

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

**Bid Receiving - PWGSC / Réception des
soumissions - TPSGC**
11 Laurier St. / 11, rue Laurier
Place du Portage , Phase III
Core 0B2 / Noyau 0B2
Gatineau
Québec
K1A 0S5
Bid Fax: (819) 997-9776

**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 SPRINKLER PRESSURE TANK		
Solicitation No. - N° de l'invitation F2599-155001/A		Date 2015-02-17
Client Reference No. - N° de référence du client F2599-155001		
GETS Reference No. - N° de référence de SEAG PW-\$\$ML-035-24983		
File No. - N° de dossier 035ml.F2599-155001	CCC No./N° CCC - FMS No./N° VME	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-03-31		Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
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: Tinkess, Dianne		Buyer Id - Id de l'acheteur 035ml
Telephone No. - N° de téléphone (819) 956-0178 ()		FAX No. - N° de FAX (819) 956-0897
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: <div>Specified Herein Précisé dans les présentes</div>		

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

Marine Machinery and Services / Machineries et services
maritimes
11 Laurier St. / 11, rue Laurier
6C2, Place du Portage
Gatineau
Québec
K1A 0S5

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

F2599-155001/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

035ml

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

F2599-155001

File No. - N° du dossier

035mlF2599-155001

CCC No./N° CCC - FMS No/ N° VME

Please See Attached

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Annex "B"	Basis of Payment
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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement applicable to this Contract.

1.2 Requirement

Canada has a requirement to purchase one (1) new Sprinkler Pressure Tank (SPT) to replace the existing one in accordance with the Statement of Work (SOW) Annex "A" to this RFP.

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

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

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.

2.1.1 SACC Manual Clauses

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

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 Delivery

Delivery date is 3 July 2015.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than **seven (7)** 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 **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.

2.5 Site Visit

It is recommended that the Bidder or a representative of the Bidder visit the Vessel. Arrangements have been made for the site visit to be held at a location to be confirmed on **Wednesday 25 February, 2015** between 09:00 and 16:00 EST.

Bidders are requested to communicate with the Contracting Authority no later than **Friday, 20 February, 2015 15:00 EST** to confirm attendance and provide the name(s) of the person(s) who will attend. Bidders may be requested to sign an attendance sheet. Bidders who do not attend or do not send a representative will not be given an alternative appointment but they will not be precluded from submitting a bid.

Any clarifications or changes to the bid solicitation resulting from the site visit will be included as an amendment to the bid solicitation. It is the Bidder's responsibility to ensure that all questions and request for clarification are addressed in accordance with the RFP Part 2 clause 2.3 "Enquiries - Bid Solicitation" in order that they become contractual.

It is the Bidder's responsibility to ensure that all available, accessible or visible information has been seen, noted and validated. Canada will assume that Bidders are in possession of that information, that they validated it and will not consider any request for adjustment related to that information from the successful Contractor once in contract.

Canada will make non-compliant a proposal that will contain caveat(s) and/or assumption(s) that were not raised by the Bidders and accepted by Canada as being part of all Bidder's proposal.

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 (2 hard copies)

Section II: Financial Bid (1 hard copy)

Section III: Certifications (2 hard copies)

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 demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability and describe their approach in a thorough, concise and clear manner for carrying out the work.

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

Bids shall follow all instructions, general terms, conditions and clauses identified herein by title, number and date. All references to descriptive material, technical manuals and brochures included as part of this Bid should be referenced accordingly.

The Technical Bid must include:

- (a) A statement of compliance to the SOW Annex "A". The statement of compliance must address in writing each portion of the requirement and confirms that the bidder understands the requirement and that he will perform the work as required;
- (b) Mandatory Technical Criteria as per Annex "C"

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Annex "D" Financial Bid Presentation Sheet. The total amount of Applicable Taxes must be shown separately.

3.1.1 Exchange Rate Fluctuation

The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

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 Mandatory Technical Criteria

The Mandatory Deliverables required with any bid are described in the Annex "C".

4.1.2 Financial Evaluation

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

A bid must comply with all 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 of option one (1) or option two (2) of section 4.0 RFP SOW Annex "A" 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.

