

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions  
Travaux publics et Services gouvernementaux  
Canada  
PO Box 1408, Room 100  
167 Lombard Ave.  
Winnipeg  
Manitoba  
R3C 2Z1  
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**

|  |   |
|--|---|
| <b>Title - Sujet</b><br>Cage & Rack Glassware Washer   |   |
| <b>Solicitation No. - N° de l'invitation</b><br>6D063-122801/A   | <b>Date</b><br>2012-11-08   |
| <b>Client Reference No. - N° de référence du client</b><br>6D063-122801  |   |
| <b>GETS Reference No. - N° de référence de SEAG</b><br>PW-\$WPG-202-8258   |   |
| <b>File No. - N° de dossier</b><br>WPG-2-35201 (202)   | <b>CCC No./N° CCC - FMS No./N° VME</b>                                    |
| <b>Solicitation Closes - L'invitation prend fin</b><br><b>at - à 02:00 PM</b><br><b>on - le 2012-12-19</b>   | <b>Time Zone</b><br><b>Fuseau horaire</b><br>Central Standard Time<br>CST |
| <b>F.O.B. - F.A.B.</b><br><b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>  |   |
| <b>Address Enquiries to: - Adresser toutes questions à:</b><br>Kozak, Tammy  | <b>Buyer Id - Id de l'acheteur</b><br>wpg202                              |
| <b>Telephone No. - N° de téléphone</b><br>(204) 984-8825 ( )   | <b>FAX No. - N° de FAX</b><br>(204) 983-7796                              |
| <b>Destination - of Goods, Services, and Construction:</b><br><b>Destination - des biens, services et construction:</b><br>PUBLIC HEALTH AGENCY OF CANADA<br>UNIT 41<br>820 BERRY ST<br>WINNIPEG<br>Manitoba<br>R3H1H2<br>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  
PO Box 1408, Room 100  
167 Lombard Ave.  
Winnipeg  
Manitoba  
R3C 2Z1

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

## REQUEST FOR PROPOSAL

### LABORATORY WASHERS

#### TABLE OF CONTENTS

##### **PART 1 - GENERAL INFORMATION**

1. Security Requirement
2. Statement of Work
3. Debriefings

##### **PART 2 - BIDDER INSTRUCTIONS**

1. Standard Instructions, Clauses and Conditions
2. Submission of Bids
3. Enquiries - Bid Solicitation
4. Applicable Laws

##### **PART 3 - BID PREPARATION INSTRUCTIONS**

1. Bid Preparation Instructions

##### **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

1. Evaluation Procedures
2. Basis of Selection

##### **PART 5 - CERTIFICATIONS**

1. Code of conduct Certifications - Consent to a Criminal Record Verification
2. Certifications Precedent to Contract Award

##### **PART 6 - RESULTING CONTRACT CLAUSES**

1. Security Requirement
2. Statement of Work
3. Standard Clauses and Conditions
4. Term of Contract
5. Authorities
6. Payment
7. Invoicing Instructions
8. Certifications
9. Applicable Laws
10. Priority of Documents
11. SACC Manual Clauses

#### **List of Annexes:**

|         |  |
|---------|--|
| Annex A | Statement of Work                                    |
|         | Appendix A1 Compliance Matrix -GLASSWARE WASHER      |
|         | Appendix A2 Compliance Matrix - CAGE AND RACK WASHER |
| Annex B | Basis of Payment                                     |

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## PART 1 - GENERAL INFORMATION

### 1. Security Requirement

There is a security requirement associated with the requirement. For additional information, consult Part 4 - Evaluation Procedures and Basis of Selection, and Part 6 - Resulting Contract Clauses

### 2. Statement of Work

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

### 3. Debriefings

After contract award, bidders may request a debriefing on the results of the bid solicitation. Bidders should make the request to the Contracting Authority within 15 working days of receipt of notification that their bid was unsuccessful. The debriefing may be provided in writing, by telephone or in person.

## PART 2 - BIDDER INSTRUCTIONS

**1** 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 (2012-07-16) 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: NINETY (90) days

The text under Subsection 4 of Section 01 - Code of Conduct and Certifications - Bid of 2003 referenced above is replaced by:

Bidders should provide, with their bid or promptly thereafter, a complete list of names of all individuals who are currently directors of the Bidder. If such a list has not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to provide such a list within the required time frame will render the bid non-responsive. Bidders must always submit the list of directors before contract award.

