

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
**Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada**
Government of Canada Building
101 - 22nd Street East, Suite 110
Saskatoon
Sask.
S7K 0E1
Bid Fax: (306) 975-5397

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 Liquid Nitrogen Pressure Vessel	
Solicitation No. - N° de l'invitation W7702-155724/A	Date 2015-01-28
Client Reference No. - N° de référence du client W7702-155724	
GETS Reference No. - N° de référence de SEAG PW-\$STN-202-4761	
File No. - N° de dossier STN-4-37063 (202)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-03-10	Time Zone Fuseau horaire Central Standard Time CST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Kowal, Meagan	Buyer Id - Id de l'acheteur stn202
Telephone No. - N° de téléphone (306) 241-1169 ()	FAX No. - N° de FAX (306) 975-5397
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Defence R & D Canada Suffield Bldg 560 Receiving Ralston, AB T0J 2N0	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

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

Issuing Office - Bureau de distribution

Public Works and Government Services Canada/Réception
des soumissions Travaux publics et Services
gouvernementaux Canada
Government of Canada Building
101 - 22nd Street East
Suite 110
Saskatoon
Saskatche
S7K 0E1

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

Solicitation No. - N° de l'invitation

W7702-155724/A

Amd. No. - N° de la modif.

File No. - N° du dossier

STN-4-37063

Buyer ID - Id de l'acheteur

stn202

CCC No./N° CCC - FMS No/ N° VME

W7702-155724

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TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION	2
1.1 REQUIREMENT	2
1.2 DEBRIEFINGS	2
1.3 TRADE AGREEMENTS	2
PART 2 - BIDDER INSTRUCTIONS	3
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS	3
2.2 SUBMISSION OF BIDS.....	3
2.3 ENQUIRIES - BID SOLICITATION.....	3
2.4 APPLICABLE LAWS.....	3
PART 3 - BID PREPARATION INSTRUCTIONS.....	4
3.1 BID PREPARATION INSTRUCTIONS	4
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION	5
4.1 EVALUATION PROCEDURES.....	5
4.2 BASIS OF SELECTION.....	5
PART 5 - CERTIFICATIONS.....	6
5.1 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD	6
PART 6 - RESULTING CONTRACT CLAUSES	7
6.1 SECURITY REQUIREMENTS	7
6.2 REQUIREMENT	7
6.3 STANDARD CLAUSES AND CONDITIONS.....	7
6.4 TERM OF CONTRACT	7
6.5 AUTHORITIES	7
6.6 PAYMENT	8
6.7 INVOICING INSTRUCTIONS	8
6.8 CERTIFICATIONS	9
6.9 APPLICABLE LAWS.....	9
6.10 PRIORITY OF DOCUMENTS	9
6.11 INSPECTION AND ACCEPTANCE.....	9
6.12 SACC MANUAL CLAUSES	9
ANNEX "A".....	10
REQUIREMENT.....	10
ANNEX "B".....	13
BASIS OF PAYMENT	13

Solicitation No. - N° de l'invitation
W7702-155724/A
Client Ref. No. - N° de réf. du client
W7702-155724

Amd. No. - N° de la modif.
File No. - N° du dossier
STN-A-37063

Buyer ID - Id de l'acheteur
stn202
CCC No./N° CCC - FMS No./N° VME

PART 1 - GENERAL INFORMATION

1.1 Requirement

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

1.2 Debriefings

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

1.3 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

2.1 Standard Instructions, Clauses and Conditions

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

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

The 2003 (2014-09-25) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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.

2.2.1 Condition of Material – Bid

B1000T (2014-06-26), Condition of Material - Bid

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than fifteen (15) 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 Saskatchewan.

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 (one (1) hard copy)

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

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

Bidder must provide documentation with their bid showing how they meet the mandatory requirements detailed in Annex "A"

See Annex A – Requirement for the Mandatory specifications

4.1.2 Financial Evaluation

The evaluated price of this RFP will be calculated as follows:

Price of Item #1 in Annex B- Basis of Payment = Evaluated Price

SACC Manual Clause [A0222T](#) (2014-06-26), Evaluation of Price - Canadian / Foreign 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

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

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

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

5.1 Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive.

