



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Travaux publics et Services gouvernementaux
Canada
Place Bonaventure, portail Sud-Est
800, rue de La Gauchetière Ouest
7 ième étage
Montréal
Québec
H5A 1L6
FAX pour soumissions: (514) 496-3822

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

Travaux publics et Services gouvernementaux Canada
Place Bonaventure, portail Sud-Est
800, rue de La Gauchetière Ouest
7 ième étage
Montréal
Québec
H5A 1L6

Title - Sujet Système de filtration	
Solicitation No. - N° de l'invitation W1985-165506/C	Date 2016-05-11
Client Reference No. - N° de référence du client W1985-165506	
GETS Reference No. - N° de référence de SEAG PW-\$MTA-380-13860	
File No. - N° de dossier MTA-5-38215 (380)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-06-07	
Time Zone Fuseau horaire Heure Avancée de l'Est HAE	
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: Robichaud, Louis-G. a.	Buyer Id - Id de l'acheteur mta380
Telephone No. - N° de téléphone (514) 496-3842 ()	FAX No. - N° de FAX (514) 496-3822
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: MINISTERE DE LA DEFENSE NATIONALE 202 Dépôt d'atelier-Bât 10 Sud-Fet Réc. Commerciale 6769 Notre Dame Est Montréal, Québec H1N2E9 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée .	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



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM		Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	Système de filtration bassin Water jet	W1985	W1985	1	EA	\$		XXXXXXXXXXXX		
2	Système de filtration	W1985	W1985	1	EA	\$		XXXXXXXXXXXX		
3	Système de filtration	W1985	W1985	1	EA	\$		XXXXXXXXXXXX		

This request for standing offers (RFSO) cancels and supersedes previous RFSO number W1985-165506/A dated December 22, 2015 with a closing of January 25, 2016 at 2:00 PM.

All documents sent for W1985-15506/A will not be taken in consideration for W1985-165506/B

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mta380
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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement applicable to this requirement.

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1.2 Requirement

The requirement is detailed under Annex A "Requirement" of the resulting contract clauses.

1.3 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 Trade Agreements

This requirement is subject to the provisions of the following trade agreements:

- North American Free Trade Agreement (NAFTA)
- Agreement on Internal Trade (AIT).

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](#) (2016-04-04) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.1.1 SACC Manual Clauses

[B3000T](#) (2006-06-16), Equivalent products

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.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (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.

2.4 Applicable Laws

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

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: two (2) hard copies

Section II: Financial Bid: one (1) hard copy

Section III: Certifications: one (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

3.1.2 SACC Manual Clauses

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

Annex B "Mandatory Technical Criteria"

4.1.2 Financial Evaluation

1. The price of the bid will be evaluated as follows:
 - a. Canadian-based bidders must submit firm prices, Canadian customs duties and excise taxes included, and Applicable Taxes excluded.
 - b. foreign-based bidders must submit firm prices, Canadian customs duties, excise taxes and Applicable Taxes excluded. Canadian customs duties and excise taxes payable by Canada will be added, for evaluation purposes only, to the prices submitted by foreign-based bidders.
2. Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.
3. Although Canada reserves the right to award the Contract either on an FOB plant or FOB destination, Canada requests that bidders provide prices FOB their plant or shipping point and FOB destination. Bids will be assessed on an FOB destination basis.
4. For the purpose of the bid solicitation, bidders with an address in Canada are considered Canadian-based bidders and bidders with an address outside of Canada are considered foreign-based bidders.

4.2 Basis of Selection

4.2.1 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. 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 Declaration of Convicted Offences

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed [Declaration Form](http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-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 – List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development Canada \(ESDC\) - Labour's](#) website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" 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) (<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](#) (2016-04-04), 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

6.4.1 Delivery Date

While delivery is requested by July 31, 2016, the best delivery that could be offered is _____.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Louis-Georges Robichaud
Supply specialist
Public Works and Government Services Canada
Acquisitions Branch
800 de la Gauchetière Street West, Suite 7300, Montreal (Quebec), H5A 1L6

Telephone: (514) 496-3842
Facsimile: (514) 496-3822
E-mail address: Louis-georges.robichaud@tpsgc-pwgsc.gc.ca

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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 Technical Authority

The Technical Authority for the Contract is:

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

Telephone : _____
Facsimile: _____
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 : _____
Facsimile: _____
E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price as specified in the contract for a cost of \$ _____. 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

Canada will pay the Contractor upon completion and delivery of the Work in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada;
- c. the Work delivered has been accepted by Canada.