Canada may, at any time, request that a Bidder provide properly completed and Signed Consent Forms (Consent to a Criminal Record Verification form - PWGSC-TPSGC 229)

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(<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaire-forms-eng.html>) for any or all individuals named in the aforementioned list within a specified delay. Failure to provide such Consent Forms within the delay will result in the bid being declared non-responsive.

The text under Subsection 5 of Section 01 - Code of Conduct and Certifications - Bid of 2003 referenced above is replaced by:

The Bidder must diligently maintain the list up-to-date by informing Canada in writing of any change occurring during the validity period of the bid, and must also provide Canada, when requested, with the corresponding Consent Forms. The Bidder will also be required to diligently maintain the list and when requested, provide Consent Forms during the period of any contract arising from this bid solicitation.

#### 1.1 SACC Manual Clauses

B1000T (2007-11-30), Condition of Material

## 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 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 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 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.

## 5. Mandatory Site Visit

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 Thursday December 06, 2012. Bidders must communicate with the

Solicitation No. - N° de l'invitation

6D063-122801/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

wpg202

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

6D063-122801

File No. - N° du dossier

WPG-2-35201

CCC No./N° CCC - FMS No/ N° VME

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Contracting Authority no later than 3 day(s) 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 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.

**NOTE: ADDITIONAL DETAILS REGARDING THE SITE VISIT WILL BE PROVIDED UPON REGISTERING WITH THE CONTRACTING AUTHORITY.**

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## 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 (1 hard copy)

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>). To assist Canada in reaching its objectives, bidders are encouraged to:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and/or 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 Goods and Services Tax (GST) or Harmonized Sales Tax (HST) must be shown separately, if applicable.

- 1.1 Exchange Rate Fluctuation  
C3011T (2010-01-11), Exchange Rate Fluctuation

#### Section III: Certifications

Bidders must submit the certifications required under Part 5.

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## **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**

- (a) Bidders must have the ability to provide the goods and services as described in Annex "A" .
- (b) Bidders must complete the compliance matrix. Refer to Appendix A1 AND Appendix A2.
- (c) Bidders must attend the mandatory site visit.

#### **1.2 Financial Evaluation**

SACC Manual Clause A0222T (2010-01-11), Evaluation of Price

### **2. Basis of Selection**

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 to be awarded a contract. Canada will declare a bid non-responsive if the required certifications are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

### 1. Code of Conduct Certifications - Certifications Required Precedent to Contract Award

- 1.1** Bidders should provide, with their bid or promptly thereafter, a complete list of names of all individuals who are currently directors of the Bidder. If such a list has not been received by the time the evaluation of bids is completed, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Bidders must submit the list of directors before contract award, failure to provide such a list within the required time frame will render the bid non-responsive.

The Contracting Authority may, at any time, request that a Bidder provide properly completed and Signed Consent Forms (Consent to a Criminal Record Verification form - PWGSC-TPSGC 229) (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>) for any or all individuals named in the aforementioned list within a specified delay. Failure to provide such Consent Forms within the delay will result in the bid being declared non-responsive.

### 2. 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 so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

#### 2.1 Federal Contractors Program - Certification

##### Federal Contractors Program

Suppliers who are subject to the Federal Contractors Program (FCP) and have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive federal government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100 employees. Any bids from ineligible contractors, including a bid from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

(a) ( ) is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;

(b) ( ) is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;

(c) ( ) is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC, having not bid on requirements of \$200,000 or more;

(d) ( ) has not been declared an ineligible contractor by HRSDC, and has a valid certificate number as follows: \_\_\_\_\_.

Further information on the FCP is available on the HRSDC Web site.

## 2.2 Certification

By submitting a bid, the Bidder certifies that the information submitted by the bidder in response to the above requirements is accurate and complete.

