

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Bid Receiving - PWGSC / Réception des soumissions  
- TPSGC  
1550 D'Estimauville Avenue  
1550, Avenue d'Estimauville  
Québec  
Québec  
G1J 0C7  
FAX pour soumissions: (418) 648-2209

**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  
TPSGC/PWGSC  
BFC Bagotville, CP 380  
CFB Bagotville, PO Box 380  
Bâtiment 62, local 112  
Building 62, Room 112  
Alouette  
Québec  
G0V1A0

<b>Title - Sujet</b> Firing valve	
<b>Solicitation No. - N° de l'invitation</b> W7701-145755/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> W7701-145755	<b>Date</b> 2014-01-29
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$BAL-002-15786	
<b>File No. - N° de dossier</b> BAP-3-36235 (002)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2014-02-24</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Larouche, Denise	<b>Buyer Id - Id de l'acheteur</b> bal002
<b>Telephone No. - N° de téléphone</b> (418) 677-4000 (4137)	<b>FAX No. - N° de FAX</b> (418) 677-3288
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

Instructions: See Herein

Instructions: Voir aux présentes

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

**AMENDMENT 001:**

**Reference Appendix A - see attached drawing**

**Answers to questions in this application Request For Proposal:**

**Q:1**

Our company does not have a product direct off the shelf and as such, our delivery would likely be 6-9 months after receipt of an order. Your solicitation asks for March 31, 2014 as desired delivery. Would a date such as September-November 2014 be considered or disqualified immediately?

**A:1**

March 31, 2014 is a desired date delivery but we will accept maximum of 3 months after reception of an order.

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**Q:2**

Will the End User be Canada or is an export possible?

**A:2**

Only in Canada

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**Q:3**

Will a US company be considered?

**R:3**

Yes

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**Q:4**

The solicitation asks for 2 each. Are there future opportunities or is this a 1 time solicitation?

**A:4**

As specified, on solicitation

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**TECHNICAL QUESTIONS:**

**Q:1**

What is the flow rate in SCFM of the helium?

**A:1**

We are not considering the value in SCFM, Gas comes from a 6000 psi helium cylinder and flows through a tube with a specific diameter (I.D.)

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**Q:2**

Must a ball valve design be used or will other valve types be considered-(i.e.In line valve concept similar to my attached valve)

**A:2**

As specified, Ball valve NC, normally closed

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**Q:3**

Is there flexibility with respect to the 2.5 millisecond opening time? Is that the time for the valve to initiate opening or be fully open?

**A:3**

As specified, fully open in 2.6 ms (not 2.5ms), faster opening will be accepted

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**Q:4**

How long is the valve to remain open? Is there a time limit or requirement on the closing time?

**A:4**

As specified, the valve should remain open while the 2 buttons activation system (for the security reasons) are depressed manually. The valve which is normally closed (NC), will return to the closed position after the 2 buttons activation system is released.

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**Q:5**

Any preference on the Materials of construction?

**A:5**

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Amd. No. - N° de la modif.

001

File No. - N° du dossier

BAP-3-36235

Buyer ID - Id de l'acheteur

ba1002

CCC No./N° CCC - FMS No/ N° VME

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As specified, stainless steel and aluminium for the metallic parts and Viton A and Buna N for the 'O' ring

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**Q:6**

We will assume 6000 psig operating pressure and 9000 psig proof pressure for main valve stage.

**A:6**

Yes for 6000 psig and the security standards should be applied for the proof pressure

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**Q:7**

Is there any environmental testing required? Shock Testing Vibration Testing cycle Testing, etc.,

**R:7**

No

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**Q:8**

Will the valve be line mounted only?