6.6.4 SACC Manual Clauses

SACC Manual Clause [C2000C](#) (2007-11-30),

6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - 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.
 - c. one (1) copy must be forwarded to the consignee.

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 additional 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 additional 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 _____.

6.10 Priority of Documents

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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](#) (2016-04-04), General Conditions – Goods (medium complexity);
- (d) Annex A, Requirement;
- (e) the Contractor's bid dated _____.

6.11 SACC Manual Clauses

[A9062C](#) (2011-05-16), Canadian Forces Site Regulations
[G1005C](#) (2016-01-28), Insurance

ANNEX ‘A’

Statement of Requirements

Particle Filtration System for Waterjet Tank

1. Background

202 Workshop Depot is a unit that maintains Army equipment. As part of its mission, 202 Workshop Depot offers machining and parts assembly services to internal departments. The sheet metal section has a waterjet and plasma cutter for cutting a variety of medium and large size pieces. In recent years, cleaning the waterjet's tank has incurred considerable annual costs due to the accumulation of deposits from cut material and of cutting sand used in its operation. An assessment was made to verify whether filtration of these particle deposits could allow savings in cleaning the tank. According to the study, the acquisition of a filtration system would result in considerable savings.

Considering this study and the opportunity for significant savings, 202 Workshop Depot wishes to acquire a filtration system for the tank of the waterjet currently in place in Building L-010 of Longue-Pointe Garrison.

2. Mandate

The supplier must perform the following tasks:

2.1 Provide, within two weeks of being awarded the contract, all of the technical documentation for all infrastructure resources necessary for the installation and operation of the equipment. These technical documents must state the types of supply resources necessary, as well as the values in metric or US standard units. The required specifications are:

- The strength of the supply current;
- The supply voltage;
- The compressed air input flow;
- Dimensions of plumbing necessary for air or water supply;
- Other plumbing requirements for supply and/or safety equipment, such as a drainage valve.

2.2 Provide an installation plan for the equipment and all of its components, based on the layout plan provided by 202 Wksp Dep, in AutoCAD format, 2014 version or more recent. The installation plan must meet the following conditions:

- The diagram for the filtration system must use the actual dimensions of all of its components;

