

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
**Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada**
Pacific Region
401 - 1230 Government Street
Victoria, B.C.
V8W 3X4
Bid Fax: (250) 363-3344

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

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

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

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

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

Comments - Commentaires

Title - Sujet Vacuum Pump System	
Solicitation No. - N° de l'invitation W2B03-150023/A	Date 2014-07-23
Client Reference No. - N° de référence du client W2B03-150023	
GETS Reference No. - N° de référence de SEAG PW-\$XLV-211-6518	
File No. - N° de dossier XLV-4-37066 (211)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-09-02	
Time Zone Fuseau horaire Pacific Daylight Saving Time PDT	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Buchan, Torrey	Buyer Id - Id de l'acheteur xlv211
Telephone No. - N° de téléphone (250) 363-3249 ()	FAX No. - N° de FAX (250) 363-3960
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE SEE HEREIN	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

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

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

Issuing Office - Bureau de distribution

Public Works and Government Services Canada - Pacific
Region
401 - 1230 Government Street
Victoria, B. C.
V8W 2Z4

Solicitation No. - N° de l'invitation

W2B03-150023/A

Amd. No. - N° de la modif.

File No. - N° du dossier

XLV-4-37066

Buyer ID - Id de l'acheteur

xlv211

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

W2B03-150023

CCC No./N° CCC - FMS No/ N° VME

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TABLE OF CONTENTS

VACUUM PUMP SYSTEM

PART 1 - GENERAL INFORMATION

1. Requirement
2. Debriefings
3. Trade Agreements

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
2. Bid Deliverables

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures
2. Basis of Selection

PART 5 - CERTIFICATIONS

1. Certifications Required Precedent to Contract Award

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement
2. Requirement
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. Insurance
12. SACC Manual Clauses

List of Annexes:

- | | |
|---------|----------------------------------|
| Annex A | Requirement |
| Annex B | Financial Bid Presentation Sheet |
| Annex C | Evaluation Criteria |

VACUUM PUMP SYSTEM

PART 1 - GENERAL INFORMATION

1. Requirement

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

2. Debriefings

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

3. Trade Agreements

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

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The [2003](#) (2014-06-26) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days

Insert: one hundred and twenty (120) days

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 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.

4. Applicable Laws

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

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

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid – Two Hard Copies

Section II: Financial Bid – One Hard Copy

Section III: Certifications – One Hard Copy

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

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

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

Section III: Certifications
Bidders must submit the certifications required under Part 5.

2. Bid Deliverables

2.1 Mandatory Bid Deliverables

Regardless of requirements specified elsewhere in this bid solicitation and its associated Statement of Work, the following are the only mandatory documents that must be submitted with the response at the time of bid closing. The Bidder must be compliant on each item to be considered responsive.

Item	Description	Completed and Attached
Section I Technical Bid		
1	Solicitation document part 1 page 1, completed and signed	
Section II Financial Bid		
2	Annex B, Financial Bid Presentation Sheet, completed	

2.2 Supporting Deliverables

If the following documents which support the bid are not submitted with the bid they may be requested by the Contracting Authority and they must be provided within **five (5) days** of the written request:

Item	Description	Completed and Attached
Section I Technical Bid		
1	Contractor's Representative, as per section 5.3 of Part 6.	
2	Applicable Laws, as per section 9 of Part 6.	
3	Technical Literature, brochures and/or written narrative, which substantiates the bidder's compliance with the evaluation criteria.	
Section III Certifications		
4	Integrity Provisions - as stated in Section 01 Integrity Provisions - Bid of Standard Instructions <u>2003</u> , Provide a complete list of names of all individuals who are currently directors of the Bidder	

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

See Annex C, Evaluation Criteria.

