

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 100,
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6
Bid Fax: (204) 983-0338

**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 Growth Chambers	
Solicitation No. - N° de l'invitation 01634-150268/A	Date 2014-11-27
Client Reference No. - N° de référence du client 01634-150268	
GETS Reference No. - N° de référence de SEAG PW-\$WPG-108-9264	
File No. - N° de dossier WPG-4-37203 (108)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-01-07	
Time Zone Fuseau horaire Central Standard Time CST	
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: Perkins, Bill	Buyer Id - Id de l'acheteur wpg108
Telephone No. - N° de téléphone (204) 983-0275 ()	FAX No. - N° de FAX (204) 983-7796
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF AGRICULTURE AND AGRI-FOOD UNIT 100 101 ROUTE 100 MORDEN Manitoba R6M1Y5 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 - Western
Region
Room 100
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6

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

Solicitation No. - N° de l'invitation

01634-150268/A

Amd. No. - N° de la modif.

File No. - N° du dossier

WPG-4-37203

Buyer ID - Id de l'acheteur

wpg108

CCC No./N° CCC - FMS No/ N° VME

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PART 1 - GENERAL INFORMATION

1.1 Requirement

The requirement is detailed under Article 6.2 of the resulting contract clauses.

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

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>) 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 (2014-09-25) 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: 90 days

2.2 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 facsimile to PWGSC will not be accepted.

2.3 Mandatory Site Visit

It is mandatory that the Bidder or a representative of the Bidder visit the work site. Arrangements have been made for the site visit to be held at Morden Research Centre, 101 Route 100 Morden, MB on Monday, December 15, 2014. The site visit will begin at 10:30 CST, in Room 111 in the main building #72.

Bidders must communicate with the Contracting Authority no later than Thursday, December 11, 2014 to confirm attendance and provide the name(s) of the person(s) who will attend. Bidders will be required to sign an attendance sheet. Bidders should confirm in their bid that they have attended the site visit. Bidders who do not attend the mandatory site visit or do not send a representative will not be given an alternative appointment and their bid will be declared non-responsive. Any clarifications or changes to the bid solicitation resulting from the site visit will be included as an amendment to the bid solicitation.

2.4 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.

2.5 Applicable Laws

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

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

3.1 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

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

3.1.1 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

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

- a) Compliance with meeting all of the mandatory specification requirements, as identified under Annex "A", Requirement.
- b) Compliance with the Basis of Payment, as identified under Annex "B".

4.1.2 Financial Evaluation

SACC Manual Clause A0220T (2014-06-26), Evaluation of Price

4.2 Basis of Selection

- 4.2.1** *SACC Manual* Clause A0031T (2010-08-16), Basis of Selection – Mandatory Technical Criteria

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and 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.

5.1 Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications 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 comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive.

5.1.1 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.

5.1.2 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](#)" 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](#)" list at the time of contract award.

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 this 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>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

2010A (2014-09-25), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before March 31, 2015.

6.5 Authorities

6.5.1 Contracting Authority

Bill Perkins
Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch
Suite 100-167 Lombard Avenue
Winnipeg, MB R3B 0T6

Telephone: (204) 983-0275
Facsimile: (204) 983-7796
E-mail address: bill.perkins@pwgsc.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.

6.5.2 Project Authority

The Project Authority for the Contract is: **TBD**

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: _____

Telephone : _____

Facsimile: _____

E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment - Firm Lot Price

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 the contract 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.

6.6.2 Limitation of Price

SACC Manual clause [C6000C](#) (2011-05-16) Limitation of Price

6.6.3 Single Payment

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

6.6.4 SACC Manual Clauses

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

6.7 Invoicing Instructions

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.

6.8 Certifications

6.8.1 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.

6.9 Applicable Laws

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

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 (2014-09-25) - Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated _____.

6.11 SACC Manual Clauses

A9068C	Government Site Regulations	(2010-01-11)
B1501C	Electrical Equipment	(2006-06-16)
B7500C	Excess Goods	(2006-06-16)
C5201C	Prepaid Transportation Costs	(2008-05-12)
D5328C	Inspection and Acceptance	(2007-11-30)
G1005C	Insurance	(2008-05-12)

ANNEX "A" - REQUIREMENT

Flex Plant Growth Chambers

Agriculture & Agri-Food Canada (AAFC), Morden Research Centre, Morden, MB has a requirement for the supply, delivery, assembly, leveling, and made ready for use, of eight (8) Flex Plant Growth Chambers to support pathology, genomics and breeding research programs. Four (4) of the growth chambers will be in single tier configuration. The other four (4) growth chambers will be in a three tier configuration. Delivery must be completed on or before March 31, 2015.

MANDATORY CRITERIA

Bidders **MUST** record whether they meet (Yes) or not meet (No) the specifications, in order to be deemed compliant, bidders must meet all mandatory criteria listed below.

