



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

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

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Public Works and Government Services Canada
Ontario Region
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5

Title - Sujet Reverse Osmosis System	
Solicitation No. - N° de l'invitation 21421-195052/A	Date 2018-11-30
Client Reference No. - N° de référence du client 21421-195052	
GETS Reference No. - N° de référence de SEAG PW-\$TOR-201-7662	
File No. - N° de dossier TOR-8-41101 (201)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-01-15	Time Zone Fuseau horaire Eastern Standard Time EST
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: Ramnarine, Vashti	Buyer Id - Id de l'acheteur tor201
Telephone No. - N° de téléphone (905) 615-2419 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: CORRECTIONAL SERVICE OF CANADA Bath Institution 5775 Bath Road - Highway 33 Bath Ontario K0H1G0 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

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

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PART 1 - GENERAL INFORMATION

1.1 Statement of Work

The Work to be performed 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.

1.3 Trade Agreements

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

1.4 epost Connect service

"This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information."

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) (<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](#) (2018-05-22) 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 the Public Works and Government Services Canada (PWGSC) Bid Receiving Unit specified below by the date and time indicated on page 1 of the bid solicitation:

Courier/Post: Bid Receiving Unit – PWGSC Ontario Region
33 City Center Drive, Suite 480C
Mississauga ON L5B 2N5

epost: TPSGC.orreceptiondessoumissions-orbidreceiving.PWGSC@tpsgc-pwgsc.gc.ca
(Bids will be not be accepted if emailed directly to this email address. This email is to initiate an ePost Connect conversation, as detailed in the Standard Instructions)

Bid Fax: 905-615-2095

2.3 Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have 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 comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the [Financial Administration Act](#), R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- a. an individual;
- b. an individual who has incorporated;
- c. a partnership made of former public servants; or
- d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the [Public Service Superannuation Act](#) (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the [Supplementary Retirement Benefits Act](#), R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the [Canadian Forces Superannuation Act](#), R.S., 1985, c. C-17, the [Defence Services Pension Continuation Act](#), 1970, c. D-3, the [Royal Canadian Mounted Police Pension Continuation Act](#), 1970, c. R-10, and the [Royal Canadian Mounted Police Superannuation Act](#), R.S., 1985, c. R-11, the [Members of Parliament Retiring Allowances Act](#), R.S. 1985, c. M-5, and that portion of pension payable to the [Canada Pension Plan Act](#), R.S., 1985, c. C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes () No ()**

If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:

- a. name of former public servant;
- b. date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with [Contracting Policy Notice: 2012-2](#) and the [Guidelines on the Proactive Disclosure of Contracts](#).

Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes () No ()**

If so, the Bidder must provide the following information:

- a. name of former public servant;
- b. conditions of the lump sum payment incentive;

- c. date of termination of employment;
- d. amount of lump sum payment;
- e. rate of pay on which lump sum payment is based;
- f. period of lump sum payment including start date, end date and number of weeks;
- g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.

2.4 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 10 calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the 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 Ontario.

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

2.6 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:

Bath Institution – 5775 Bath Road, Bath Ontario K0H 1G0 on 17 December 2018. The site visit will begin at **11:30 EST.**

Bidders must communicate with the Contracting Authority no later than the start of the meeting 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

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. Bidders must provide their bid in a single transmission. The epost Connect service has the capacity to receive multiple documents, up to 1GB per individual attachment.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid
Section II: Financial Bid
Section III: Certifications
Section IV: Additional Information

If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its 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)
- Section IV: Additional Information (1 hard copy)

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the hard copy will have priority over the wording of the soft 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 hard copy 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 (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). 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.

3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "1" to Part 3 of the Bid Solicitation - Electronic Payment Instruments, to identify which ones are accepted.

If Annex "1" to Part 3 of the Bid Solicitation - Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

C3011T (2013-11-06), Exchange Rate Fluctuation

Section III: Certifications

Bidders must submit the certifications and additional information 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

See Annex "C" Evaluation Criteria

It is mandatory to provide the technical / descriptive documents of the product that you are offering (e.g. drawing, data sheet, sketch, etc.) or a description to allow its technical evaluation. Failure to comply will render your bid non responsive. You must demonstrate in your technical submission that your product is compliant with every characteristics mentioned in Annex C, Evaluation Criteria.

4.1.2 Financial Evaluation

Total financial evaluation: Sum of prices for items 1 to 4 of Annex B

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

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included.

4.2 Basis of Selection

4.2.1 Basis of Selection - Mandatory Technical Criteria

SACC Manual Clause A0031T (2010-08-16), 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 AND ADDITIONAL INFORMATION

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

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, 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 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 will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information 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 provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real procurement agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 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 available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/canada/esdc/labour) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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 the Contract.

