

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Darren Langdon
975 Boul Saint-Joseph
Gatineau
Québec
K1A 0K1

LETTER OF INTEREST
LETTRE D'INTÉRÊT

Comments - Commentaires

Title - Sujet Draft RFP - SAA Incinerator	
Solicitation No. - N° de l'invitation W8476-196049/C	Date 2019-12-18
Client Reference No. - N° de référence du client W8476-196049	GETS Ref. No. - N° de réf. de SEAG PW-\$\$BK-383-27545
File No. - N° de dossier 383bk.W8476-196049	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-01-28	
Time Zone Fuseau horaire Eastern Standard Time EST	
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 (bk div), Darren	Buyer Id - Id de l'acheteur 383bk
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

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Munitions Division (BK) / Division des munitions (BK)
11 Laurier St./11, rue Laurier
8C2, Place du Portage, Phase III
Gatineau
Québec
K1A 0S5

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

Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM		Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
2	Annual Maintenance Visit Year 1	Total		1	Each	\$	\$			
3	Annual Maintenance Visit Year 2	Total		1	Each	\$	\$			
4	Annual Maintenance Visit Year 3	Total		1	Each	\$	\$			
5	Annual Maintenance Visit Year 4	Total		1	Each	\$	\$			
6	Annual Maintenance Visit Year 5	Total		1	Each	\$	\$			
7	Optional Annual Maintenance Visit Year 1	Total		1	Each	\$	\$			
8	Optional Annual Maintenance Visit Year 2	Total		1	Each	\$	\$			

SMALL ARMS AMMUNITION INCINERATOR SYSTEM
Request for Information
N° W8476-196049/C

1. Purpose and Nature of the Request for Interest (RFI):

- 1.1. The purpose of this Request for Information (RFI) is to seek answers to questions that have arisen in the refining of the requirement for the Small Arms Ammunition Incinerator System (SAAIS).
- 1.2. Following a previous unsuccessful procurement process, the Government of Canada has reviewed the requirement for Small Arms Ammunition incineration. In order to refine and complete a new Request for Proposal, there are questions that have arisen during the review process regarding new technical, requirements and clarification.
- 1.3. Public Services and Procurement Canada's (PSPC) intent for this RFI is to engage Industry in a consultative process by seeking Industry feedback via responses to questions identified herein. In addition, there is a requirement to understand the availability and affordability of options on behalf of Canada.
- 1.4. Interested respondents are encouraged to review the questions attached to the RFI and provide comments, answers and/or questions, in writing, to the PSPC Contracting Authority identified herein at Section 6.

2. Requirement:

- 2.1. The Canadian Armed Forces (CAF) has a requirement to possibly acquire a demilitarization and disposal capability for live Small Arms Ammunition (SAA).
- 2.2. In the context of this RFI, SAA is considered to be the ammunition of all sizes of rifled firearms up to and including those of 12.7mm (.50 caliber), unless otherwise indicated.
- 2.3. The intent is to possibly procure equipment, of either commercial or military origin, or a mix of both, to meet the list of requirements provided below. The main deliverables will be the supply of the equipment, provide spare parts, in-service support for up to 7 years and train users for operation and maintenance.

3. Potential Scope and Constraints:

- 3.1. The Request for Information (RFI) is not subject to the Controlled Goods Program, however any resulting competitive process may be. For information pertaining to the Controlled Goods Program, please refer to the Public Services and Procurement Canada (<https://www.tpsgc-pwgsc.gc.ca/comm/index-eng.html>) website.
- 3.2. There are no security requirements associated with this RFI, however, there may be security requirements associated with any resulting competitive procurement process. Additional information on the security requirements will be communicated on <https://buyandsell.gc.ca/> as part of the upcoming competitive procurement process.
- 3.3. Any additional information on the potential scope and constraints will be communicated on <https://buyandsell.gc.ca/> as part of any competitive process.

4. Legislation, Trade Agreements, and Government Policies:

- 4.1. The following is a list of some legislation and government policies that will govern the upcoming competitive procurement process:
- a) Defence Production Act (DPA)
 - b) Controlled Goods Program (CGP)
 - c) Federal Contractors Program for Employment Equity (FCP-EE)
 - d) Government Contract Regulations (GCR)
 - e) Policy on Green Procurement

4.2. Any additional information pertaining to Legislation and Government Policies will be communicated on <https://buyandsell.gc.ca/> as they become available throughout the period of this RFI or as part of any resulting competitive procurement process.

5. Schedule:

5.1. The following is the tentative schedule associated with both the RFI and potential competitive procurement process:

- a) Release of Request for Information: December 2019
- b) Request for Information close: January 2020
- c) Analyze responses and determine a course of action: January 2020
- d) Release Request for Proposal: January/February 2020
- e) Potential Contract Award: April 2020
- f) First Delivery: Spring 2021

5.2. Any changes to the tentative schedule will be communicated on <https://buyandsell.gc.ca/> as they become available throughout the period of this RFI.

6. PSPC Contracting Authority:

Important Notes to Respondents:

All information, communication or correspondence must be directed to the Contracting Authority ONLY. No other member or representative of the Government of Canada can be informed, challenged or otherwise communicated with, including carbon copy or blind carbon copy on an emails or written correspondence regarding this RFI.