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## **PART 6 - RESULTING CONTRACT CLAUSES**

### **1. Security Requirement**

1. The Contractor must, at all times during the performance of the Contract, hold a valid Designated Organization Screening (DOS), issued by the Canadian Industrial Security Di-rectorate (CISD), Public Works and Government Services Canada (PWGSC).
2. The Contractor personnel requiring access to sensitive work site(s) must EACH hold a valid RELIABILITY STATUS, granted or approved by CISD/PWGSC.
3. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of CISD/PWGSC.
4. The Contractor must comply with the provisions of the:
  - (a) Security Requirements Check List and security guide (if applicable), attached at Annex\_\_\_\_;
  - (b) Industrial Security Manual (Latest Edition).

### **2. Statement of Work**

The Contractor must provide the goods and perform the full scope of work as detailed in "Statement of Work" 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>)(<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

#### **3.1 General Conditions**

2010A (2012-07-16), General Conditions - Goods (Medium Complexity) apply to and form part of the Contract.

#### **3.2 Supplemental General Conditions**

- 4001 (2010-08-16), Hardware Purchase, Lease and Maintenance
- 4003 (2010-08-16), Licensed Software.
- 4004 (2010-08-16), Maintenance and Support Services for Licensed Software

### **4. Term of Contract**

Delivery must be made complete including, installation, training and acceptance by March 31, 2013.

Solicitation No. - N° de l'invitation

6D063-122801/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

wpg202

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

6D063-122801

File No. - N° du dossier

WPG-2-35201

CCC No./N° CCC - FMS No/ N° VME

## 5. Authorities

### 5.1 Contracting Authority

The Contracting Authority for the Contract is:

Tammy Kozak  
Supply Specialist  
Public Works and Government Services Canada  
Acquisitions Branch  
100-167 Lombard Avenue  
Winnipeg, Manitoba R3C 2Z1

Telephone: 204-984-8825  
Facsimile: 204-983-7796  
E-mail address: tammy.kozak@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 Technical Authority

The Technical Authority for the Contract is:

Name: \_\_\_\_\_ TO BE DETERMINED AT CONTRACT AWARD \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_

Telephone : \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

The Technical Authority named above 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 Technical Authority, however the Technical 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: \_\_\_\_\_

Telephone : \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

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## 6. Payment

### 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 Annex B for a cost of \$ \_\_\_ TO BE DETERMINED AT CONTRACT AWARD\_\_\_\_\_. Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

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 (2007-05-25) Limitation of Price

### 6.3 Single Payments

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

### 6.4 SACC Manual Clauses

A9117C (2007-11-30), T1204 - Direct Request by Customer Department

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

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

## 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.

## 8. Certifications

Compliance with the certifications 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 or 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 \_\_\_TO BE DETERMINED AT CONTRACT AWARD\_\_\_\_\_.

## 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;

Solicitation No. - N° de l'invitation

6D063-122801/A

Amd. No. - N° de la modif.

File No. - N° du dossier

WPG-2-35201

Buyer ID - Id de l'acheteur

wpg202

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

6D063-122801

CCC No./N° CCC - FMS No/ N° VME

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- (b) the supplement general conditions 4001 (2010-08-16), Hardware Purchase, Lease and Maintenance
  - (c) the supplement general conditions 4003 (2010-08-16), Licensed Software.
  - (d) the supplement general conditions 4004 (2010-08-16), Maintenance and Support Services for Licensed Software
  - (e) 2010A General Conditions (2012-07-16) - Goods (Medium Complexity);
  - (f) Annex A, Statement of Work;
  - (g) Annex B, Basis of Payment;
  - (h) the Contractor's bid dated \_\_\_\_\_

#### **11. SACC Manual Clauses**

A9068C (2010-01-11), Government Site Regulations

B7500C (2006-06-16), Excess Goods

G1005C (2008-05-12), Insurance

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**ANNEX "A"****STATEMENT OF WORK****1. GLASSWARE WASHER**

For the supply and delivery installation of one (1) Glassware Washer and all ancillary parts and materials needed to provide for a complete installation. The Glassware Washer will be used for cleaning of laboratory and vivarium glassware. The Glassware Washer must be compliant with the mandatory technical specifications. Supply, delivery and installation to be performed at the Canadian Science Centre for Human and Animal Health (CSCHAH), 1015 Arlington Street, Winnipeg, Manitoba, Canada.