1.2 Financial Evaluation

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

2. Basis of Selection

1. To be declared responsive, a bid must:
 - a. comply with all the requirements of the bid solicitation; and
 - b. meet all mandatory technical evaluation criteria; and
 - c. obtain the required minimum of 60 points overall for the technical evaluation criteria which are subject to point rating. The rating is performed on a scale of 90 points.
2. Bids not meeting (a) or (b) or (c) will be declared non-responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

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

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default in carrying out any of its obligations under the Contract, if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority may render the bid non-responsive or constitute a default under the Contract.

1. Certifications Required Precedent to Contract Award

1.1 Integrity Provisions - Associated Information

By submitting a bid, the Bidder certifies that the Bidder and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Bid of Standard Instructions 2003. The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

1.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development Canada \(ESDC\) - Labour's website](#).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement applicable to this Contract.

2. Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex A.

3. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual)(<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

3.1 General Conditions

2010A (2014-06-26), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

4. Term of Contract

4.1 Delivery Date

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

4.2 Shipping Instructions – Delivered Duty Paid

Goods must be consigned and delivered to the destination specified in the contract:
Incoterms 2000 "DDP Delivered Duty Paid" Nanoose Bay, British Columbia.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Torrey Buchan
Title: Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch

Telephone: 250-363-3249
Cellular: 250-216-2092
Facsimile: 250-363-3960
E-mail address: torrey.buchan2@pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

5.2 Technical Authority

The Technical Authority for the Contract is provided upon Contract Award.

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

Bidder is to complete table below and submit with their bid.

Contact for:	Name	Telephone	Email
Contracting issues			
Technical issues			
Invoicing issues			

6. Payment

6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices, as specified in Annex B 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.

6.2 Multiple Payments

SACC *Manual* clause H1001C (2008-05-12), Multiple Payments

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.

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.
- a. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

8. Certifications

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing associated information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

9. Applicable Laws *(Bidder to include preferred Province)*

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

10. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) the general conditions 2010A (2014-06-26), General Conditions - Goods (Medium Complexity);

- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated _____.

11. Insurance

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

12. SACC Manual Clauses

A9062C (2011-05-16), Canadian Forces Site Regulations;
B1501C (2006-06-16), Electrical Equipment

ANNEX A REQUIREMENT

Portable High Performance Vacuum System

1. Summary

The Department of National Defence has a requirement for the supply and delivery of one (1) complete portable high performance vacuum system, to its location in Nanoose Bay, British Columbia.

2. General Overview

The Royal Canadian Navy is looking to procure a vacuum pump for the purpose of transferring oily bilge water from various vessels to an oily water storage tank located on the top of the Jetty at CFMETR in Nanoose Bay, BC.

The vacuum pump must be able to continuously draw (vacuum) oily waste water of varying viscosity from the vessels' bilge vertically to the top of the jetty (approximately 30 ft in height) and deposit the waste water into an existing horizontal containment tank via a 3" hose camlock fitting.

The pump must be electrically powered, skid mounted and transportable by forklift, with a maximum weight of 2500kg.

3. Mandatory Specifications

3.1 The vacuum pump must possess the following characteristics:

- 3.1.1 Regulated Vacuum – minimum 400mmhg
- 3.1.2 Regulated Pressure – minimum 100 kPa
- 3.1.3 Motor Power Output – minimum 30 hp
- 3.1.4 The vacuum pump must be spark-free and explosion-proof, with a flow rate of 400 cubic feet per minute (or higher).
- 3.1.5 The vacuum pump must have the capacity to lift oily bilge water vertically to a minimum height of 26 feet.
- 3.1.6 The vacuum pump must come equipped with 3"-4" camlock fittings for intake and discharge, in order to facilitate high-volume transfer.
- 3.1.7 Must come equipped with a 3" x 50' suction hose with camlock fittings and reducers, and a 3" x 50' discharge hose with camlock fittings.
- 3.1.8 If necessary to protect the integrity of the pump system, the suction hose must come equipped with a filter for debris.