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 shall provide one (1) new Sprinkler Pressure Tank (SPT) to replace the existing one in accordance with the Statement of Work (SOW) Annex "A" to this RFP.

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 (2014-09-25), 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 3 July 2015..

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Dianne Tinkess
Supply Officer
Public Works and Government Services Canada
Acquisitions Branch
Marine Systems Directorate
Place du Portage, Phase III -6C2
11 Laurier St.
Gatineau, QC
K1A 0S5
Telephone: 819-956-0178
Facsimile: 819-956-0897
E-mail address: Dianne.Tinkess@tpsgc-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

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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:

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: _____
Organization: _____
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 in accordance with the Basis of Payment Annex "B". 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 Method of Payment

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

6.6.4 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 submitted on the supplier's own invoice form and must be prepared to show:
 - (a) The date
 - (b) Name and address of the consignee
 - (c) Item number, quantity, part number, reference number and description
 - (d) Contract number.
3. Invoices must be distributed as follows:
 - (a) The original and one (1) copy of all invoices must be forwarded to the appropriate consignee.
 - (b) One (1) copy to:

Fisheries and Oceans Canada
Accounting Hub
301 Bishop Drive
Fredericton, NB
E3C 2M6
 - (c) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.
4. Payment will only be made on receipt of satisfactory invoices duly supported by specific release documents and/or other documents called for under this document. Invoices are not be submitted prior to shipment of materiel.
5. If payment is to be made to an address other than the address on the cover page of the contract, it is to be clearly identified within the body of the contract as the "Remit to" address. This address should include the following:

Company name
Full Address
City
Province/State
Postal/Zip Code

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 _____. (The contracting authority will insert the name of the province or territory as specified by the Bidder in its bid, if applicable)

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 (2014-09-25) General Conditions - Goods (Medium Complexity);
- (c) Annex A Statement of Work;
- (d) Annex B Basis of Payment
- (e) the Contractor's bid dated _____

6.11 SACC Manual Clauses

D2025C (2013-11-06) Wood Packaging Materials

6.12 Preservation and Packaging

Packaging, packing and marking shall be in accordance with the Contractor's standard domestic commercial practice to ensure safe delivery at destination and must provide as a minimum the following:

The SPT must be mounted in wooden shipping skids (saddles) suitable for handling, loading, transportation and long term storage of the SPT in its upright position. The SPT must be suitably covered to protect from transportation dirt and to prevent from any damage to the tank and flanges during the handling, loading, transportation and unloading.

6.13 Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered:

- a. Free on Board (Destination) common carrier CCG Base in Prescott, Ontario for shipments from the United States government; or
- b. Delivered Duty Paid (DDP) CCG Base in Prescott, Ontario Incoterms 2000 for shipments from a commercial contractor.

The new SPT must be delivered to the CCG Base in Prescott, Ontario. The Contractor must liaise with CCG Base to coordinate the reception, final inspection and unloading of the SPT at time of delivery.

Before the shop acceptance of the SPT, Canada may elect to have it delivered at a different address. Should it be the case, the Contractor will be informed in due course and the contract will be amended accordingly.

Delivery Address:
CCGS Base
Att.: CCGS Griffon
401 King Street West

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Buyer ID - Id de l'acheteur
035ml
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Prescott, ON
K0E 1T0

**CCGS Griffon
STATEMENT OF WORK
Replacement of the sprinkler tank**

Specification No: 787.14

Date: Feb 10, 2015

Prepared by Marine Engineering
520 Exmouth Street
Sarnia ON
N7T 8B1

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1.0 VESSEL PARTICULARS

Name: CCGS Griffon

Type: Twin Screw, Medium Icebreaker / Navais Tender.

Class of Voyage: Inland Waters Class I Fire Extinguishing and Lifesaving Appliances for a vessel of Class X.