6.2 Statement of Work

The Contractor must perform the Work in accordance with 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) (<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](#) (2018-06-21), General Conditions - Goods (Medium Complexity) apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from date of Contract to 31 March 2020

6.4.2 Delivery Date

All the deliverables must be received on or before 31 March 2019

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Vashti Ramnarine
Title: Supply Officer
Public Works and Government Services Canada
Acquisitions Branch
Address: 33 City Centre Drive, Suite 480C
Mississauga, ON L5B 2N5
Telephone: 905-615-2419
Facsimile: 905-615-2060
E-mail address: Vashti.ramnarine@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.

6.5.2 Project Authority

The Project Authority for the Contract is: **To be filled in at Contract award**

Solicitation No. - N° de l'invitation
21421-195052/001/TOR
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
TOR201
CCC No./N° CCC - FMS No./N° VME

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone No. _____
Facsimile No. _____
E-mail address: _____

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone No. _____
Facsimile No. _____
E-mail address: _____

6.6 Proactive Disclosure of Contracts with Former Public Servants

By providing information on its status, with respect to being a former public servant in receipt of a [Public Service Superannuation Act](#) (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with [Contracting Policy Notice: 2012-2](#) of the Treasury Board Secretariat of Canada.

6.7 Payment

6.7.1 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 *firm lot prices, as specified in Annex "B" for a cost of **\$ To be filled in at Contract award.***

Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.7.2 Limitation of Price

SACC Manual clause C6000C (2017-08-17) Limitation of Price

6.7.3 Single Payment

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

6.7.4 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;

- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

6.8 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.
 - b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.9 Certifications and Additional Information

6.9.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.10 Applicable Laws

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

6.11 Priority of Documents

If there is a discrepancy between the wordings 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 (2018-06-21), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment
- (e) the Contractor's bid dated _____, 2018 **To be filled in at Contract award**

6.12 SACC Manual Clauses

SACC Manual clause A9068C (2010-01-11), Government Site Regulations

SACC Manual clause B1501C (2018-06-21), Electrical Equipment

SACC Manual clause G1005C (2016-01-28), Insurance - No Specific Requirement

ANNEX "A"

REQUIREMENT

Title: REVERSE OSMOSIS SYSTEM

For the supply and installation of (2) Reverse Osmosis (RO) systems to support FOUR (4) dialysis machines for Correctional Service of Canada, Bath Ontario, Canada
The units must be delivered and installed on or before 31 March 2019

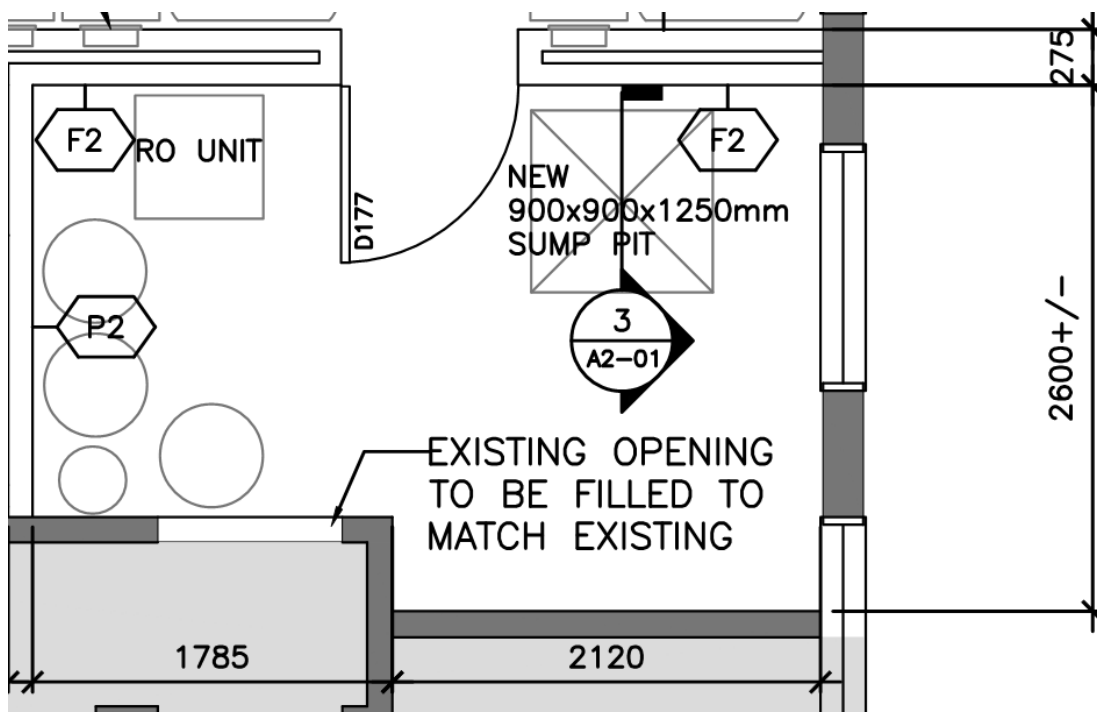
The contractor must remove the current RO water system at the Mill haven Penitentiary, which also includes installation and commissioning of the system at the Bath Institution.