**R:8**

Yes

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SCHEMATIC DIAGRAM OF THE GAS-GUN FACILITY

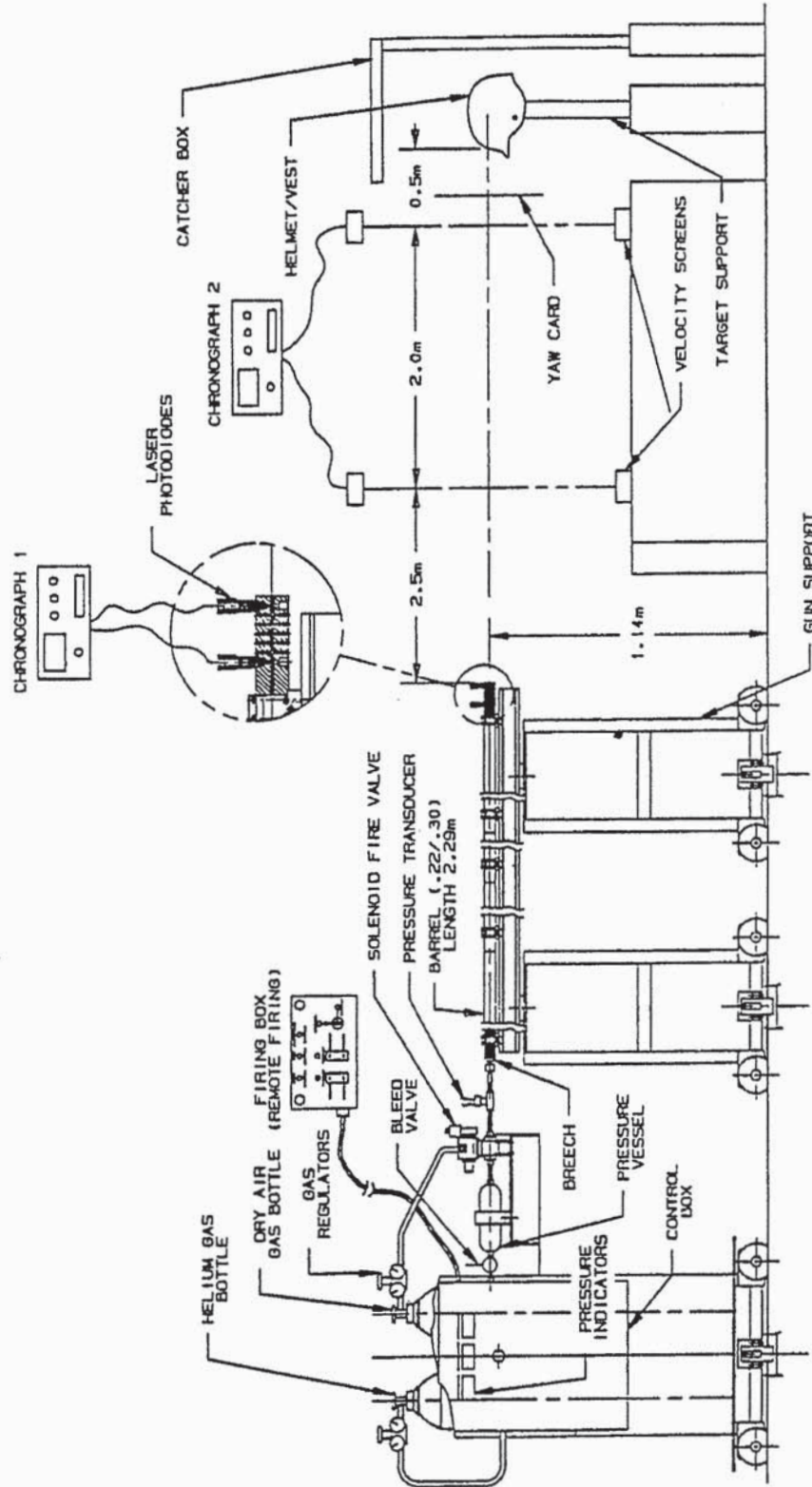


Figure 3 Schematic Diagram of the Gas-Gun Facility

ANNEXE «A» / ANNEX «A»