3.2 The motor must possess the following characteristics:

- 3.2.1 The electric motor must be explosion-proof.
- 3.2.2 The motor comes equipped with an explosion-proof start box and connectors.

- 3.2.3 The motor must come with 100 feet of electrical cable to provide power.
- 3.2.4 The motor must come with a remote start and stop box with a minimum 20 feet of cable or wireless remote.
- 3.3 The vacuum pump system must come attached to a skid with the following characteristics:**
 - 3.3.1 The skid must come equipped with forklift tracks for movability.
 - 3.3.2 The skid must be strong enough to withstand the weight of the unit.
 - 3.3.3 The skid must be sealed and treated to prevent corrosion.
 - 3.3.4 The skid must come equipped with a pollution pan with bottom drain.
 - 3.3.5 Must have four-point lift eyes which are certified and pull tested.
- 3.4 Miscellaneous**
 - 3.4.1 The system must possess a grounding wire cable to prevent sparks.
 - 3.4.2 The system must come equipped with an overflow protection system.
 - 3.4.3 The system must be able to tolerate and endure the marine environment, while pumping salt water as well as other liquids.
 - 3.4.4 The system must be compact in size - measuring no greater than 2m x 2m x 3m and having a footprint not greater than 4m².
 - 3.4.5 The system must come with two (2) hard copies of the operating guide and maintenance instruction manuals.
 - 3.4.6 Training:
The Contractor must provide training in the use and maintenance of the vacuum system on-site at the DND delivery destination in Nanoose Bay, BC.

The training shall be for a minimum of one day, with instruction for up to five (5) personnel.
 - 3.4.7 The equipment must come equipped with a warranty in accordance with Section 09 of General Conditions 2010A.
 - 3.4.8 The system must come equipped with an automatic shutdown.
 - 3.4.9 The maximum weight of the entire system must not exceed 2500 kg.

**ANNEX B
FINANCIAL BID PRESENTATION SHEET**

Bidder's Instructions

The Bidder should provide their bid pricing in the following format, and include it in their financial bid. Bids will be evaluated by taking the aggregate of the unit prices offered below.
The pricing of the warranty options will not be evaluated.

Itm	Description	Price (CAD\$)
1.	One (1) portable high performance vacuum system, with all associated components and manuals, in accordance with Annex A, Requirement, and the Bidder's proposal dated _____.	\$ _____
2.	Delivery Incoterms 2000 Delivered Duty Paid (DDP) to CFMETR in Nanoose Bay, BC.	\$ _____
3.	Operating and Maintenance Training, in accordance with Section 3.4.6 of Annex A. Includes all costs associated with travel and accommodation for the Contractor's personnel.	\$ _____
Evaluated Price (CAD\$)		\$ _____
Options:		
Extended Warranty (if available)		
2-years		\$ _____
3-years		\$ _____
4-years		\$ _____
5-years		\$ _____
6-years		\$ _____

GST is extra.

DELIVERY OFFERED (ARO): _____

ANNEX C EVALUATION CRITERIA

Bidders must submit all literature, technical brochures and/or written narrative with their bids, or at the Contracting Authority's request, to substantiate their compliance with all of the criteria. Any reference to websites will not be evaluated.

Supporting literature not supplied to the Contracting Authority when requested will lead to the bid being deemed as non-responsive.

PART 1 MANDATORY CRITERIA

All statements and requirements identified herein are deemed to be minimum mandatory requirements and therefore bidders must demonstrate how they meet each of these statements or requirements.

Bidders must ensure that all pages submitted with their tender are clearly identified and numbered and any reference to specific pages can be easily found.