**See Appendix A1 - COMPLIANCE MATRIX** - GLASSWARE WASHER - attached as a PDF document.

**2. CAGE AND RACK WASHER**

For the supply and delivery of a Cage and Rack Washer and all ancillary parts and materials need to provide for a complete installation. The Cage and Rack Washer must be a high capacity and efficiency power door pass through type washer system designed for superior cleaning of animal caging and racks used in vivarium facility. The Cage and Rack Washer must be compliant with the mandatory technical specifications. Supply, delivery and installation to be performed at the Canadian Science Centre for Human and Animal Health (CSCHAH), 1015 Arlington Street, Winnipeg, Manitoba, Canada.

**See Appendix A2 - COMPLIANCE MATRIX** - CAGE AND RACK WASHER - attached as a PDF document.

**ANNEX "B"****BASIS OF PAYMENT**

When completed the Tables below will be considered as the Bidder's Financial Bid.

Bidders must complete the Basis of Payment in accordance with the following:

1. Provide pricing for BOTH the Glassware Washer and the Cage and Rack Washer..
2. PRICING must be firm unit pricing, 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 Statement of Work at Annex A.
3. GST, if applicable, is to be shown as a separate item on any resulting invoice.

| <b>Firm Lot pricing, GST extra</b> |   |                  |                      |                   |
|------------------------------------|---|------------------|----------------------|-------------------|
| <b>Item .</b>                      | <b>Description</b>  | <b>Est'd Qnt</b> | <b>Unit of Issue</b> | <b>Unit Price</b> |
| 1                                  | GLASSWARE WASHER -in accordance with the Statement of Work at Annex A, including Appendix A1.<br><br><u>Lot Price Includes:</u><br>All Freight, delivery, offloading charges, installation and training and travel.     | 1                | LOT                  | \$                |
| 2                                  | CAGE AND RACK WASHER -in accordance with the Statement of Work at Annex A, including Appendix A1.<br><br><u>Lot Price Includes:</u><br>All Freight, delivery, offloading charges, installation and training and travel. | 1                | LOT                  | \$                |
| <b>3</b>                           | <b>TOTAL for evaluation</b>   |                  |                      | \$                |

## APPENDIX A2 – COMPLIANCE MATRIX - Cage and Rack Washer Specification Schedule

For the supply and delivery of a Cage and Rack Washer and all ancillary parts and materials need to provide for a complete installation. The Cage and Rack Washer must be a high capacity and efficiency power door pass through type washer system designed for superior cleaning of animal caging and racks used in vivarium facility. The Cage and Rack Washer must be compliant with the mandatory technical specifications. Supply, delivery and installation to be performed at the Canadian Science Centre for Human and Animal Health (CSCAH), 1015 Arlington Street, Winnipeg, Manitoba, Canada.

### **INSTRUCTIONS**

*Bidders MUST indicate if they MEET or DO NOT MEET each item below. Failure to meet the mandatory requirements will result in your proposal being deemed non-responsive, and be given no further consideration in the evaluation process.*

*Bidders are REQUESTED to provide supporting documentation to demonstrate compliance with the specifications below.*

***Bidders are REQUESTED to provide the MODEL NUMBER offered: -----***

| Item | Specification Requirements   | MEETS COMPLIANT |    | Bidder Cross Reference   |
|------|--|-----------------|----|--|
|      |  | Yes             | No |  |
| 1.   | Overall Unit Size: (APPROXIMATE):<br>2860mm x 3000mm x 2600mm basis<br><br>Chamber Size: (APPROXIMATE): 1170mm x 2200mm x 2200mm basis<br>Vendor is required to take final measurements AT SITE VISIT and to complete any modifications to the unit necessary to ensure it can fit the assigned area with adequate service clearances. |                 |    | Bidders are to cross reference where the technical specification is indicated in their brochure and/or technical data sheet. |
| 2.   | Cage and Rack Washer must be designed for optimal operation with building utility specs as   |                 |    |  |