Year Built: 1970

Shipbuilder: Davie Shipbuilding Ltd., Lauzon, Québec

Principal Dimensions:

Length O.A. 234' – 0" (71.32m)
Length B.P. 214' – 0" (65.23m)
Breadth Mld. 49' – 0" (14.94m)
Depth Mld. 21' – 6" (6.55m)
Draft (Mld Design) 1 5' – 6 ¼" (4.73m)

Tonnages:

Gross 2211.87 L.T. (2252 Metric Tonnes)
Reg. Net 751.90 L.T. (765.56 Metric Tonnes)
Displacement 15' – 6 ¼" 2944 L.T. (2991 Metric Tonnes)
Deadweight Max 744 L.T. (757.5 Metric Tonnes)

Propulsion:

Twin screw, fixed pitch, diesel electric, total power 2x2000 S.H.P. Main machinery: four (4) Fairbanks Morse 38D8-1/8" diesel engines driving four (4) Westinghouse DC two wire single armature, non-reversing variable voltage generators.

2.0 REFERENCE MATERIAL

The following documentation is provided as a reference for the new purchase.

DOCUMENTS

Drawing Number	Description	Electronic File
664-4093-1	Lloyds Certificate for the fitted air receiver.	LR-Certificate for Air Recievers.pdf
664-4093-10 Sht 3	Sprinkler Piping Upper & Lower Decks & Tank Top	G052211PL3.pdf
G05SPR-1	Griffon Sprinkler Tank General Arrangement	G05ASPR-1.pdf
	Reference Pictures	Ref Pics.pdf

Reference Material and Regulations

- 1) Canada Shipping Act, Fire Detection and Extinguishing Equipment Regulations, C.R.C. ch. 1422 – Latest version;
- 2) Canada Shipping Act, Marine Machinery Regulations, SOR/90-264 (Ref. Sch.III Unfired Pressure Vessels) – Latest Version;
- 3) Lloyd's Register, Rules and Regulations for the Classification of Ships; Part 5 Main and Auxiliary Machinery, July 2013 (Ref. Part 5, Chapter11 Other Pressure Vessels); and
- 4) CCG Paints and Coatings Standard, Doc#18-080-000-SG-003.

3.0 INTENT

CCG's intends to purchase one (1) new sprinkler pressure tank to replace the existing one. The new sprinkler pressure tank and its connections, fittings and manhole (the SPT) must be designed, manufactured, assembled, tested and certified as per pressure vessel applicable regulations of a Classification Society (Class) recognized by Transport Canada Marine Safety (TCMS). The new SPT must provide a direct replacement in fit, form and function of the existing SPT.

3.1 DETAILS OF THE EXISTING FITTED SPRINKLER SYSTEM

3.1.1 SPRINKLER SYSTEM

- The Griffon has a dry type sprinkler system. The vessel has three zones of sprinkler heads throughout the accommodation.
- A dry valve separates the water side of the system from the dry zones.
- A sprinkler pump is used to supply sea water to the sprinkler system. This pump was renewed in 2012.
- Most of the "wet-side" piping has been renewed in the last 10 years.
- A 750 gallon pressure tank (the sprinkler tank) is fitted to provide an initial charge of fresh water to the system. See reference Dwg. CMG05-211-PL

3.1.2 FITTED SPRINKLER TANK (SPT)

- The Fitted Sprinkler Tank is located in the Griffon's motor room on the port side.
- This tank was constructed in 1968 and has been in constant service (i.e. 2/3 full of fresh water) since the ship was launched in 1970.
- The working pressure of the tank is 135 psi.
- The tank is cylindrical with an internal diameter (id) of 42" and a length of 158". Material is 5/16" mild steel.

4.0 TECHNICAL REQUIREMENT

4.1 TANK MATERIAL AND COATING

The bidder shall provide a quote for option 1 or option 2 or both:

- Option 1 – Steel Class certified STP

To supply a Steel Class certified SPT with an internal marine coating system to ensure a minimum of 10 years use before first re-coat. Coating must conform to the CCG Paints and Coatings Standard, Doc#18-080-000-SG-003. At the design stage, the Contractor must provide the TA with objective evidence from its Paint Manufacturer that the coating can meet the above durability.

- Option 2 – Stainless Steel 304L Class certified SPT

To supply a Stainless 304L Class certified SPT. The inside of the SPT can remain in un-coated form. The outside of the SPT must be coated with an appropriate marine coating in accordance with the CCG Paints and Coatings Standard, Doc#18-080-000-SG-003.