5.1.1 Integrity Provisions - Associated Information

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

5.1.2 Federal Contractors Program for Employment Equity - Bid Certification

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

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

Solicitation No. - N° de l'invitation
W7702-155724/A
Client Ref. No. - N° de réf. du client
W7702-155724

Amd. No. - N° de la modif.
File No. - N° du dossier
STN-A-37063

Buyer ID - Id de l'acheteur
stn202
CCC No./N° CCC - FMS No./N° VME

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 a Vertical Liquid Nitrogen Bulk Storage Vessel, 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](#) (2014-11-27), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before _____ TBD.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Meagan Kowal
Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch - Western Directorate
Government of Canada Building
101, 22nd Street East
Suite 110
Saskatoon, SK S7K 0E1

Telephone: 306-241-1169
Facsimile: 306-975-5397
E-mail address: meagan.kowal@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

Solicitation No. - N° de l'invitation
W7702-155724/A
Client Ref. No. - N° de réf. du client
W7702-155724

Amd. No. - N° de la modif.
File No. - N° du dossier
STN-A-37063

Buyer ID - Id de l'acheteur
stn202
CCC No./N° CCC - FMS No./N° VME

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 Determined

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 _____

Address _____

Telephone: _____

Facsimile: _____

E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment – Firm Unit Price

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price, as specified in Annex B for a cost of \$ _____ TBD. Customs duties are included and Applicable Taxes are extra.

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

6.6.2 Single Payment

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

6.6.3 SACC Manual Clauses

[C2000C](#) (2007-11-30), Taxes – foreign –based contractor

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.

6.8 Certifications

6.8.1 Compliance

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

6.9 Applicable Laws

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

6.10 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the general conditions 2010A (2014-11-27), Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment
- (e) the Contractor's bid dated _____ TBD

6.11 Inspection and Acceptance

The Technical Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

6.12 SACC Manual Clauses

G1005C (2008-05-12), Insurance
B7500C (2006-06-16), Excess Goods

ANNEX "A"
REQUIREMENT

Purchase requisition tool tracking number: 2014-15011

1. TITLE

SUPPLY VERTICAL LIQUID NITROGEN BULK STORAGE VESSEL

2. BACKGROUND

Defence Research and Development (DRDC) Suffield Research Centre stores low pressure liquid nitrogen for use by multiple research sections in various cryogenic applications. Our present installation is from the mid-eighties and requires life cycle replacement of the vessel, its associated valves, relief valves, gauges, and pressure building/economizer coil. Increased liquid nitrogen usage since the original installation requires an increase in capacity for the new vessel.

3. Objective

For the supply and delivery of one (1) new vertical liquid nitrogen bulk storage vessel and its associated equipment only. Erection and installation are to be completed by Defence Construction Canada in 2015.

4. ACRONYMS

AD	Applicable Document
ASME	American Society of Mechanical Engineers
CRN	Canadian Registration Number
CAN/CSA	Canadian/Canadian Safety Association
DRDC	Defence Research and Development Canada
GFE	Government Furnished Equipment
MAWP	Maximum Allowable Working Pressure
SOW	Statement of Work
TA	Technical Authority

5. TASKS

The Contractor is to supply and deliver one (1) bulk vertical storage vessel as per the following specifications.

5.1 Mandatory Specifications

5.1a. The following specifications are mandatory and bidder **MUST** be able to meet all requirements as detailed below.

