

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 Circulator Pump	
Solicitation No. - N° de l'invitation W0142-14X049/A	Date 2014-03-03
Client Reference No. - N° de référence du client DND	
GETS Reference No. - N° de référence de SEAG PW-\$CAL-125-6213	
File No. - N° de dossier CAL-3-36112 (125)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-04-14	Time Zone Fuseau horaire Mountain Daylight Saving Time MDT
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: Chan, Linda S.	Buyer Id - Id de l'acheteur cal125
Telephone No. - N° de téléphone (403) 292-5306 ()	FAX No. - N° de FAX (403) 292-5786
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE Base Commander Canadian Forces Base Suffield Attention CMTT Bldg 322 Ralston Alberta T0J 2N0 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

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TITLE: SolarBee Floating Solar Powered Water Circulators**PART 1 - GENERAL INFORMATION****1. Requirement**

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

2. 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.

3. Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA) and the Agreement of Internal Trade (AIT).

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 (2014-03-01) 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: sixty (60) days

Insert: one hundred and eighty (180) days

1.1 SACC Manual Clauses

B1000T (2007-11-30) Condition of Material

B4024T (2006-08-15) No Substitute Products

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.

Due to the nature of the bid solicitation, bids transmitted by electronic mail to PWGSC will not be accepted.

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 questions or may request that the Bidder do so, so that the proprietary nature of the questions 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.

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.

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.

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 (2013-11-06) 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

Bidders are requested to provide documentation to demonstrate how they propose to meet the requirement in Annex "A". It is the Bidders responsibility to ensure that the submitted documentation provides adequate detail to prove that the proposed product meet the requirements of the technical specifications.

1.2 Financial Evaluation

The total bid price will be the firm lot price as identified in Annex "B" - Basis of Payment.

SACC Manual Clause A0222T (2013-04-25) Evaluation of Price

2. Basis of Selection - Mandatory Technical Criteria

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 associated information 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 in carrying out any of its obligations under the Contract, 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 may render the bid non-responsive or constitute a default under the Contract.

1. Certifications Required Precedent to Contract Award

1.1 Integrity Provisions - Associated Information

By submitting a bid, the Bidder certifies that the Bidder and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Bid of Standard Instructions 2003. The associated information required within the Integrity Provisions 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 Employment and Social Development Canada (ESDC) - 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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" 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 (2014-03-01), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

4. Term of Contract

4.1 Delivery Date

While delivery is requested by 30 June 2014, the best delivery that could be offered is _____.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Linda Chan
Acting Supply Specialist
Public Works and Government Services Canada
Acquisitions, Calgary
1650, 635 - 8 Avenue SW
Calgary, AB T2P 3M3

Telephone:(403) 292-5306
Facsimile:(403) 292-5786
E-mail address: linda.chan@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 contract award.

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 *(Fill in as applicable)*

Name: _____

Title: _____

Company: _____

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 \$ _____ (insert at the time of 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.

6.2 Single Payment

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

6.3 SACC Manual Clauses

C2000C (2007-11-30) Taxes - Foreign-based Contractor

C2605C (2008-05-12) Canadian Customs Duties and Sales Tax - Foreign-based Contractor

C2608C (2012-07-16) Canadian Customs Documentation

D5328C (2007-11-30) Inspection and Acceptance

7. Invoicing Instructions

7.1 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.

7.2 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.

8. Certifications**8.1 Compliance**

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing associated information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the associated information, 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 (2014-03-01), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated _____ (*insert at the time of contract award*).

11. SACC Manual Clauses

A9039C (2008-05-12) Salvage
A9062C (2011-05-16) Canadian Forces Site Regulations
B1501C (2006-06-16) Electrical Equipment
B7500C (2006-06-16) Excess Goods
G1005C (2008-05-12) Insurance

ANNEX "A"**REQUIREMENT**

For the supply, delivery and installation of SolarBee Floating Solar Powered Water Circulators for the Department of National Defence, Canadian Forces Base Suffield, Ralstone, Alberta.

Objective:

To acquire floating solar powered water circulators for water treatment applications. The primary use is to provide circulation to control odor and enhance organic sludge digestion.

Manadatory Product: SolarBee SB Series**Minimum Technical Specifications:****1. Interface**

- Digital solid-state controller, mounted in weather-tight (NEMA 4X) enclosure with externally fused disconnect. SCADA output through RS-232 serial communication (Modbus RTU), DB9 male connection point insider enclosure

2. Measurements

- Size dimension – maximum width 5m, maximum weight 400 kg

3. Construction Materials

- 316 stainless steel and non-corrosion polymer construction
- Foam-filled high-density polyethylene (HDPE) floats
- HDPE strainer
- Concrete mooring blocks are encapsulated in HDPE
- Thermoplastic rubber intake hose
- 40 cm diameter intake hose, anchoring system and bird deterrent

4. Drive System

- High torque, direct drive (no gearbox), low voltage brushless D.C. motor
- 25-year life high efficiency brushless electric motor designed to provide day and night operation with a solar-charged battery power system
- Digital control system for intelligent power management with factory programmed reverse functions and anti-jam routines specific to this application

5. Anchoring

- (1) Two mooring blocks tethered together with SS chain and attached to structural member on unit OR (2) tethered to shore with SS cable

6. Ice Protection

- Freeze sleeve allows shaft to rotate while ice is formed around sleeve

7. Rotating Assembly

- Removable assembly with easy access to motor and digital controller
- Impeller handles 4-inch (10 cm) spherical solids
- Oil-filled (food grade) teflon freeze sleeve with o-rings, shaft
- Rotational indicator on shaft

8. Solar Panels

- 3 x 80-watt photovoltaic solar panels orientated in triangular pattern
- On-board battery storage for day/night operation

9. Electrical Requirements

- Corrosion-resistant industrial cord with molded watertight connectors that are indexed to prevent improper wiring
- Must meet CSA Standards

10. Performance Requirements

- Minimum Operating Depth – 0.8m with fixed horizontal plate. No damage to machine or bottom of reservoir when run dry in shallow water
- Direct Flow Rate – 2650 Liters / minute
- Induced Flow Rate – 16300 Liters / minute
- Combined Flow Rate – 18950 Liters / minute
- 18.9 m3/min (27,200 m3/day) total flow leaving the machine, near-laminar flow output for long-distance circulation

11. Warranty

- Minimum warranty: Expect 25-year life, minimal maintenance
- Limited 2 year parts and labor warranty
- Limited 25 year photovoltaic module manufacturer performance warranty and 10 year motor warranty

Solicitation No. - N° de l'invitation

W0142-14X049/A

Client Ref. No. - N° de réf. du client

DND

Amd. No. - N° de la modif.

File No. - N° du dossier

CAL-3-36112

Buyer ID - Id de l'acheteur

cal125

CCC No./N° CCC - FMS No/ N° VME

ANNEX "B"

BASIS OF PAYMENT

* APPLICABLE TAXES ARE TO BE EXCLUDED FROM THE PRICES QUOTED HEREIN *

* APPLICABLE TAXES WILL BE ADDED AS A SEPARATE ITEM ON THE INVOICE, IF APPLICABLE *

Mandatory Product: SolarBee SB Series

Product Offered:_____

Bidders must provide firm, all-inclusive lot price.

<u>Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Lot Price</u>
Floating Solar Power Water Circulator as per Annex "A" - Requirement	4	\$_____	\$_____
F.O.B. Destination, all inclusive cost to Canadian Forces Base Suffield, Ralston, Alberta			