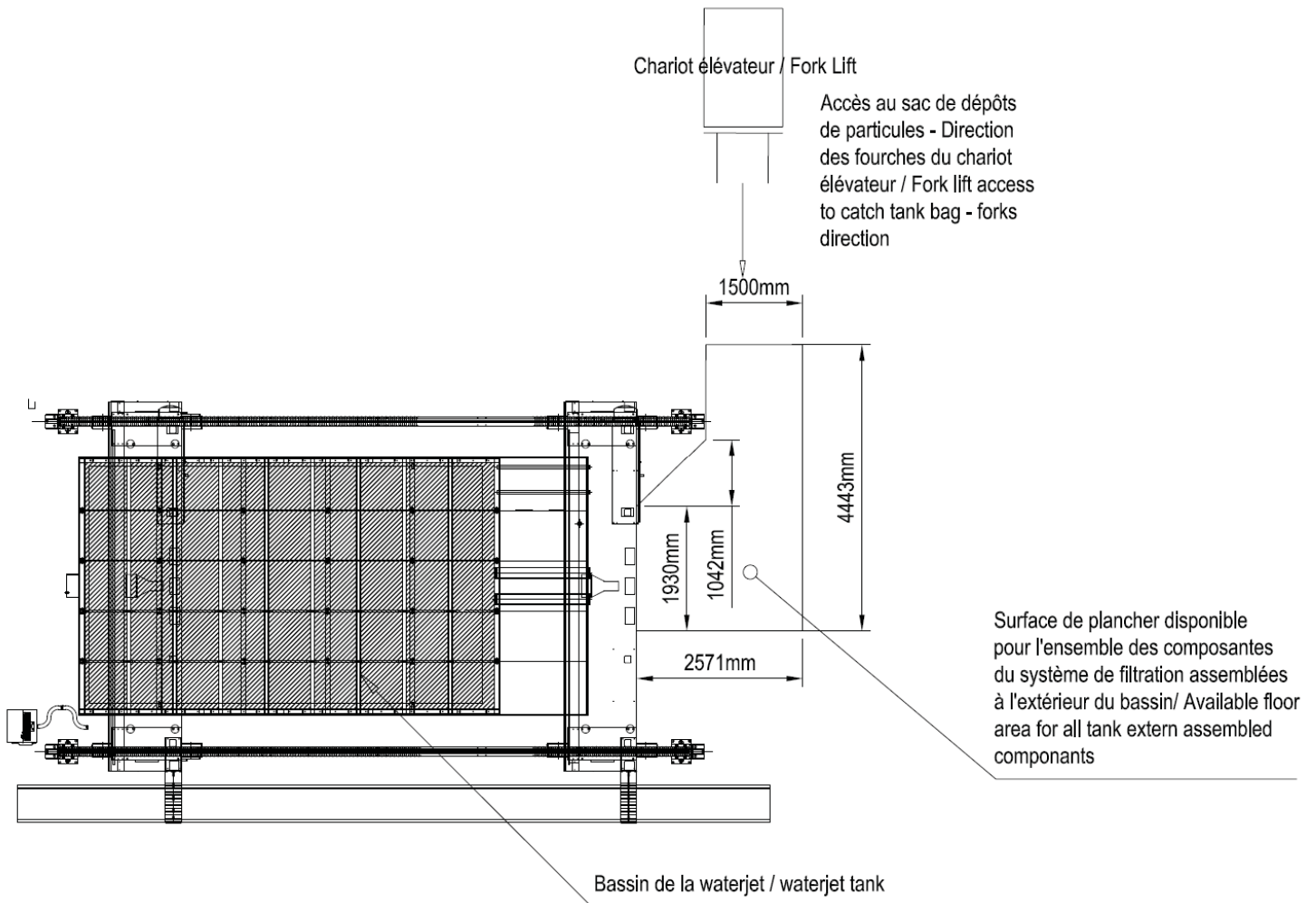
-
- The entire filtration system and its components must be contained and represented in the plan, in accordance with the written specifications and the maximum space delimited in the diagram in point 3.13 of this document;
 - The plan must at minimum include the overall dimensions of the filtration system.
- 2.3 Deliver and install a particle filtration system for the waterjet tank, according to the technical specifications in 3;
- 2.4 Provide the technical authority with the operation and maintenance manuals;
- 2.5 Provide the technical authority with a letter indicating the delivery date and stating the start of the guarantee, applicable from that date;
- 2.6 Perform a complete installation of the filtration system including:
- On-site assembly of the filtration system equipment components;
 - All electrical, control and computer wiring for the filtration system of the existing waterjet;
 - All plumbing connections of the filtration system with the existing waterjet tank;
 - Floor mounting of the filtration system components if necessary.
- 2.7 Provide a specialized technician on-site to complete the system startup after installation;
- 2.8 Perform an installation inspection of the system's electrical and plumbing components and provide, after the inspection, an inspection certificate according to CSA Group Special Publication SPE-1000. The inspection must be performed by CSA Group;
- 2.9 If applicable, provide continual software updates for the equipment controls;
- 2.10 Provide training to operators (three people) and to those in charge of preventive and corrective maintenance (three people);

3. Technical specifications

The whole system provided must meet the following technical specifications:

- 3.1 Must meet and be certified according to CSA compliance standards for this type of equipment and its components in North America and Canada; Must be compatible with all software and control systems for the waterjet to which it will be incorporated, namely an ESAB Hydrocut LR, model LR WJ AVG 1 waterjet and plasma cutter;
- 3.2 Must be compatible with all existing plumbing hookups for the waterjet tank, for which the dimensions are:
 - Width: 170 inches;
 - Tank length: 330 inches;
 - Tank height: 34 inches;
 - Water volume capacity: 6,854 gallons.
- 3.3 Must capture and separate at least 98% of abrasive, steel, aluminium and copper particles larger than 74 microns inside a 6,854 gallon, 325 square-foot tank;
- 3.4 Must separate metal and abrasive particles from the tank water and capture them in a provided deposit accumulation reservoir;
- 3.5 Must be equipped with a centrifugal pump capable of separating deposits of abrasive and metal in order to return the filtered water to the waterjet's tank and deposit the particles in a separate reservoir;
- 3.6 It must be equipped with a pre-filter to capture particles whose size is likely to cause a breakdown of one or more of the pump's components;
- 3.7 The piping for the inlet and between the system outlet and the waterjet tank must be compatible with the existing tank piping, whose internal diameter is six inches;
- 3.8 Must include a storage tank for abrasive and metal deposits meeting the following requirements:
 - Tank dimensions:
 - Width between 32 and 36 inches
 - Length between 32 and 36 inches
 - Depth between 42 and 48 inches
 - Tank made entirely of steel, painted with anticorrosive paint for metal;
 - Tank designed and adapted to be moved by a fork lift truck;
 - Equipped with an overflow detection system;
 - Equipped with a bag for disposal of particles filtered and rejected by the filter mechanism;