Mandatory Specifications			
		Detail Offered	
		Met	Not Met
5.1.1	The new vessel must have a net volume capacity between 3000 and 6000 liters net capacity.		
5.1.2	The new vessel is to have a valid CRN for use within Canada. A provincial registration for Alberta is NOT required.		
5.1.3	The vessel must be designed, manufactured and stamped in accordance with Section VIII, Division 1 of the ASME Boiler and Pressure Vessel Code.		
5.1.4	The new vessel must have a minimum MAWP of 250 psi.		
5.1.5	The new vessel must be designed and constructed for high thermal performance to increase hold times.		
5.1.6	The new vessel must be supplied with all relief valves, pressure gauges, fill and discharge valves and process piping required for operation and delivery of low pressure liquid nitrogen.		
5.1.7	The new vessel must be supplied with a pressure building/economizer regulator so the system is capable of maintaining pressure between 60 psig and 75 psig.		
5.1.8	All process piping must be built to ASME B31.3 code and leak tested at 1.1 MAWP.		
5.1.9	The system piping must be designed for ease-of-access to all operational control valves.		
5.1.10	The vessel must be primed and painted with durable industrial weather resistant paint, and light colored to reflect heat.		
5.1.11	Shop drawings must include the positioning of the anchor bolts for installation purposes. Shop drawings must be provided prior to award of contract		
5.1.12	The vessel must include rust resistant lifting eyes.		
5.1.13	The vessel must be free standing on a suitable concrete ground pad.		
5.1.14	The vessel must be designed to meet environmental conditions as specified within the National Building Code, latest edition, for installed location.		
5.1.15	The vessel must have a minimum 2 year warranty period for manufacturing defects.		

5.1b. Compliance

Bidders must indicate opposite each specification under MANDATORY SPECIFICATIONS, in the right hand margin under DETAIL OFFERED, whether or not the equipment being offered meets / does not meet the requirements.

Solicitation No. - N° de l'invitation
W7702-155724/A
Client Ref. No. - N° de réf. du client
W7702-155724

Amd. No. - N° de la modif.
File No. - N° du dossier
STN-A-37063

Buyer ID - Id de l'acheteur
stn202
CCC No./N° CCC - FMS No./N° VME

Technical literature is required, and bidders should reference the page number(s) that supports your compliance with the following specs.

It will be to your advantage to furnish as much detail as possible to support your comments / claims of compliance for each specification. If technical literature, etc. is provided, please reference the page number and highlight the specification that supports your compliance. If there is no technical literature to support a specification, you should indicate so.

The Crown is under NO obligation to seek clarification of the bid(s) or the supporting technical documentation provided. Bidders should note that failure to demonstrate any capability to which they claim compliance will result in their proposal being considered non-responsive. Canada reserves the right to reject any bid which does not comply with this solicitation. Any deviation is to be clearly identified and supported with full details.

6. Deliverables

- 6.1 Shop drawings must be provided prior to award of contract.
- 6.2 New vessel is to be delivered to Defence Research and Development Canada, Suffield Research Centre, Bldg 560, Canadian Forces Base Suffield, Ralston, Alberta, Canada T0J 2N0

7. DATE OF DELIVERY

Site delivery as soon as possible to location indicated in Deliverable 6.2

8. Language of Work

English.

Solicitation No. - N° de l'invitation
W7702-155724/A
Client Ref. No. - N° de réf. du client
W7702-155724

Amd. No. - N° de la modif.
File No. - N° du dossier
STN-A-37063

Buyer ID - Id de l'acheteur
stn202
CCC No./N° CCC - FMS No./N° VME

ANNEX "B"

BASIS OF PAYMENT

Bidder must quote firm unit price, F.O.B. destination unloaded, including all shipping and delivery costs. All surcharges (if applicable) must be included in the prices herein. Prices quoted must be exclusive of GST or HST. GST or HST will be added to the invoices as a separate item.

- 1) **One (1) each – Vertical Liquid Nitrogen Bulk Storage Vessel in accordance with the Specifications detailed in Annex "A", Requirement**

\$_____ / each

Product Offered: _____

Please provide complete specifications and descriptive and/or technical literature to illustrate how the Product offered meets the specifications detailed in Annex "A".

Delivery:

The best delivery that could be offered is _____