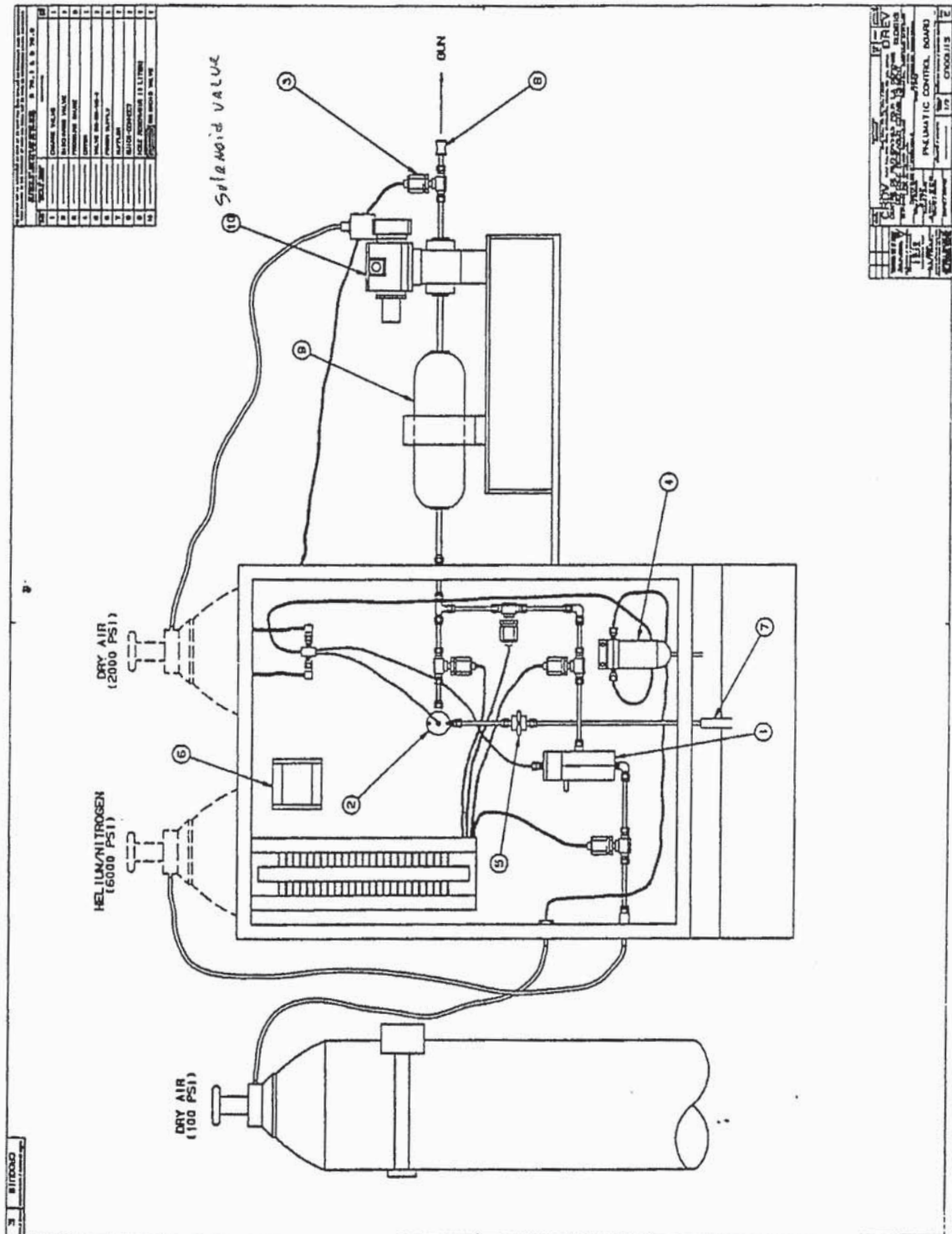


Figure 4 Pneumatic Control Panel