to solicitation:

At Annex A, Statement of Work, 4.0 Scope, 4.2 OTHER RELATED TASKS, D Routine Equipment Maintenance:

**DELETE:** *In its entirety.*

**INSERT:** At the request of an MSC Inspector, the Contractor must, while completing its aerological duties, perform routine maintenance of meteorological equipment supplied to the station. This will include, but is not limited to the ground level ozone analyzer and brewer spectrophotometers, verifying the accurate operation of the equipment and notifying the appropriate technical authority or agent if repair or replacement of the equipment is required, changing and notation of charts where required, inking or replacement of recorder pens, winding and setting of clocks and other routine maintenance that will not cause the Contractor to invoice for additional work.

D. (i) **Brewer Spectrophotometer:** During each aerological observation and prior to (1200 UTC) and (0000 UTC) the Contractor shall be responsible for the maintenance of the Brewer Spectrophotometer by ensure that all data is being transmitted and records are mailed plus:

- Daily Checks
  - Computer checks
  - dome & window cleaning
  - moisture check

- Bi-monthly checks
- Steps per revolution
- sightings
- desiccant check
- Monthly Checks
  - Azimuth drive plate cleaning
- Other Checks
- Periodic re-levelling of the Brewer (once every 6months)
- Periodic calibration lamp replacement (once every 6months)
- Periodic diagnostic and troubleshooting (every 4months)
- Replacement of Brewer and returning old unit (annual)

All personnel who will work on the Brewer shall be given up to eight hours of training on site.

D. (ii) **Ozonesonde Pre-flight Check:** Once per week, the Contractor shall perform an ozonesonde pre-flight check. The pre-flight checks are to be performed in accordance with the “**MANUAL OF UPPER AIR OBSERVATIONS**” (MANUPP) and the Navaid Operators Manual. As a pre-flight check cannot be performed during the aerological ascent one hour additional compensation will be given for each pre-flight check performed. It is anticipated that there will be 52 pre-flight checks each year.

(iii) **Ozonesonde Flight:** Once per week, the Contractor shall perform an ozonesonde flight in place of a regular aerological ascent. The ozonesonde flights are to be performed in accordance with the manual “Ozonesonde Operations Handbook.” As an ozonesonde flight required additional time to perform, one hour additional compensation will be given for each ozonesonde flight performed. It is anticipated that there will be 52 ozonesonde flights each year.

Training for the Ozonesonde program is provided in conjunction with the Aerological Observers course.

**At Annex B, Basis of Payment**

**DELETE:** *In its entirety.*

**INSERT:** Refer to documentation attached on the following pages.

**All other terms and conditions remain the same.  
The closing date remains unchanged.**

**ANNEX B  
 BASIS OF PAYMENT/FINANCIAL  
 BID EVALUATION SHEET**

The Bidder's prices must be submitted based on the hours of work described below. The price must be stated per year and not include GST/HST. Overhead and profit are to be included in the firm, all-inclusive hourly rates. FOB destination, Canadian customs duties and excise taxes included.

**Table 1.1  
 1st Contract Year**

Line	description	estimated quantity	unit of Issue	firm unit price	total estimated cost
<b>Pricing Schedule 1 - Firm All Inclusive Prices</b> - The Contractor will be paid the following firm all-inclusive rates for work performed in accordance with the Statement of Work at Annex A.					
1.	Aerological Observations (3hours per observation twice daily @ 365days)	<b>678</b>	each	\$	\$
2.	End of month report (1 hour per month)	<b>12</b>	each	\$	\$
3.	Ozone pre-flight	<b>52</b>	each	\$	\$
4.	Ozone flights	<b>52</b>	each	\$	\$
<b>Pricing Schedule 2 - Additional "As and When Requested" work</b> The Contractor will be paid the following firm hourly rates, for work performed pursuant to this Contract, in accordance with the Statement of Work at Annex A.					
1.	hourly labour rate	<b>72</b>	hours	\$	\$
<b>Total Price for Evaluation</b>					<b>\$</b>