|     |  |  |  |  |
|-----|--|--|--|--|
|     | follows: Medium pressure steam - nominal 414 kPa. Electrical - 120V1ph 208V3ph   |  |  |  |
| 3.  | Cage and Rack Washer and all its electrical components must have CSA certification at time of bid closing  |  |  |  |
| 4.  | Cage and Rack Washer must have built in monitoring system that automatically controls all process operations and functions, including emergency stop button and cable.   |  |  |  |
| 5.  | Wet side internal casing and fabricated parts must be 316 stainless steel, wearing parts may be bronze, exterior frame nad panels shall be 304 or 316 stainless steel.   |  |  |  |
| 6.  | Cage and Rack Washer must have interlocked doors as well as chamber guardrails with adjustable height.   |  |  |  |
| 7.  | Cage and Rack Washer door must have door safety features; door must be operable manually in emergency or power failure.  |  |  |  |
| 8.  | Cage and Rack Washer must be equipped with manifold docking system to accommodate multi-level manifold wash carts. Chamber dimension must allow washing of cages as well as vented racks.  |  |  |  |
| 9.  | The system must have control of water intake for water conservation.   |  |  |  |
| 10. | The system must have approved and certified sanitary tri-clamp fittings (for all stainless steel piping connections, spray manifolds, etc.) with removable floor grates and removable filters.   |  |  |  |
| 11. | Cage and Rack Washer must contain non-fusible electrical disconnect switch and secondary electrical transformer.   |  |  |  |
| 12. | The system must be capable of cleaning large cages and racks; 360 degrees water spray or vertical oscillating spray manifolds system; spray manifolds system must be removable for cleaning.   |  |  |  |
| 13. | Cage and Rack Washer must have automatic Floor / Cart Tilt System.   |  |  |  |
| 14. | Cage and Rack Washer must have automatic sliding floor transition plates for operation efficiency  |  |  |  |
| 15. | Cage and Rack Washer must be shallow sump design (6" deep pit, dimensions indicated on reference drawings).  |  |  |  |
| 16. | Cage and Rack Washer must have operator interactive control panel with option for programming various washing cycles (minimum 15 programmable cycles); Password protected, including printer with cycle documentation and summary. Fault messages must be displayed with audible alarms. |  |  |  |
| 17. | Cage and Rack Washer must have primary gross debris and secondary automatic self cleaning fine debris filter system.   |  |  |  |
| 18. | Automatic chemical dispensing system with minimum 2 optionally 3 or 4 peristaltic chemical closing pumps. The pumps must be self priming and closing levels controlled by cycle parameters.  |  |  |  |
| 19. | Cage and Rack Washer must have integrated system for HEPA filtered air for drying cycle.   |  |  |  |

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| 20. | Maximum effluent discharge temperature 50° C with energy shutdown in case of failure of cooling water supply   |  |  |  |
| 21. | System must have built in and programmable minimum and maximum temperature through the entire wash/rinse and dry cycle. Guaranteed minimal 88° C final rinse temperature.            |  |  |  |
| 22. | Training: 1 day on site training to accommodate up to 10 people on use and operation of unit   |  |  |  |
| 23. | Technical Support: Documentation and access to personnel to resolve technical problems and answer enquiries via phone or email during regular office hours of 8:00-4:00 or 9:00-5:00 |  |  |  |

**APPENDIX A1 - COMPLIANCE MATRIX :**

**GLASSWARE WASHER**

For the supply and delivery installation of one (1) Glassware Washer and all ancillary parts and materials needed to provide for a complete installation. The Glassware Washer will be used for cleaning of laboratory and vivarium glassware. The Glassware Washer must be compliant with the mandatory technical specifications. Supply, delivery and installation to be performed at the Canadian Science Centre for Human and Animal Health (CSCHAH), 1015 Arlington Street, Winnipeg, Manitoba, Canada.

**INSTRUCTIONS**

*Bidders MUST indicate if they MEET or DO NOT MEET each item below. Failure to meet the mandatory requirements will result in your proposal being deemed non-responsive, and be given no further consideration in the evaluation process.*

Bidders are REQUESTED to provide supporting documentation to demonstrate compliance with the specifications below.