Installation at the Bath facility will include the installation of a re-circulating loop (flexible tubing) for delivery to FOUR (4) dialysis beds and return to the reverse osmosis system.
Installation will include start up, disinfection and final product water testing

All Installation must comply with Health Canada specifications for medical devices

Correctional Service of Canada will be responsible to provide a dedicated 115 volt 20 amp receptacle for electrical hook up. Correctional Service of Canada will be responsible to provide adequate drain facilities (currently installed, see diagram below)

LIMITATION: Room Size and water flow
UNIT SPECS: TIME & FLOW
PIPING: PVC PBA FREE



1. Equipment must be compliant with:

Canadian Standards Association (CSA) CAN/CSA-Z23500-12-Guidance for the preparation and quality management of fluids for hemodialysis and related therapies,

Canadian Standards Association, March 2012. CAN/CSA-ISO 13959-11-Water for hemodialysis and related therapies (Adopted ISO 13959: 2009, 2nd edition, 2009-04-15),

Canadian Standards Association, 2011. CAN/CSA-ISO 26722-11-Water treatment equipment for hemodialysis applications and related therapies (Adopted ISO 26722:2009, First edition, 2009-04-15), Canadian Standards Association, 2011.

CAN/CSA-ISO 11663-11 - Quality of dialysis fluid for hemodialysis and related therapies (Adopted ISO 11663:2009, First edition, 2009-04-15),

Canadian Standards Association, 2011. CAN/CSA-ISO 26722-11 - Water treatment equipment for hemodialysis applications and related therapies (Adopted ISO 26722:2009, First edition, 2009-04-15)

2. DELIVERABLES

2.1. Operating manuals

The operating manuals are to be provided in English/French for the Reverse Osmosis Unit.

2.2. Delivery / Installation

The reverse osmosis unit are to be delivered and installed at:
CSC – Kingston, Ontario

2.3. Warranty

A minimum “part and labour” warranty of 24 months is required the reverse osmosis unit.

2.4. Working language

The supplier must deliver all services in English.

3. Equipment must be compliant with the following:

Requirements: Pre-Treatment Water	The equipment must meet the following minimum criteria	Comments
Minimum supply flow capacity	20 l/m	
Must have Back flow prevention	Yes	
Temperature Controlled	Yes	Blending valve, water heater, etc. with bypass for ease of service
Pressure controlled	Yes	Booster pumps, PRV, etc. with bypass for ease of service
Media sediment filter with auto backwash	5 micron	cold feed water ; with bypass for ease of service
Sediment filter	5 micron	hot feed water ; with bypass for ease of service

Softening	Yes	Less than 30 ppm @ flow capacity, with bypass for ease of service
Carbon tanks with auto backwash	Yes	EBCT=10 min. @ flow capacity, with bypass for ease of service
Pre-filter	1 micron	located post pre -treatment and pre RO; with bypass for ease of service
Requirements: RO Units		Comments
Number of RO machines:	2	Both RO operational and connected to the loop, one redundant RO as backup, will work alternate days.
Capacity (# of dialysis stations to feed) (for each RO)	4	Max. # of HD machines to supply
Permeate flow (for each RO)	Minimum 5 l/min	at + 10 °C feed water
Salts rejection >95%	>95%	Retention of inorganic contaminants
Recovery rate	>50%	
Bacteria and endotoxins Rejection	> 99%	
Programmable automatic Heat Disinfection	Yes	Mandatory, RO + Loop heat disinfection.
Chemical Disinfection	Yes	Recommended chemical and frequency for disinfection
Requirements: RO water Distribution Loop		Comments
Access points	4	Number of dialysis stations connections
Heat Disinfection w/ machines feed option	Yes	Integrated heat disinfection with RO
		When consumption is maximum fluid movement in non-operating times to minimize microbial growth
Minimum flow velocity	1 m/s	
Loop design with no dead zones	Yes	SS or medical grade PEX; With loop return recovery

ANNEX "B"

BASIS OF PAYMENT

Firm lot prices, all inclusive, in Canadian funds, Delivered Duty Paid "DDP". All prices include Canadian customs duties and excise taxes as applicable and Taxes Extra.

