



**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Bid Receiving Public Works and Government  
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Canada  
1713 Bedford Row  
Halifax, N.S./Halifax, (N.É.)  
B3J 1T3  
Nova Scotia  
Bid Fax: (902) 496-5016

**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**  
Atlantic Region Acquisitions/Région de l'Atlantique  
Acquisitions  
1713 Bedford Row  
Halifax, N.S./Halifax, (N.É.)  
B3J 3C9  
Nova Scot

<b>Title - Sujet</b> Laser Cutting Machine	
<b>Solicitation No. - N° de l'invitation</b> W355B-171550/A	<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b> W355B-17-1550	<b>Date</b> 2017-05-17
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$HAL-309-10091	
<b>File No. - N° de dossier</b> HAL-6-77149 (309)	<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 2017-05-26</b>	
<b>Time Zone</b> Fuseau horaire Atlantic Standard Time AST	
<b>F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes</b>	
<b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Dunne, Dave	<b>Buyer Id - Id de l'acheteur</b> hal309
<b>Telephone No. - N° de téléphone</b> (902) 496-5174 ( )	<b>FAX No. - N° de FAX</b> (902) 496-5016
<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 #4

Please note the following Q&A's and resulting revisions to the tender:

1. Q.) The document states a shuttle/pallet changer is not required for the laser system. Can this item be amended to include a shuttle/pallet changer? Today, the majority of manufacturers supply shuttle/pallet changers due to the increased efficiency of the laser machine. This has become even more common/critical with the development of fiber and the increased productivity of these machines. Please confirm if a bid will be accepted if manufacturers include machines with shuttle/pallet changer.
  - A.) The total foot print including the dust collection system and chiller system, can be no more than 32.5 feet (ft.) by 19 ft. If a machine has a shuttle/pallet changer and does not exceed the specification written here, we will accept it. We are very limited for space. The total foot print includes the 3 foot maintenance area around the machine.
2. Q.) Under section 6.0 Functions and Standard Features, the majority of the options listed (controlLine, nitroline, pierceLine, Autoprofiler calibration) are geared to two different manufacturers Trumpf & Mazak. I do not believe their technology should be included in this tender and puts many manufacturers at a disadvantage.
  - A.) The functions and standard features; or equivalent.
    - A.) ControlLine; keeps a stable distance between material and nozzle
    - B.) NitroLine; Monitors and helps stabilize stainless steel cutting.
    - C.) PierceLine; This reduces stress on the material and machine and shortens pierce time greatly.
    - D.) Autoprofiler; Keeps a stable distance between material and nozzle.
3. Q.) Under section 3.0, point B. the document states the generation system should have a generator style LD Excited Yb fiber. This typically falls under a Rofin or IPG fibre laser source and used by 95% of the laser manufacturers today. Although a number of specs were written for Trumpf (no pallet changer, controlLine, nitroline, pierceLine) does this mean they will be excluded since they use a Trudisc style generation system and not a conventional fibre laser source? The Trumpf Trudisc source is proprietary and only used by their company which means all parts and service must come directly from them at their price. This will make it very difficult for Canada to source parts, labour if they are chosen, See the following article: <http://www.machinery.co.uk/machinery-features/fibre-lasers-versus-co2-lasers-for-profiling-sheet-metal/33270/>
  - A.) Generation system; LD Excited Yb fiber or equivalent are acceptable
4. Q.) Under section 2.0, point k. The table load of 2,100 pounds seems extremely excessive based on the 2kw specification and max cutting conditions. Could you please re-evaluate and reduce to a minimum of 750kg. This is a more acceptable table load based on the 2kw specification
  - A.) Section 2.0, K) Table load; revised to: must carry a minimum of 1,500 lbs
5. Q.) Request to include a 1.03um laser wave length: There are two wave lengths achieved by fiber guided lasers, 1.03 and 1.07, both are exceptional quality laser beams and differ only through how diode light is converted to the final laser beam. Both laser beam wave lengths cut exceptionally well and neither is considered superior or provide a better cut quality versus the other.
  - A.) Laser wave length; must be at least 1.03um. (Please note, where laser wave length reads "1.07um", it is now replaced with "1.03um or greater" throughout the solicitation).

All other terms and conditions remain unchanged.