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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

**Weapons Systems Division/Division des systèmes
d'arme**

11 Laurier St. / 11, rue Laurier

8C2, Place du Portage

Gatineau

Québec

K1A 0S5

Title - Sujet AMMUNITION BRASS CERTIFICATION	
Solicitation No. - N° de l'invitation W8476-185847/B	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client W8476-185847	Date 2018-05-04
GETS Reference No. - N° de référence de SEAG PW-\$\$BM-036-26780	
File No. - N° de dossier 036bm.W8476-185847	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-05-18	
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: Langdon (bm div), Darren	Buyer Id - Id de l'acheteur 036bm
Telephone No. - N° de téléphone (819) 939-0951 ()	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

The purpose of Amendment 001 is to answer questions received.

1. Questions and Answers

No.	Question	Answer
1.	Can you provide more information on the type of packaging that would be used to bring the material to the demilitarization facility and to take away material from the demilitarization facility? Will it be carton boxes, wooden boxes, used M2A1, plastic boxes, gig box pallets, etc.	<p>SAA Brass will be organized and stored in tri-walls (cardboard, plastic or wood boxes on wood pallets) or other standard containers capable of being handled by means of a forklift. Used buckets (plastic or metallic) or used M2A1 may contain specific SAA Brass calibers.</p> <p>a. Example of packaging used to bring in the SAA Brass into the demilitarization facility:</p>  <p>b. Example of packaging used to take away the SAA Brass from the demilitarization facility:</p> 

No.	Question	Answer
2.	<p>Ref. Annex A - Point 2 - Project Scope</p> <p>a. What do you expect to be the percentage of live rounds content in the SAA Brass? Do you expect more than 10% live ammunition within the Brass?</p> <p>b. We do not understand why it is requested, and why there is a need for a SAA Brass sorter that automatically detects and separates live SAA rounds from an SAA cartridge case disposal stream, if, in the end, all shall be destroyed?</p>	<p>a. Percentage of live rounds content in the SAA Brass</p> <p>Scenario 1: For domestic/non-deployed operations, the SAA Brass Certification Capability will include a combination of the three capabilities, as follows:</p> <ul style="list-style-type: none"> i. One sorting capability for SAA Brass. The sorting capability must capture live rounds at a capture rate of 99.99%, irrelevant of the amount of SAA live rounds in the input stream. ii. One thermal treatment for SAA Brass certification capability. SAA Brass processed by the thermal treatment capability must be minimum 99.99% free of live rounds and live blanks. iii. One deforming capability for SAA Brass. <p>Scenario 2: For deployed operations, the SAA Brass Certification Capability will include a combination of the two capabilities, as follows:</p> <ul style="list-style-type: none"> i. One thermal treatment for SAA Brass certification capability. For the input we do not expect more than 10% live rounds within the SAA Brass. SAA Brass processed by the thermal treatment capability must be minimum 99.99% free of live rounds and live blanks. ii. One deforming capability for SAA Brass. <p>b. Reasons why a sorter is required even though a thermal certification unit is included as part of the system:</p> <ul style="list-style-type: none"> i. Safety - a sorter that captures and segregates live rounds from the waste stream followed by thermal treatment in a brass certification unit essentially forms a two-tier safety system for the prevention of outputting live rounds. ii. Environmental - by separating the live rounds through the sorting process (for the domestic/non-deployed operations), only expended cartridges should be inputted into the thermal treatment unit, thereby, greatly reducing the emissions generated in the treatment process. <p>Note that the live rounds separated by the sorter will not be fed into the thermal treatment unit. These live rounds may be subsequently repackaged and reused or be disposed of using a different disposal method. The brass certification system will not be used to intentionally dispose of live rounds.</p>

No.	Question	Answer
3.	<p>Ref. Point 5.2.1 - Operator controls</p> <p>The aim to divide the items per calibre is not clear for us as the equipment to be provided needs to be able to treat all calibres from 5,56mm to 12,7mm. If that is the case, we do not see the value of this separation per calibre. We think this will add unnecessary complication and costs whereas it would be possible to simply feed any ammunition from 5,56mm to 12,7mm (including a certain % of live rounds) that would all be destroyed.</p>	<p>Reasons why a sorter should separate the expended SAA Brass cartridge cases by caliber:</p> <ul style="list-style-type: none">a. Deforming operation - the distance between the deforming drums can be adjusted properly if the expended SAA Brass cartridge cases are separated by caliber.b. Inventory management - the demilitarization facility has a requirement to report the quantity of SAA Brass cartridge cases that are certified for disposal by the system, broken down by caliber. The intent is to avoid introducing mixed SAA Brass loads into the thermal treatment system to allow effective accounting of Brass ready for disposal and material recovery / recycling.
4.	<p>Within the technical requirements, environmental regulations were not mentioned. Which environmental regulations should the designated systems, especially the related abatement solutions, comply with?</p>	<p>Note that since the thermal treatment system as part of the brass certification capability will be processing only spent brass cartridges (with only a small percentage of intermingled live rounds), a pollution abatement system is not deemed a mandatory requirement for the system. A CEMS is identified as a desirable component (rated criteria) for emission monitoring purposes.</p> <p>Emissions Monitoring System: The contractor should supply a continuous emissions monitoring system (CEMS) for the thermal treatment unit for SAA brass certification. The CEMS should be capable of monitoring the output stream concentrations of the following compounds:</p> <ul style="list-style-type: none">i. opacity;ii. hydrogen chloride (HCl);iii. oxygen (O2);iv. carbon monoxide (CO);v. stack temperature (T);vi. nitrogen oxides (NOx);vii. sulphur dioxide (SO2)

*****All other Terms and Conditions remain the same*****