Item	Mandatory Criteria	Met? (Yes/ No)	Reference to Supporting Material & Comments
1	The vacuum pump must possess the following characteristics:		
1.1	Regulated Vacuum – minimum 400mmhg		
1.2	Regulated Pressure – minimum 100 kPa		
1.3	Motor Power Output – minimum 30 hp		
1.4	The vacuum pump must be spark-free and explosion-proof, with a flow rate of 400 cubic feet per minute (or higher).		
1.5	The vacuum pump must have the capacity to lift oily bilge water vertically to a minimum height of 26 feet.		
1.6	The vacuum pump must come equipped with 3"-4" camlock fittings for intake and discharge, in order to facilitate high-volume transfer.		
1.7	Must come equipped with a 3" x 50' suction hose with camlock fittings and reducers, and a 3" x 50' discharge hose with camlock fittings.		
1.8	If necessary to protect the integrity of the pump system, the suction hose must come equipped with a filter for debris.		
2	The motor must possess the following characteristics:		
2.1	The electric motor must be explosion-proof.		
2.2	The motor comes equipped with an explosion-proof start box and connectors.		
2.3	The motor must come with 100 feet of electrical cable to provide power.		
2.4	The motor must come with a remote start and stop box with a minimum 20 feet of cable or wireless remote.		

3	The vacuum pump system must come attached to a skid with the following characteristics:		
3.1	The skid must come equipped with forklift tracks for movability.		
3.2	The skid must be strong enough to withstand the weight of the unit.		
3.3	The skid must be sealed and treated to prevent corrosion.		
3.4	The skid must come equipped with a pollution pan with bottom drain.		
3.5	Must have four-point lift eyes which are certified and pull tested.		
4	Miscellaneous		
4.1	The system must possess a grounding wire cable to prevent sparks.		
4.2	The system must come equipped with an overflow protection system.		
4.3	The system must be able to tolerate and endure the marine environment, while pumping salt water as well as other liquids.		
4.4	The system must be compact in size - measuring no greater than 2m x 2m x 3m and having a footprint not greater than 4m ² .		
4.5	The system must come with two (2) hard copies of the operating guide and maintenance instruction manuals.		
4.6	<p>Training</p> <p>The Contractor must provide training in the use and maintenance of the vacuum system on-site at the DND delivery destination in Nanoose Bay, BC.</p> <p>The training shall be for a minimum of one day, with instruction for up to five (5) personnel.</p>		
4.7	The equipment must come equipped with a warranty in accordance with Section 09 of General Conditions 2010A.		
4.8	The system must come equipped with an automatic shutdown.		
4.9	The maximum weight of the entire system must not exceed 2500 kg.		

PART 2 POINT RATED CRITERIA

Bidders must provide all literature, technical brochures and/or written narrative with their technical bids to substantiate their compliance with the point-rated criteria in order to be awarded points.

Item	Point-Rated Criteria	Basis of Scoring	Total Points Available	Points Awarded	Reference to Supporting Material & Comments
1	Regulated vacuum (in millimeter of mercury)	Under 400mmHg 401-450mmHg 451-550 551+ mmHg	0 points 5 points 10 points 15 points Max 15 points		
2	Regulated Pressure (in kilopascal)	under 100 kPa 101-120 121-150 151+	0 points 5 points 10 points 15 points Max 15 points		
3	Volume flow – (in Cubic feet per minute)	400 (mandatory minimum) 401+	0 points 15 points Max 15 points		
4	Vacuum Pump	Shaft driven with a guard Belt or Chain driven with a guard	5 points 10 points		
5	Motor, power output	Under 30 hp 31-40 hp 41-50 hp 51+ hp	0 points 5 points 10 points 15 points Max 15 points		
6	Detailed operating instructions and maintenance manuals.	Two (2) Hard copies of the manuals only; Electronic (CD) copies of the manuals; On-line copies of the manuals;	0 points 5 points 5 points Max 10 points		
7	Extended Warranty from defects in design, materials and workmanship	1-year (mandatory); 2 years; 3 years; 4 years; 5 years; 6+ years;	0 points 2 points 4 points 6 points 8 points 10 points Max 10 points		
Total Points Awarded					
Maximum Points				90	
Minimum Points Required				60	