

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

**Bid Receiving
PWGSC
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5
Bid Fax: (905) 615-2095**

**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

Title - Sujet Sequential Precipitation Collector	
Solicitation No. - N° de l'invitation KM060-121329/A	Date 2013-08-26
Client Reference No. - N° de référence du client KM060-121329	
GETS Reference No. - N° de référence de SEAG PW-\$TOR-024-6337	
File No. - N° de dossier TOR-3-36031 (024)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-10-07	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Somaratna, Chinthaka	Buyer Id - Id de l'acheteur tor024
Telephone No. - N° de téléphone (905) 615-2062 ()	FAX No. - N° de FAX (905) 615-2060
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF THE ENVIRONMENT 4905 DUFFERIN ST DOWNSVIEW Ontario M3H5T4 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

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
Ontario Region
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5

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

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PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with this bid solicitation.

2. Requirement

The requirement is detailed under Article 2 of the resulting contract clauses.

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 of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

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

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2013-06-01) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2. Submission of Bids

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

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 questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

4. Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

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

Section I: Technical Bid (2 hard copies)

Section II: Financial Bid (1 hard copy)

Section III: Certifications (1 hard copy)

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

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

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process
[Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-Eng. Html)

(<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-Eng. Html>).

To assist Canada in reaching its objectives, bidders should:

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

Section I: Technical Bid

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

Section II: Financial Bid

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total

Bidders must submit their financial bid in accordance with the Basis of Payment. The amount of applicable taxes must be shown separately.

1.1 Exchange Rate Fluctuation

C3011T (2010-01-11), Exchange rate fluctuation

Section III: Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

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.

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria

See Annex C.

1.2 Financial Evaluation

1.2.1 Mandatory Financial Criteria

in

The Bidder must complete and submit with its bid, Annex B - Basis of Payment,

Canadian Funds. Pricing must be provided for all firm requirements.

Bid will be evaluated based on the price detailed in Annex B - Basis of Payment.

The price used in the evaluation will be the Firm Lot Price in Annex B.

1.2.2 SACC Manual Clause

A0220T (2013-04-25), Evaluation of Price

2. Basis of Selection - Mandatory Technical Criteria

2.1 SACC Manual Clause

A0031T (2010-08-16) Basis of Selection - Mandatory Technical Criteria.

PART 5 - CERTIFICATIONS

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

The certifications provided by bidders to Canada are subject to verification by Canada at all times. 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 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 with this request will also render the bid non-responsive or will constitute a default under the Contract.

1. Mandatory Certifications Required Precedent to Contract Award

1.1 Code of Conduct and Certifications - Related documentation

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions 2003. The related documentation therein required will assist Canada in confirming that the certifications are true.

1.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](http://www.hrsdc.gc.ca/eng/labour/index.shtml)" list (<http://www.hrsdc.gc.ca/eng/labour/index.shtml>) available from [Human Resources and Skills Development Canada \(HRSDC\)](#) - Labour's website.

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

1. Security Requirement

There is no security requirement applicable to this Contract.

2. Requirement

The Contractor must provide **a fully-functional SEQUENTIAL PRECIPITATION COLLECTOR** in accordance with the Requirement at Annex " A "

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.

3.1 General Conditions

2010A (2013-04-25), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

3.2 Supplemental General Conditions

4001 (2013-01-28), Supplemental General Conditions - Hardware Purchase, Lease and Maintenance, apply to and form part of the Contract.

4. Term of Contract

4.1 Delivery Date

All the deliverables must be received on or before 80 days after date of contract award.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Chinthaka Somaratna
 Title: Supply Officer
 Public Works and Government Services Canada
 Acquisitions Branch
 Ontario Region
 Address: Suite 480C, 33 City Centre Drive
 Mississauga, ON - L5B 2N5
 Telephone: (905) 615-2062
 Facsimile: (905) 615-2060
 E-mail address: chinthaka.somaratna@pwgsc-tpsgc.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.

5.2 Project Authority

The Project Authority for the Contract is: (TBA at the time of award)

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.

5.3 Contractor's Representative

Name: _____
 Title: _____
 Organization: _____
 Address: _____
 Telephone : _____
 Facsimile: _____
 E-mail address: _____

6. Payment

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 contract for a cost of \$ _____ (insert the amount at contract award). 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.

6.2 Limitation of Price

SACC *Manual* clause C6000C (2011-05-16) Limitation of Price

6.3 Single Payment

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

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 following address for certification and payment.

To be provided at contract award.
 - B. One (1) copy must be forwarded to the Contracting authority identified under the section entitled "Authorities" of the Contract

8. Certifications

8.1 Compliance

Compliance with the certifications and related documentation provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification, provide the related documentation or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

9. Applicable Laws

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

10. Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the Supplemental General Conditions 4001 (2013-01-28),- Hardware Purchase, Lease and Maintenance,
- (c) the General Conditions 2010A (2013-04-25) General Conditions-*Goods (Medium Complexity)*;
- (d) Annex A, Requirement;
- (e) Annex B, Basis of Payment; and;
- (f) the Contractor's bid dated _____

11. Insurance

G1005C (2008-05-12) Insurance

ANNEX "A"**REQUIREMENT****Sequential Precipitation Collector for Environment Canada****Introduction**

Environment Canada's Canadian Air and Precipitation Monitoring Network (CAPMoN) has been collecting precipitation samples for analysis for almost 30 years. CAPMoN is currently collecting precipitation at 29 sites across Canada and requires a new collector that could be deployed at sites that have minimal operator availability. The sites are often isolated and not frequently visited so instrument reliability is an important component.

Requirement

This instrumentation must be commercially available and have demonstrated the ability to collect precipitation for an extended period of time as this is not a requirement for instrument development. The instrument must meet the following requirements/specifications.