Bidders **MUST** provide Technical Documentation of the unit being offered and should cross reference where each of the Mandatories below can be found within the documentation.

Failure to meet all the mandatories will result in your bid being deemed non-compliant and it shall not be given any further consideration in the evaluation process.

Item	Mandatory Criteria	Yes	No	Bidders Cross Reference
1	General Specification			
1.1	Existing Technology: The Flex Growth Cabinets shall be new and be the most recent model available.			
1.2	Bidder must be a distributor for the manufacturer, parts and after sales service must be available. Bidders must indicate the name of their nearest parts and service location in their bid document.			
1.3	Bidder must attend a mandatory site visit at the Morden Research Centre, Morden, MB.			
2	Configuration of Growth Cabinet			
2.1	Must have a flexible configuration - single, double and triple tier			
2.2	Growth area: <ul style="list-style-type: none"> • In single tier configuration must not be less than 1.8 sq m • In double tier configuration must not be less than 3.5 sq m • In triple tier configuration must not be less than 5.2 sq m 			
3	Controller			
3.1	The controls of the growth chamber must be compatible with Conviron Central Management and/or Biochambers Vnet at the Morden Research Centre			

4	Temperature			
4.1	Must be designed for a maximum ambient temperature of 35C			
4.2	Must have a range of temp between 4-40C, all lights off and 10-40C with all lights on			
4.3	Must be +/- 0.5 C at sensor (shielded from the lights)			
4.4	Temperature Limits: Must be automatic or set by user. Must have a high and low, and lamp safety temperature limit sensors independent of the main temperature limit.			
4.5	Temperature Sensor: Must have high precision temperature sensor(s)			
5	Lighting			
5.1	Lighting must have T5 fluorescent and halogen incandescent lamps with energy efficient electronic dimmable ballasts			
5.2	Intensity of lights at 20C : Single Tier must be between 1100 and 1150 micromoles/m2/s; Double Tier must be between 500 and 750 micromoles/m2/s for each of the tiers; and Triple Tier must be between 500 and 550 micromoles/m2/s for each of the three tiers.			
5.3	Average light intensity must not decrease lower than 10% of the above listed value throughout the chamber's operating temperature range of 10 C to 40 C lights on.			
5.4	Must have dimmable lighting capacity which can be controlled to a user determined set point			
5.5	Programming: Must be via controller			
5.6	Lamp Heat: Refrigeration system must be sized to remove all heat generated by the lights.			
6	Humidity			
6.1	Humidity Limits: Must be automatic or set by user.			
6.2	Humidity Sensors: Must have a high precision humidity sensor(s).			
7	Refrigeration			
7.1	The refrigeration system must utilize water cooled condensers suitable and compatible for the condenser system design operating up to 26 degrees C at the Morden Research Centre			
8	Airflow			
8.1	Must have uniform air distribution either from floor or horizontally depending on single tier or multi-tier configuration.			
8.2	Fan speed must be adjustable from 60 to 100% from the controller enabling researchers to vary the airflow through the plants.			

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9	Electrical			
9.1	The electrical service must be 208 volt/3 phase power.			
10	Warranty			
10.1	Must be one (1) year parts and labour.			
11	Additional Information			
11.1	Technical Information such as specification sheets, technical brochures, and photographs or illustrations, must be submitted with your proposal at solicitation close, to clearly demonstrate your compliance with the specifications detailed within this solicitation.			
11.2	Acceptance: Inspection and acceptance will be done to the satisfaction of the Designated User or an authorized representative.			
11.3	All eight (8) Growth Chambers must be assembled, put in place, leveled, and made ready for use in the Crop Pathology Phytotron Unit. Attachment to building system to be completed by Agriculture and Agri-Food Canada.			
11.4	All deliverables must be completed on or before March 31, 2015.			

ANNEX "B" - BASIS OF PAYMENT

PRICING must be firm lot pricing in Canadian (CDN) funds, all inclusive for the period of the Contract. Rates MUST include ALL costs (freight and offloading) associated with providing the Goods in accordance with the Requirement at Annex A. GST, if applicable, is to be shown as a separate item on any resulting invoice. (PST Exempt 390516-0)

Item	Description	Qty	Unit of Issue	Unit Price (\$ CDN)	Extended Price (\$ CDN)
1	Single Tier Flex Plant Growth Chamber <u>Lot Price Includes:</u> All Freight, delivery, offloading charges, assembly, leveling, and made ready for use in accordance with Annex A - Requirement.	4	lot	\$	\$
2	Three Tier Flex Plant Growth Chamber <u>Lot Price Includes:</u> All Freight, delivery, offloading charges, assembly, leveling, and made ready for use in accordance with Annex A - Requirement.	4	lot	\$	\$
TOTAL					\$