- All materials shall be new and free of defects prior to construction. The SPT shall be free of all debris, weld slag. Temporary lugs and all welds must be grounded smooth prior to paint and delivery.

4.2 NEW SPT, OPERATIONAL CRITERIA

The new STP must meet the following criteria:

- The Dwg G05SPR-1 is given as a reference only. Once in contract, the Contractor must take all the necessary measurements onboard. As stated in Section 3.0, it is the responsibility of the Contractor to maintain the same fit, form and function of the existing sprinkler pressure tank with its connections, fittings.
- A manhole to allow human access and drainage as well as cleaning of the tank. New manhole to be 400X600 mm oval and suitably designed to withstand working pressure. Location of the manhole can change from current position provided it is located on the starboard side of the tank, not in the way of the support frames and is located to provide ease of access and cleaning.
- Working pressure of 135 PSI;

-
- Minimum total capacity of 3410 Liters (750 Gal.);
 - The new SPT must be designed and manufactured in order to be installed in the existing saddle frames and straps at frame 30 and 34 on the ship without modification to them;
 - The new SPT must have lifting lugs design, approved, manufactured, installed and tested as per Class for tank handling and transportation purposes. The lugs shall not interfere with the SPT connections, manhole and shipboard surrounding piping, framing saddles and straps;
 - The manufacturing of the SPT must not begin prior to a concurrence from the TA on the design package; and
 - Any update in the Class regulation which will impact the existing fit, form and function for the new SPT must be part of the Design Package presented to CCG for approval at the Design Review meeting.
 - All bosses to be installed and tapped in accordance with the Ref, Dwg.G05SPR-1.
 - All pipe connecting flanges to be installed in accordance with the Ref, Dwg.G05SPR-1

4.3 MILESTONE SCHEDULE

Number	Identification	Description	Week after Contract Award
1	Contract Award		0
2	On board accurate measurements	Contractor to take the necessary accurate measurements onboard, see Section 4.1.2	1
3	Design Package	Submission of the Class reviewed and approved Design Package.	3
4	Design Review meeting	Contractor's attendance to the design review meeting	4
5	SPT Pressure Testing	Advance invitation to the TA to attend the SPT pressure test	As per preliminary schedule
6	Final inspection of the SPT at Plant	Advance invitation to the TA to attend the final inspection at plant prior to	As per preliminary schedule

		shipment	
7	Delivery and acceptance of the SPT	Acceptance of the SPT at the CCG base in Prescott	As per preliminary schedule

5.0 PROOF OF PERFORMANCE

5.1 CERTIFICATION

The Contractor must deliver the appropriate Class Certification for pressure vessel showing that the new SPT meets all Class regulations applicable to the CCGS Griffon in regard to firefighting systems and pressure vessels.

5.2 DELIVERABLES

The Contractor shall provide the following:

- A Design Package (DP) developed in accordance with and reviewed and accepted by the Class. The DP must be submitted to the TA for a review and concurrence at the design review meeting. The DP must include without being limited to the followings:
 - Referenced applicable Class Regulations with calculations and annotations;
 - On board accurate measurements of the existing SPT made by the Contractor;
 - Conceptual sketches and drawings;
 - Analysis of any impact on the new SPT in relation to the fit, form and function caused by Class regulation updates;
 - The bill of material with the detailed technical specifications of the SPT steel or SS304L, components and weld filler material;
 - The paint systems to be used for internal and external coating on the SPT
 - The manufacturing drawings;
 - The manufacturing and welding procedures and plans;
 - The Inspection and Test Plan (ITP) that will comprise the following as a minimum:
 - The complete list of inspections;
 - Holding points for Class mandatory inspections;
 - The complete list of tests;
 - Holding points for Class mandatory attendance to test;
 - The tests procedures; and
 - The final inspection procedure.
 - The production schedule developed from the preliminary schedule provided at the bid stage;