6.1. Any correspondence must be directed, in writing, in either official language of Canada, to the PSPC Contract Authority identified below, preferably via email:

Darren Langdon
Supply Team Leader
Munitions and Weapons Systems Division - BK/BM,
Public Services and Procurement Canada (PSPC)
975 Blvd Saint-Joseph. Gatineau, Quebec K1A 0K2

E-mail: darren.langdon@pwgsc-tpsgc.gc.ca

6.2. Changes to this RFI may occur and will be advertised on the Government Electronic Tendering System, <https://buyandsell.gc.ca/>.

6.3. Canada asks interested parties to visit [BuyandSell.gc.ca](https://buyandsell.gc.ca) regularly to check for changes, if any.

7. NOTES TO INTERESTED INDUSTRY PARTICIPANTS:

7.1. This RFI is neither a call for tender nor an RFP, and no agreement or contract for the procurement of the requirement described herein will be entered into solely as a result of this RFI. The issuance of this RFI is not to be considered in any way as a commitment by Canada nor as authority to potential Respondents to undertake any work that could be charged to Canada.

7.2. Any discussions on this subject with project staff representing DND, PSPC or any other Government of Canada representative or other personnel involved in project activities, must not be construed as an offer to purchase or as a commitment by Canada.

7.3. Respondents may provide documents / information / data collected as commercial-in-confidence (and if identified as such, will be treated accordingly by Canada). However, Canada reserves the right to use the information

to assist them in drafting performance specifications and for budgetary purposes in consultation with both national and international stakeholders. Requirements are subject to change, which may be as a result of information provided in response to this RFI. Participants are advised that any information submitted to Canada in response to this RFI may or may not be used by Canada in the development of the potential subsequent RFP.

7.4. Participation in this RFI is encouraged, but is not mandatory. There will be no shortlisting of potential suppliers for the purposes of undertaking any future work as a result of this RFI. Similarly, participation in this RFI is not a condition or prerequisite for the participation in any potential subsequent solicitation.

7.5. Respondents will not be reimbursed for any cost incurred by participating in this RFI.

8. Attached Documents:

Annex A – Questions

9. Closing date for the Request for Information:

9.1. The RFI closing date is currently planned for 10 January 2020. Respondents are asked to submit their responses to the questions posed in Annex A by 2:00 pm EST on 0 January 2020.

ANNEX A – QUESTIONS

Question 1 - What is the Net Explosive Quantity (NEQ) per cycle that your rotary kiln incinerator (continuous feed type) or a deactivation type furnace (batch feed type) can withstand without incurring damage, provided that the Small Arms Ammunition Incinerator System (SAAIS) must deactivate SAA live ball and blank rounds (of calibers up to and including .50 caliber), at a minimum throughput rate of 120 kilograms per hour (live rounds), at the minimum temperature of 649 degrees Celsius for a processing duration of 8 to 12 minutes in the thermal treatment chamber?

Question 2 - What kind of definitive proof can be provided with a bid, in order to provide concrete evidence to the technical evaluators that an SAAIS is capable of achieving the above specified Net Explosive Quantity (NEQ) (e.g., technical test reports, finite element analysis modelling, destructive or nondestructive testing, etc.)?

Question 3 - Considering environmental and occupational health and safety, explain the design/construction of the molten lead removal system used to capture, and remove molten lead generated during the small arms ammunition incineration process.

Question 4 – Please explain how your SAAIS is capable of processing small arms ammunition up to and including **.50 caliber (12.7mm)** ball and blank ammunition.

Question 5 – Are there any other types of small arms ammunition (shotgun shells, tracers, etc.) and calibers that your SAAIS can process without modification considering that the SAAIS must satisfy DND/CAF Stack Emission Limits, specified in the Table below?

Chemical (pollutant)	DND/CAF Stack Emissions Limits
Total Particulate Matter (TPM)	2 mg/Rm ³
Opacity	5%
Carbon Monoxide (CO)	35 mg/Rm ³
Nitrogen Oxides (NOx)	183 mg/Rm ³
Sulfur Dioxides (SO ₂)	46 mg/Rm ³
Dioxins/Furans (D/F)	77 pg/Rm ³
Hydrogen Chlorides (HCl)	9 mg/Rm ³
Hydrogen Fluoride (HF)	1 mg/Rm ³
Mercury (Hg)	6 µg/Rm ³
Arsenic (As)	1 µg/Rm ³
Chromium (Cr)	10 µg/Rm ³
Semi-volatile metals sum of Lead and Cadmium (Pb + Cd)	7 µg/Rm ³
Low-volatile Metals sum of arsenic, beryllium and chromium (As + Be + Cr)	16 µg/Rm ³

Notes:

- Rm³ refers to reference condition of dry cubic meter of flue gas.
- The emission limits are expressed in mass per dry cubic meter of flue gas at reference conditions of 25 degrees Celsius, 101.3 kilopascals and corrected to 11 percent oxygen.

Question 6 – Given a maximum budget of \$3,650,000.⁰⁰ CAD (customs duties included and applicable taxes extra), can your SAAIS meet the requirement of processing small arms ammunition up to and including **.50 caliber (12.7mm)** ball and blank ammunition with pollution abatement satisfying DND Stack Emission Limits ?

Question 7 – If the answer to Question 6 above is “No”, what is a Rough Order of Magnitude price to achieve this requirement?

Question 8 – Please provide any other information you may want to share regarding the above stated requirement and questions.