-
- The deposit disposal bag must be designed to be lifted by a forklift, and so must be equipped with two lifting slings, with two nylon attachment openings at the ends of each strap;
 - The bag must have a 3,000-4,000 lb capacity;
 - The tank must allow a forklift to access and move the abrasive deposit bags. (see diagram in 3.13).
- 3.9 Must have a water jet stirring system for water and particles at the bottom of the Waterjet tank;
- 3.10 The noise level of the system must not surpass 87 dB;
- 3.11 Must meet the following power supply specifications:
- Supply voltage at equipment input (connection to the infrastructure) = 575-600 Volts, 3 phase;
 - Maximum power supply at equipment input (connection to the infrastructure) = 60 amps;
 - Power frequency at equipment input of (connection to the infrastructure) = 60 Hertz.
- 3.12 All components installed outside of the tank, including the plumbing outside of the tank, must be fully contained within the following perimeter:



4. Details

The supplier must take into account the following:

- 4.1 The installation of connections for plumbing, electricity and any other type of infrastructure resource used by the filtration system must be assumed by the 202 Wksp Dep;
- 4.2 Before visiting the garrison, the supplier must inform the technical authority at least 24 hours in advance, with the names of those who will be present, in order to give the necessary authorization;
- 4.3 The 202 Workshop Depot can provide a forklift for moving the equipment on garrison property;
- 4.4 The supplier must bring to the installation area all materials and tools necessary for the startup of the equipment.

ANNEX "B"

BASIS OF PAYMENT

No.	Item	Unit price
1	Particle Filtration System	\$ _____
2	Transport	\$ _____
3	Installation, training and instructions (user guide)	\$ _____
	<u>Total (Without taxes)</u>	\$ _____

ANNEX "C"

MANDATORY CRITERIA	REFERENCE
3.1 Must meet and be certified according to CSA compliance standards for this type of equipment and its components in North America and Canada; Must be compatible with all software and control systems for the waterjet to which it will be incorporated, namely an ESAB Hydrocut LR, model LR WJ AVG 1 waterjet and plasma cutter;	
3.2 Must be compatible with all existing plumbing hookups for the waterjet tank, for which the dimensions are:	
- Width: 170 inches;	

- Tank length: 330 inches;	
- Tank height: 34 inches;	
- Water volume capacity: 6,854 gallons.	
3.3 Must capture and separate at least 98% of abrasive, steel, aluminium and copper particles larger than 74 microns inside a 6,854 gallon, 325 square-foot tank	
3.4 Must separate metal and abrasive particles from the tank water and capture them in a provided deposit accumulation reservoir	
3.5 Must be equipped with a centrifugal pump capable of separating deposits of abrasive and metal in order to return the filtered water to the waterjet's tank and deposit the particles in a separate reservoir;	
3.6 It must be equipped with a pre-filter to capture particles whose size is likely to cause a breakdown of one or more of the pump's components	
3.7 The piping for the inlet and between the system outlet and the waterjet tank must be compatible with the existing tank piping, whose internal diameter is six inches	
3.8 Must include a storage tank for abrasive and metal deposits meeting the following requirements:	
Tank dimensions	
Width between 32 and 36 inches	
Length between 32 and 36 inches	
Depth between 42 and 48 inches	
Tank made entirely of steel, painted with anticorrosive paint for metal	
Tank designed and adapted to be moved by a fork lift truck	
3.9 Must have a water jet stirring system for water and particles at the bottom of the tank;	
3.10 The water circulation pump must have a rate of at least 1,200 GPM	
3.11 Must meet the following power supply specifications	
- Supply voltage at equipment input (connection to the infrastructure) = 575-600 Volts, 3 phase;	
- Maximum power supply at equipment input (connection to the infrastructure) = 60 amps;	
- Power frequency at equipment input of (connection to the infrastructure) = 60 Hertz.	