**Bidders are REQUESTED to provide the MODEL NUMBER offered:** -----

| Item | Specification Requirements                                     | Specified Criteria   | MEETS Compliance |    | Bidder Cross Reference  |
|------|--|--|------------------|----|---|
|      |  |  | Yes              | No |   |
| 1.   | Outside dimensions (APPROXIMATE):<br>1110mm W 1870mm H 990mm D | Vendor is required to take final measurements AT SITE VISIT and to complete any modifications to the unit necessary to ensure it can fit the assigned area with adequate service clearances. |                  |    | Bidders are to cross reference where the technical specification is indicated in their brochure and/or technical data sheet.<br><br># 1 & #2 are the basic sizes required for the unit. |

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| 2.  | Chamber Size (APPROXIMATE):<br>665mm W x 667mm H x 720mm D | Vendor is required to take final measurements AT SITE VISIT and to complete any modifications to the unit necessary to ensure it can fit the assigned area with adequate service clearances. |  |  |
| 3.  | Wet side internal casing and fabricated parts              | Wet side internal casing and fabricated parts must be 316 stainless steel, wearing parts may be bronze, exterior frame and panels must be 304 or 316 stainless steel.                        |  |  |
| 4.  | Number of Doors  | Two (2) Pass through   |  |  |
| 5.  | Doors: auto / manual                                       | Power operated, double door with tempered glass window with interlock control  |  |  |
| 6.  | Cross Contamination Controls                               | Required. No carryover between cycle phases  |  |  |
| 7.  | Full Fascia Cabinet Units                                  | 304 Stainless Steel  |  |  |
| 8.  | Feed Water Source  | Domestic Hot and Cold Water  |  |  |
| 9.  | Purified Water Rinse                                       | Non-recirculated rinse. Purified water pump must bring non-pressurized purified water from a feed tank into the washer's tank  |  |  |
| 10. | Processing Cycles  | minimum of 6 pre-programmed and 2 user programmed cycles   |  |  |
| 11. | Chemical Pumps   | Minimum 3 required with low level sensors  |  |  |
| 12. | HEPA-filtered forced air drying                            | Required   |  |  |
| 13. | Max Effluent Discharge Temperature                         | Maximum 50 <sup>o</sup> C with energy shutdown in case of failure of cooling water supply.   |  |  |
| 14. | Heating Source   | Facility steam supply  |  |  |
| 15. | Printer  | Required (on clean side)   |  |  |
| 16. | Digital Display (cycles / temp)                            | Must display program, temperature and cycle time   |  |  |
| 17. | Temperature Load Probe                                     | Required inside chamber to verify disinfection   |  |  |
| 18. | Pressure Monitoring  | Differential pressure monitoring of HEPA filter required   |  |  |

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| 19. | Test port for water analysis                     | Required   |  |  |  |
| 20. | Computer Linked                                  | Required   |  |  |  |
| 21. | Alarms   | Must be visual with switchable audible   |  |  |  |
| 22. | Safety Features                                  | Control panels lockable to prevent unauthorized access.<br>Key or access code on doors to prevent operation with door opened   |  |  |  |
| 23. | Power Failure / Recovery Systems:                | The washer fails to a safe state after power failure. Supply valves must fail closed, all motion must cease and motion should not resume without operator interaction.<br>An internal battery maintains cycle memory to allow completion of a cycle after power failure. |  |  |  |
| 24. | Insulation                                       | Provide insulation of panels and components as necessary to ensure maximum operator noise levels not to exceed 70 dB when measured 3 feet above the floor and 3 feet away from the equipment   |  |  |  |
| 25. | Service and Warranty Criteria                    | Service and parts available onsite within 24 hours notice. All service and parts on 100% warranty for the 1 <sup>st</sup> year following commission.   |  |  |  |
| 26. | Installation and Training                        | Bidder must provide 1 day on site training to accommodate up to 10 people on use and operation of unit   |  |  |  |
| 27. | Documentation                                    | Operating instructions – English and French, hardcopy and electronic. Service manuals complete with circuit diagrams for all components  |  |  |  |
| 28. | Unit offered must be CSA approved at bid closing |  |  |  |  |
| 29. | Technical Support -                              | Documentation and access to personnel to resolve technical problems and answer enquiries via phone or email during regular office hours of 8:00-4:00 or 9:00-5:00  |  |  |  |