

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada
Room 1650, 635 8th Ave. S.W.
Calgary
Alberta
T2P 3M3

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 Water Purification System	
Solicitation No. - N° de l'invitation KW405-130501/B	Date 2013-11-14
Client Reference No. - N° de référence du client EC	
GETS Reference No. - N° de référence de SEAG PW-\$CAL-131-6155	
File No. - N° de dossier CAL-3-36025 (131)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-01-03	Time Zone Fuseau horaire Mountain Standard Time MST
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: Stanczak, Connor	Buyer Id - Id de l'acheteur cal131
Telephone No. - N° de téléphone (403) 292-5115 ()	FAX No. - N° de FAX (403) 292-5786
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF THE ENVIRONMENT ECS - National Water Research Institute 11 innovation Blvd Saskatoon Saskatchewan S7N 3H5 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/Travaux
publics et Services gouvernementaux Canada
Room 1650, 635 8th Ave. S.W.
Calgary
Alberta
T2P 3M3

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

Reissue of Bid Solicitation

(A9043T, 2013-04-25)

This bid solicitation cancels and supersedes previous bid solicitation number KW405-130501/A dated August 19, 2013 with a closing of October 18, 2013 at 2:00 P.M. MDT. A debriefing or feedback session will be provided upon request to bidders/offerors/suppliers who bid on the previous solicitation.

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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 seven (7) 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 Alberta.

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.

5. Mandatory Site Visit

(A9040T, 2007-05-25)

It is mandatory that the Bidder or a representative of the Bidder visit the work site. Arrangements have been made for site visit to be held on December 10, 2013 at 10:00 AM 11 Innovation Blvd, Saskatoon SK, S7N 3H5 . Bidders must communicate with the Contracting Authority no later than three (3) days before the scheduled visit to confirm attendance and provide the names of the person(s) who will attend. Bidders will be required to sign an attendance form. Bidders should confirm in their bids that they have attended the site visit. Bidders who do not attend or send a representative will not be given an alternative

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appointment and their bids will be rejected as non-compliant. Any clarifications or changes to the bid solicitation resulting from the site visit will be included as an amendment to the bid solicitation.

If the bidder attended the previous mandatory site visit on September 16, 2013 for solicitation KW405-130501/A they are not required to attend the mandatory site visit on December 10, 2013 for KW405-130501/B. The bidder is however still allowed to attend the December 10, 2013 site visit.

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 (one hard copy)

Section II: Financial Bid (one hard copy)

Section III: Certifications (one 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>). 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.

1.1 Document Required for Bid Evaluation Purposes

The Bidder must provide the following documents with its bid:

A brochure, technical data sheets, photos and/or any other documentation that demonstrated compliance with the minimum technical criteria identified in Annex A

Section II: Financial Bid

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

1.1 Exchange Rate Fluctuation

C3011T

Exchange Rate Fluctuation

(2013-11-06)

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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

Proposed system must meet the minimum technical specifications identified in Annex A - Requirement.

1.2 Financial Evaluation

The total aggregate bid price will be calculated by adding the value of item #1 to item #2 under Annex "B".

A0222T

Evaluation of Price

(2013-04-25)

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

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

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.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.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 the items detailed under 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>) 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.

4. Term of Contract

4.1 Mandatory Delivery Date

All the deliverables must be received on or before March 31, 2014.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Connor Stanczak
Supply Officer

Telephone: 403-292-5115
Facsimile: 403-292-5786
Email: Connor.Stanczak@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:

***** to be determined at award of contract*****

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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 (To be completed by bidder)

Name: _____

Title: _____

Address: _____

Telephone: _____

Facsimile: _____

E-mail address: _____

6. Payment

6.1 Basis of Payment- Firm Price

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex B for a cost of TBD. 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 SACC Manual Clauses

C2000C	Taxes- Foreign-based Contractor	(2007-11-30)
C2604C	Customs Duties, Excise Taxes and Applicable Taxes - Non-resident	(2013-04-25)
C6000C	Limitation of Price	(2011-05-16)
H1000C	Single Payment	(2008-05-12)

7. Invoicing Instructions

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

The original and two (2) copies must be forwarded to the following address for certification and payment.

Danielle Lambert
 Administration NWRI
 867 Lakeshore Rd PO Box 5050
 Burlington, ON
 L7R 4A6

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 Alberta.

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 (2013-04-25), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated TBD.

11. SACC Manual Clauses

A9068C	Government Site Regulations	(2010-01-11)
B7500C	Excess Goods	(2006-06-16)
G1005C	Insurance	(2008-05-12)

ANNEX A

REQUIREMENT

Title:

Water Purification System.

Requirement:

For the supply, delivery, and installation of a reverse osmosis (RO) water purification system for Environment Canada, Saskatoon, SK.

