



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

SOLICITATION AMENDMENT

MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address

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

Issuing Office - Bureau de distribution

Ship Construction, Refit and Related
Services/Construction navale, Radoubs et services
connexes

11 Laurier St. / 11, rue Laurier

6C2, Place du Portage

Gatineau

Québec

K1A 0S5

Title - Sujet LOI/RFI - In water vessel cleaning	
Solicitation No. - N° de l'invitation EN600-19LOI1/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client EN600-19LOI1	Date 2019-11-07
GETS Reference No. - N° de référence de SEAG PW-\$SMC-044-27486	
File No. - N° de dossier 044mc.EN600-19LOI1	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-12-10	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Remillard, Michele	Buyer Id - Id de l'acheteur 044mc
Telephone No. - N° de téléphone (613) 850-1431 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

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

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File No. - N° du dossier
044MC EN600-19LOI1

Buyer ID – Id de l'acheteur
044MC
CCC No/N° CCC – FMS No/N° VME

Amendment 001

This amendment to the Request for Information is raised to reflect administrative changes.

1. At page 4, under section e) entitled Industry day, at **To join the online meeting:**

DELETE: in its entirety

REPLACE WITH:

To join the online meeting scheduled at 8:00 AM EST

1. Go to: <https://gts-ee.webex.com/gts-ee/j.php?MTID=m69c39f11df487542c08028d7f14983fc>
2. If requested, enter your name and email address
3. If a password is required enter the meeting password: Canada1!
4. Click "join now"

To join the online meeting scheduled at 14:00 PM EST

1. Go to: <https://gts-ee.webex.com/gts-ee/j.php?MTID=m0511cab882c7004e423b5b71822beea5>
2. If requested, enter your name and email address
3. If a password is required enter the meeting password: Canada1!
4. Click "join now"

2. At page 9, section 3.1.3 **Request for Standing Response,**

DELETE: Request for Standing Response

REPLACE WITH: Request for Standing Offer

3. At page 9, Section 4, paragraph 1 of **Statement of Requirement,**

DELETE: The Government of Canada requires the services of an innovative, proactive, commercial dive supplier to ensure that Canada's fleet of ships are inspected and cleaned, to full biofouling requirements, to a Level of Fouling

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(LOF) of 2 microns or less. All services are to be provided in accordance with the relevant statutory regulations, standards, and codes of practice.

REPLACE WITH: The Government of Canada requires the services of a commercial diving contractor with an innovative in-water clean and capture capability for the proactive monitoring and removal of biological debris, also known as biofouling, from its vessels during their operational cycles. The in-water clean and capture services rendered shall be provided in accordance with the relevant statutory regulations, standards, and codes of practice. Furthermore, the cleaning shall capture any chemical or biological debris greater than 15 micrometers (microns) in size that is directly generated as a result of the cleaning process.

4. At page 9, Section 4, paragraph 5 of **Statement of Requirement**,

DELETE: Anti-fouling paint

REPLACE WITH: Coating System

5. At page 10, Section 4, **Technical Specifications**,

DELETE: Reporting (confirming LOF)

REPLACE WITH: Reporting (confirming Level of fouling)

DELETE: Assurance that non-indigenous invasive species are contaminating the water

REPLACE WITH: Assurance that non-indigenous invasive species are not released to the water column

DELETE: Ensure that antifouling paint is not removed during the process;

REPLACE WITH: Ensure that the coating system is not damaged during the cleaning process

6. At page 11, Section 4, **Definitions**,

DELETE: Microfouling means a gentle cleaning of a ship hull coating while the ship is in port or idle to prevent the establishment of fouling, mostly a slime layer.

REPLACE WITH: Microfouling means microscopic organisms including bacteria and diatoms and the slimy substances that they produce. Biofouling comprised of only microfouling is commonly referred to as a slime layer.

DELETE: Macrofouling means the physical removal of biofouling from a ship while in the water where there is a build-up of larger organisms.

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REPLACE WITH: Macrofouling means large, distinct multicellular organisms visible to the human eye such as barnacles, tubeworms, or fronds of algae.

7. At page 11, section 4, **Objectives**,

DELETE: Control non-indigenous species

REPLACE WITH: Mitigate transfer of non-indigenous species

8. At page 12, **Questions for Respondents**, Question 2,

DELETE: D) Anti-fouling coatings on vessels

REPLACE WITH: D) Coating systems on vessels

9. At page 12, **Questions for Respondents**, Question 5,

DELETE: Anti-fouling agents

REPLACE WITH: Coating System

10. At page 12, **Questions for Respondents**, Question 6,

DELETE: In its entirety.

REPLACE WITH: Have the effects on accelerated coating system degradation been quantified by your particular cleaning apparatus, ie. What is the coating thickness lost with each cleaning cycle?

11. At page 12, **Questions for Respondents**, Question 10,

DELETE: In its entirety

12. At page 12, **Questions for Respondents**, Question 11,

DELETE: In its entirety.

REPLACE WITH: What is the particle size of the captured effluent, post-filtration, that is released to the environment. Does your system capture biocides within the filtration system, and what is the biodical release concentration post filtration?

13. At page 12, **Questions for Respondents**, Question 16,

DELETE: in its entirety.

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REPLACE WITH: What is the cleaning system employed by your organization if your company is not the original equipment manufacturer of the cleaning system?

14. At page 12, **Questions for Respondents**, Question 20

DELETE: Stage.

REPLACE WITH: Technical Readiness level.

15. At page 13, **Questions for Respondents**, Question 22,

DELETE: rate.

REPLACE WITH: levels.

16. At page 13, **Questions for Respondents**, Question 28,

DELETE: in its entirety.

REPLACE WITH: Does your organization perform hull grooming services as well as in-water clean and capture services?

All other terms and conditions remain unchanged.