- The inspection and test book that will comprise the following as a minimum:
 - The material mill certificates;
 - The components mill certificates;
 - The weld filler certificates;
 - All inspection reports as per the ITP;
 - All test report as per the ITP; and
 - The SPT Class Certification which will provide as a minimum the following information;
 - Manufacturer's name
 - Model/serial no of the SPT.
 - Design pressure, Test pressure and Working pressure
 - Classification Society certifying the SPT, and
 - Date of certification.
- One (1) new Class Certified SPT as per SOW
- The Contractor shall provide one (1) paper copy and two (2) electronic copies on CD-ROM format of all reports and specifications in Microsoft Word and or Excel format; and
- All drawings shall be in the following format: one (1) paper copy and two (2) electronic copies on CD-ROM of the design drawings. Paper copies shall be no larger than A2 size paper as well as in AutoCAD 2004 DWG format non-password protected.
- Deliverables shall be in English

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ANNEX B - BASIS OF PAYMENT - FIRM PRICE

Annex B will form the Basis of Payment for the resulting Contract and must not be filled in at the bid submission stage.

B1 Contract Firm Price

A)	Known Work For work as stated in the Annex "A" SOW and detailed in the attached Financial Bid Presentation Sheet, Annex "D" for a FIRM PRICE of:	\$
B)	Tax as applicable	\$
C))	Total Firm Price applicable Tax included	\$

ANNEX "C"

Mandatory Technical Criteria

Mandatory Technical Criteria				
Item #	Criteria	Compliant		Reference to applicable page and paragraph of Proposal
		Yes	No	
1	Bidder Past Experience Bidder must provide objective evidence that he has delivered at least one Class certified mild steel or stainless steel pressure vessel of similar dimensions and same or higher working pressure in the last five (5) years.			
2	Bidder Quality Management System Bidder must provide with their proposals objective evidence that they have in place a Quality Management System registered to ISO 9001:2008 or a Quality Management System modelled on ISO 9001:2008 which will include: A) if registered, its valid ISO 9001:2008 certification; B) an example of its Quality Control Plan (QCP) as applied on previous projects of the same nature and complexity of this RFP; and C) a sample of an Inspection and Test Plan (ITP) developed in accordance with the QCP in B) above			
3	Bidder Preliminary Schedule Bidder must provide with its proposal a preliminary schedule for the Design			

	<p>manufacturing and delivery of the new Sprinkler Pressure Tank for the CCGS Griffon which will indicate in working days the duration of each of the following activities with links associated to their respective predecessors and successors. The Preliminary Schedule must be in accordance with the time lines provided by the milestones 1, 2 and 3 of the SOW Milestone Schedule article 4.3.</p> <ol style="list-style-type: none"> 1. Contract award date: Day 1; 2. Accurate measurements onboard; 3. Development of the Design Package (DP); 4. Period of approval by the Classification of the Design package; 5. Review by Canada of the DP (assume a period of 5 working days); 6. Period of material procurement and manufacturing and testing; 7. Delivery and acceptance of the new SPT, <u>July 3rd, 2015 the latest</u>; and 8. Warranty period. 			
4	<p>Classification Society</p> <p>Bidder must identify the Classification Society that will approve the design, fabrication, testing and will deliver the certification of the SPT.</p>			

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Buyer ID - Id de l'acheteur
035ml
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ANNEX D - FINANCIAL BID PRESENTATION SHEET

F1 Price for Evaluation

No.	Option 1 – Steel Class certified SPT	\$
A1	DEVELOPMENT OF THE DESIGN PACKAGE	\$
A2	COST OF CLASSIFICATION SOCIETY APPROVAL	\$
A3	MANUFACTURING AND FACTORY ACCEPTANCE OF THE NEW SPT	\$
A4	DELIVERY OF THE SPT TO CCG BASE PRESCOTT ONTARIO	\$
	TOTAL ITEM A1 TO A4	\$
No.	Option 2 – Stainless Steel 304L Class certified SPT	\$
B1	DEVELOPMENT OF THE DESIGN PACKAGE	\$
B2	COST OF CLASSIFICATION SOCIETY APPROVAL	\$
B3	MANUFACTURING AND FACTORY ACCEPTANCE OF THE NEW SPT	\$
B4	DELIVERY OF THE SPT TO CCG BASE PRESCOTT ONTARIO	\$
	TOTAL ITEM B1 TO B4	\$

(Signature)

(Date)