Item	Description	Quantity	Price (taxes extra)
1	Reverse Osmosis Unit in accordance with Annex A Make: _____ Model: _____	2	\$ _____
2	24 month warranty	1	\$ _____
3	Delivery	1	\$ _____
4	Installation	1	\$ _____
	Total (applicable taxes extra)		\$ _____

ANNEX "C"

EVALUATION CRITERIA

It is mandatory to provide the technical / descriptive documents of the product that you are offering (e.g. drawing, data sheet, sketch, etc.) or a description to allow its technical evaluation. Failure to comply will render your bid non responsive. You must demonstrate in your technical submission that your product is compliant with every characteristics listed below.

Mandatory Technical Criteria

1.0

The bidder must attend the mandatory site visit	YES/NO
Equipment must be compliant with the following:	(Identify page number in your proposal where the information can be found)
<p>Canadian Standards Association (CSA) CAN/CSA-Z23500-12-Guidance for the preparation and quality management of fluids for hemodialysis and related therapies,</p> <p>Canadian Standards Association, March 2012. CAN/CSA-ISO 13959-11-Water for hemodialysis and related therapies (Adopted ISO 13959: 2009, 2nd edition, 2009-04-15),</p> <p>Canadian Standards Association, 2011. CAN/CSA-ISO 26722-11-Water treatment equipment for hemodialysis applications and related therapies (Adopted ISO 26722:2009, First edition, 2009-04-15), Canadian Standards Association, 2011.</p> <p>CAN/CSA-ISO 11663-11 - Quality of dialysis fluid for hemodialysis and related therapies (Adopted ISO 11663:2009, First edition, 2009-04-15), Canadian Standards Association, 2011. CAN/CSA-ISO 26722-11 - Water treatment equipment for hemodialysis applications and related therapies (Adopted ISO 26722:2009, First edition, 2009-04-15)</p>	

2.0

Requirements: Pre-Treatment Water	The equipment must meet the following minimum criteria	Comments	(Identify page number in your proposal where the information can be found)
Minimum supply flow capacity	20 l/m		
Must have Back flow prevention	Yes		
Temperature Controlled	Yes	Blending valve, water heater, etc. with bypass for ease of service	
Pressure controlled	Yes	Booster pumps, PRV, etc. with bypass for ease of service	
Media sediment filter with auto backwash	5 micron	cold feed water ; with bypass for ease of service	
Sediment filter	5 micron	hot feed water ; with bypass for ease of service	

Softening	Yes	Less than 30 ppm @ flow capacity, with bypass for ease of service	
Carbon tanks with auto backwash	Yes	EBCT=10 min. @ flow capacity, with bypass for ease of service	
Pre-filter	1 micron	located post pre -treatment and pre RO; with bypass for ease of service	
Requirements: RO Units		Comments	
Number of RO machines:	2	Both RO operational and connected to the loop, one redundant RO as backup, will work alternate days.	
Capacity (# of dialysis stations to feed) (for each RO)	4	Max. # of HD machines to supply	
Permeate flow (for each RO)	Minimum 5 l/min	at + 10 °C feed water	
Salts rejection >95%	>95%	Retention of inorganic contaminants	
Recovery rate	>50%		
Bacteria and endotoxins Rejection	> 99%		
Programmable automatic Heat Disinfection	Yes	Mandatory, RO + Loop heat disinfection.	
Chemical Disinfection	Yes	Recommended chemical and frequency for disinfection	
Requirements: RO water Distribution Loop		Comments	
Access points	4	Number of dialysis stations connections	
Heat Disinfection w/ machines feed option	Yes	Integrated heat disinfection with RO	
Minimum flow velocity	1 m/s	When consumption is maximum fluid movement in non-operating times to minimize microbial growth	
Loop design with no dead zones	Yes	SS or medical grade PEX; With loop return recovery	

Solicitation No. - N° de l'invitation
21421-195052/001/TOR
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
TOR201
CCC No./N° CCC - FMS No./N° VME

ANNEX “1” to PART 3 OF THE BID SOLICITATION - ELECTRONIC PAYMENT INSTRUMENTS

The Bidder accepts any of the following Electronic Payment Instrument(s):

- ☐ VISA Acquisition Card;
- ☐ MasterCard Acquisition Card;
- ☐ Direct Deposit (Domestic and International);
- ☐ Electronic Data Interchange (EDI);
- ☐ Wire Transfer (International Only);
- ☐ Large Value Transfer System (LVTS) (Over \$25M)