Background:

The National Laboratory for Environmental Testing in Saskatoon, SK located at the National Hydrological Research Centre, supports Environment Canada monitoring and research programs, in particular the analysis of nutrients in the Lake Winnipeg and Athabasca region watersheds. In order to conduct these analyses high purity water is required. The Saskatoon lab requires replacement of its water purification system

Technical Requirements:

General

New system must be compatible with Milipore RIOS 100 and Milipore Advantage A10 and Mili-Q Gradient polishing systems.

Current maximum water usage is 757 Litre/day

There needs to be a complete sanitization of the system by the contractor prior to use.

The feed water of the purification system will be Saskatoon, SK potable tap water, 40-85 psi with a seasonal temperature range 15-35 C. The system must be compatible with this input.

The system must be able to produce a minimum of 2000 litres a day of RO water

The new system must be closed.

The supplier must provide a minimum one (1) year warranty and specifics of the warranty with their bid.

Pretreatment

Initial pretreatment, such as automatic backwashing filters must be included.

Final pretreatment method and equipment used for this purpose must be user-exchange DI cartridges containing one or more of the following depending on the feed water: activated carbon, sequestering agent, depth filter.

Water Quality

The RO water produced must be treated with an in-line UV light and produce a product with the following characteristics: 95 to 99% ionic rejection, Less than 10 cfu/ml bacteria, Greater than 99% particle rejection.

Type 1 water required through use of DI cartridges.

Storage Tank

Current capacity of holding tanks are 340L (floor) and 170L (ceiling)

The system must include a polyethylene water storage tank to hold the purified water, capacity 350 +/- 50 litre.

UV sterilization of purified water tank.

Automation

We are looking for a more automated system than our current one. The new system must monitor conductivity and resistivity.

The user interface must include the following: calls for water as needed and the same for the storage tank, system notifies us when the cartridges need changing, system notifies us of impending maintenance/cleaning, system provides automated RO cleaning, system stores and/or offers printout of metrics (conductivity, resistivity).

RO tank filling must be automated.

The water purification unit must have complete control of all system functions, which includes: operating functions, monitoring functions, maintenance functions, and alarm functions.

Piping

New distribution loop all points of use to support 35L/min pressurized system. Mount to match existing pathway. If possible use existing chase and hangers. Remove existing piping and use same route.

The flow velocity needs to be high enough to deter bacteria growth. There should be no dead legs which should also deter bacteria growth.

Distribution pump must maintain turbulent flow and re-circulating capability.

The distribution/pretreatment panel assembly must consist of polyethylene/polypropylene materials and capable of distributing at least 35 litres per minute and hook into the existing laboratory pure water distribution system.

Estimated 250 feet of piping required. Based on current distribution loop.

Installation:

The system must be housed in the same room as the existing system. Sketch of room is provided under Annex C (dimensions 20ft x 10ft, other structures occupying room shown).

Doorway entering the wash-up room (where system located) is approx. 4' W X 8' H

Service elevator dimensions are approx 4' W X 7' D X 8' H

In order to better evaluate the installation requirements, the supplier must attend a mandatory site visit. See part 2 Bidders Instructions of the solicitation document for further details. If the supplier attended the original mandatory site visit held on September 16, 2013 it is not mandatory to attend but they are still allowed to attend the new one.

The supplier must conduct the installation and provide a detailed outline of the installation process with their bid, which must include:

- a. Requirements of feed water characteristics and if not met, pretreatments of feed water
- b. Materials, parts, and equipment interconnections must be provided by supplier for installation of a complete working water purification system
- c. Customer responsibilities (such as, room condition, electrical power requirements, scheduling of work, floor drains, etc..)
- d. Supplier delivery schedule
- e. Sanitation of tank and distribution loop at start-up
- f. Supplier responsibilities (e.g. Removal of existing equipment, training, etc...)
- g. List of items that are considered exclusions

Removal of the existing piping will be the responsibility of the contractor, everything else will be responsibility of Environment Canada.

The lab can be shut down for 5 business days in January/February only. If the work is done any other time of the year we may be able to shut down the lab for 3 business days.

Regular hours are 8 am to 5 pm Monday to Friday (excluding holidays). Work in evenings and weekends will only be allowed with the following conditions: restricted access to rooms, monitored Security (extra commissionaire on duty, cost is responsibility of contractor)

The supplier must provide, with their bid, a preliminary plan, showing schematics of the water purification system and how it can be housed.

Other Considerations:

The supplier must have the capability of providing maintenance services for this. Requests for maintenance services will be procured outside of this requirement.

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ANNEX B

BASIS OF PAYMENT

Item	Description	Unit Price
1	All inclusive cost for the supply, delivery, and installation of a reverse osmosis (RO) water purification system for Environment Canada, Saskatoon, SK.	\$ _____
2	All inclusive cost for the removal and disposal of the existing equipment	\$ _____
	Total	\$ _____

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Annex C

FLOOR PLAN

Please see attached Floor Plan documentation.