**Table 1.2**  
**2nd Contract Year**

line	description	estimated quantity	unit of Issue	firm unit price	total estimated cost
<p><b>Pricing Schedule 1 - Firm All Inclusive Prices</b> - The Contractor will be paid the following firm all-inclusive rates for work performed in accordance with the Statement of Work at Annex A.</p>					
1.	Aerological Observations (3hours per observation twice daily @ 365days)	680	each	\$	\$
2.	End of month report (1 hour per month)	12	each	\$	\$
3.	Ozone pre-flights	52	each	\$	\$
4.	Ozone flights	52	each	\$	\$
<p><b>Pricing Schedule 2 - Additional "As and When Requested" work</b>                      The Contractor will be paid the following firm hourly rates, for work performed pursuant to this Contract, in accordance with the Statement of Work at Annex A.</p>					
1.	hourly labour rate	72	hours	\$	\$
<b>Total Price for Evaluation</b>					\$

**Table 1.3**  
**1<sup>st</sup> Option Year (3<sup>rd</sup> Contract Year)**

line	description	estimated quantity	unit of Issue	firm unit price	total estimated cost
<p><b>Pricing Schedule 1 - Firm All Inclusive Prices</b> - The Contractor will be paid the following firm all-inclusive rates for work performed in accordance with the Statement of Work at Annex A.</p>					
1.	Aerological Observations (3hours per observation twice daily @ 365days)	680	each	\$	\$
2.	End of month report (1 hour per month)	12	each	\$	\$
3.	Ozone pre-flights	52	each	\$	\$
4.	Ozone flights	52	each	\$	\$
<p><b>Pricing Schedule 2 - Additional "As and When Requested" work</b>                      The Contractor will be paid the following firm hourly rates, for work performed pursuant to this Contract, in accordance with the Statement of Work at Annex A.</p>					
1.	hourly labour rate	72	hours	\$	\$
<b>Total Price for Evaluation</b>					\$

**Table 1.4**  
**2<sup>nd</sup> Option year (4<sup>th</sup> contract year)**

line	description	estimated quantity	unit of Issue	firm unit price	total estimated cost
<p><b>Pricing Schedule 1 - Firm All Inclusive Prices</b> - The Contractor will be paid the following firm all-inclusive rates for work performed in accordance with the Statement of Work at Annex A.</p>					
1.	Aerological Observations (3hours per observation twice daily @ 365days)	678	each	\$	\$
2.	End of month report (1 hour per month)	12	each	\$	\$
3.	Ozone pre-flight	52	each	\$	\$
4.	Ozone flights	52	each	\$	\$
<p><b>Pricing Schedule 2 - Additional "As and When Requested" work</b>                      The Contractor will be paid the following firm hourly rates, for work performed pursuant to this Contract, in accordance with the Statement of Work at Annex A.</p>					
1.	hourly labour rate	72	hours	\$	\$
<b>Total Price for Evaluation</b>					\$

**Table 1.5**  
**3<sup>rd</sup> Option year (5<sup>th</sup> contract year)**

line	description	estimated quantity	unit of issue	firm unit price	total estimated cost
<p><b>Pricing Schedule 1 - Firm All Inclusive Prices</b> - The Contractor will be paid the following firm all-inclusive rates for work performed in accordance with the Statement of Work at Annex A.</p>					
1.	Aerological Observations (3hours per observation twice daily @ 365days)	678	each	\$	\$
2.	End of month report (1 hour per month)	12	each	\$	\$
3.	Ozone pre-flight	52	each	\$	\$
4.	Ozone flights	52	each	\$	\$
<p><b>Pricing Schedule 2 - Additional "As and When Requested" work</b>                      The Contractor will be paid the following firm hourly rates, for work performed pursuant to this Contract, in accordance with the Statement of Work at Annex A.</p>					
1.	hourly labour rate	72	hours	\$	\$
<b>Total Price for Evaluation</b>					\$

**Total Estimated Price of the Bid** \_\_\_\_\_ \$

Table 1.1 Total Price (\$XXX) + Table 1.2 Total Price (\$XXX) + Table 1.3 Total Price (\$XXX) + Table 1.4 Total Price (\$XXX) + Table 1.5 Total Price (\$XXX) = Total value of the bid