- a) Must have automated collection of 24 hours daily samples with programmable daily sample periods from 0800 AM - 0800 AM.
- b) Instrument must contain 8 sample reservoirs each with a capacity of 1000 mL or more.
- c) Must have a sample bottle overflow sensor to advance to next bottle.
- d) Sample reservoirs must be composed of high density polyethylene.
- e) Must have a programmability option to not advance bottles if no precipitation event detected in a given day.
- f) Instrument must be a wet deposition only collector.
- g) Must have an internal data storage for recording all available instrument parameters for a minimum of 14 days or more.
- h) Must have funnel heating capabilities for the collection of snow samples.
- i) Collector funnel must remain closed during periods of non-precipitation.
- j) Collected samples must be stored at a temperature between higher than and equal to 2 °C to less than and equal to 6 °C with both heating and cooling capabilities.
- k) Must have remote access and control capabilities, wired or wireless.
- l) Must have a precipitation sensor designed to function for both rain and snow events.
- m) Precipitation sample path must be constructed with chemically inert material.
- n) Must have a heated collection inlet cover.

- o) Must have a lockable sample storage compartment.
- p) Must have a power requirement of 120V 60 Hz.
- q) Instrument must function in temperatures between higher than and equal to - 40 °C to less than and equal to + 40 °C.
- r) Instrument must not have exposed insulation.
- s) Instrument must have internal diagnostics for instrument trouble shooting and data validation.
- t) Instrument manual must include detailed trouble shooting procedures.
- u) Instrument must be mountable on a 3 ½ inch outer diameter pipe.
- v) Must have product support, repair, services and parts available upon request for a minimum of 5 years beginning after acceptance tests are completed and the deliverables are accepted by Environment Canada.

Equipment Operating Instruction Manual

The Contractor must provide to EC, one (1) hard copy and one (1) electronic copy of the equipment operating instruction manual in the English language.

Warranty, Service, Support & Updates

The Contractor must provide **1-year parts and labour warranty** on the entire equipment. Warranty will begin on the day that the acceptance tests are completed and the deliverables are accepted by Environment Canada and contractor must have product support, service and parts available upon request to purchase for a minimum of 5 years beginning after the day that the acceptance tests are completed and the deliverables are accepted by Environment Canada.

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ANNEX "B"**BASE OF PAYMENT**

The firm lot price must be an all inclusive price for the supply and delivery of goods and services, in accordance with Annex A Requirement in Canadian funds including Canadian customs duties, all transportation and delivery charges included, FOB destination, applicable taxes extra.

Item	Description	Quantity	Firm Lot Price (applicable taxes extra)
1	<p>Supply and delivery of one fully-functional sequential precipitation collector in accordance with Annex A, Requirement.</p> <p>Manufacturer: _____</p> <p>Model No: _____</p> <p>12-months parts and labour warranty included. All packaging, shipping, transportation and delivery charges included.</p>	1 Lot	\$

ANNEX " C "**MANDATORY TECHNICAL EVALUATION CRITERIA (MTEC)**

Mandatory Technical Evaluation Criteria	Identify where the supporting documentation is located in the bid package (page number(s))
<p>The bidder must provide documentation demonstrating that their proposed sequential precipitation collector meets the following minimum specifications:</p> <p>(a) Must have automated collection of 24 hours daily samples with programmable daily sample periods from 0800 AM - 0800 AM.</p> <p>(b) Instrument must contain 8 sample reservoirs each with a capacity of 1000 mL or more.</p> <p>(c) Must have a sample bottle overflow sensor to advance to next bottle.</p> <p>(d) Sample reservoirs must be composed of high density polyethylene.</p> <p>(e) Must have a programmability option to not advance bottles if no precipitation event detected in a given day.</p> <p>(f) Instrument must be a wet deposition only collector.</p> <p>(g) Must have an internal data storage for recording all available instrument parameters for a minimum of 14 days or more.</p> <p>(h) Must have funnel heating capabilities for the collection of snow samples.</p> <p>(i) Collector funnel must remain closed during periods of non-precipitation.</p> <p>(j) Collected samples must be stored at a temperature between higher than and equal to 2 °C to less than and equal to 6 °C with both heating and cooling capabilities.</p> <p>(k) Must have remote access and control capabilities, wired or wireless.</p> <p>(l) Must have a precipitation sensor designed to function for both rain and snow events.</p>	

- (m) Precipitation sample path must be constructed with chemically inert material.
- (n) Must have a heated collection inlet cover.
- (o) Must have a lockable sample storage compartment.
- (p) Must have a power requirement of 120V 60 Hz.
- (q) Instrument must function in temperatures between higher than and equal to - 40 °C to less than and equal to + 40 °C.
- (r) Instrument must not have any exposed insulation.
- (s) Instrument must have internal diagnostics for instrument trouble shooting and data validation.
- (t) Instrument manual must include detailed trouble shooting procedures.
- (u) Instrument must be mountable on a 3 ½ inch outer diameter pipe.
- (v) Bidder must have a commercially available automated multi-sample bottle rain and snow collector with a heated funnel size between 9-15 inches that has been deployed for one (1) year in an existing monitoring network. At least one (1) reference of an existing monitoring network using the product must be provided. Canada reserves the right to contact the references to verify the accuracy of information.
- (w) Must have product support, repair, services and parts available upon request for a minimum of 5 years beginning after acceptance tests are completed and the deliverables are accepted by Environment Canada.
- (x) The Bidder must provide ***1-year parts and labour Warranty*** on the entire equipment. Warranty will begin on the day that the acceptance tests are completed and the deliverables are accepted by Environment Canada.