



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

**Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions Travaux  
publics et Services gouvernementaux Canada**  
Pacific Region  
401 - 1230 Government Street  
Victoria, B.C.  
V8W 3X4  
Bid Fax: (250) 363-3344

**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**  
Public Works and Government Services Canada -  
Pacific Region  
401 - 1230 Government Street  
Victoria, B. C.  
V8W 3X4

<b>Title - Sujet</b> ALUMINIUM & STEEL PLATFORMS	
<b>Solicitation No. - N° de l'invitation</b> F1705-160145/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> F1705-160145	<b>Date</b> 2016-11-28
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$VIC-246-7114	
<b>File No. - N° de dossier</b> VIC-6-39154 (246)	<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 2017-01-04</b>	
<b>Time Zone</b> Fuseau horaire Pacific Standard Time PST	
<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> Kobenter, Hélène	<b>Buyer Id - Id de l'acheteur</b> vic246
<b>Telephone No. - N° de téléphone</b> (250) 508-7491 ( )	<b>FAX No. - N° de FAX</b> (250) 363-3344
<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> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<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 002 raised to amend the welding certification requirements as follows:**

**UNDER PART 5 – Section 5.3 - Additional Certifications Precedent to Contract Award**

**Delete as shown.**

**Insert:**

**5.3 Additional Certifications Precedent to Contract Award**

**5.3.1 Welding Certification**

1. Welding must be performed by a welder certified by the Canadian Welding Bureau (CWB) for the following Canadian Standards Association (CSA) standards:
  - a. CSA W47.1 (current version), Certification of Companies for Fusion Welding of Steel (Minimum Division level 2.1) [and/or CSA W55.3 for resistance welding of structural components](#);
  - b. CSA W47.2 (current version), Certification of Companies for Fusion Welding of Aluminum (Minimum Division level 2.1) [and/or CSA W55.3 for resistance welding of structural components](#).
2. Before contract award and within three (3) calendar days of the written request by the Contracting Authority, the successful Bidder must submit evidence demonstrating its and its subcontractor's certification by CWB in accordance with the CSA welding standards.

**UNDER PART 7 – Section 7.9.2 - Welding Certification – Contract**

**Delete as shown.**

**Insert:**

**7.9.2 Welding Certification - Contract**

1. The Contractor must ensure that welding is performed by a welder certified by the Canadian Welding Bureau(CWB) for the following Canadian Standards Association(CSA) standard(s):
  - a. CSA W47.1 (current version), Certification of Companies for Fusion Welding of Steel (Minimum Division level 2.1) [and/or CSA W55.3 for resistance welding of structural components](#);
  - b. CSA W47.2 (current version), Certification of Companies for Fusion Welding of Aluminum (Minimum Division level 2.1) [and/or CSA W55.3 for resistance welding of structural components](#).
2. In addition, welding must be done in accordance with the requirements of the applicable drawings and specifications.
3. Before the commencement of any fabrication work, and upon request from the Project Authority, the Contractor must provide approved welding procedures and/or a list of welding personnel they intend to use in the performance of the Work. The list must identify the CWB welding procedure qualifications attained by each of the personnel listed and must be accompanied by a copy of each person's current CWB certification to CSA welding standards.

**UNDER APPENDIX A.1 TO ANNEX A – MANDATORY TECHNICAL EVALUATION CRITERIA:  
 Delete as shown.**

**Insert:**

**APPENDIX A.1 TO ANNEX A – MANDATORY TECHNICAL EVALUATION CRITERIA**

A Bid must comply with the requirements of the Solicitation and meet all mandatory technical evaluation criteria listed below to be declared responsive and given further consideration in the evaluation process.

In order to facilitate the evaluation of the bid, Canada requests that bidders address and present topics in the order of the evaluation criteria under the same headings

<b>A.1 Mandatory Technical Evaluation Criteria</b>		<b>Complies</b>	<b>Does not comply</b>
<p><b>Bidders must submit the following technical information <u>with their bid</u>.</b></p> <p><b>Failure to provide this information with the bid will render the bid non-responsive.</b></p>			
a)	<p><b><u>Draft Schedule of Work</u></b></p> <p>Bidders must submit with their bid a draft Schedule of Work in accordance with section 1.3 of Section 01 11 00 – Summary of Work at Appendix A.2 of Annex A which demonstrates the Bidder's ability to meet delivery at destination by no later than <b>May 30, 2017</b> based on an estimated award date of January 17, 2017 for five (5) aluminium single pile platform and five (5) 8ft X 10ft galvanized steel platform structure.</p>		
<p><b>If not submitted with their bid, Bidders must be prepared to submit the following additional information within three (3) calendar days of the written request by the PWGSC Contracting Authority.</b></p> <p><b>Failure to provide this information within the timeframe specified will render the bid non-responsive.</b></p>			
b)	<p><b><u>Proof of Welding Certification</u></b></p> <p>Bidders must submit proof of their and their subcontractor's certification by the Canadian Welding Bureau (CWB) for the following Canadian Standards Association (CSA) standards:</p> <p>a. CSA W47.1 (current version), Certification of Companies for Fusion Welding of Steel (Minimum Level 2.1) <a href="#">and/or CSA W55.3 for resistance welding of structural components</a>;</p> <p>b. CSA W47.2 (current version), Certification of Companies for Fusion Welding of Aluminum (Minimum Level 2.1) <a href="#">and/or CSA W55.3 for resistance welding of structural components</a>;</p>		

<b>A.1 Mandatory Technical Evaluation Criteria</b>		<b>Complies</b>	<b>Does not comply</b>
<b>c)</b>	<p><b><u>Corporate Experience</u></b></p> <p>Bidders must provide details of three (3) contracts completed within the last five (5) years, which are similar in scope and value to the requirement detailed in Annex A for aluminium single pile platforms and 8ft X 10ft galvanized steel platform structures.</p> <p>Each contract reference should include the following details:</p>		
<b>c.1</b>	<p><b><u>Contract Reference No. 2</u></b></p> <ol style="list-style-type: none"> <li>1. Contract Description</li> <li>2. Start Date</li> <li>3. End Date</li> <li>4. Description of design services provided</li> <li>5. Description of fabrication services provided</li> <li>6. Contract value \$ _____</li> <li>7. Client/Company name and contact information whom Canada may contact directly to verify the information provided, if required.</li> </ol>		
<b>c.2</b>	<p><b><u>Contract Reference No. 2</u></b></p> <ol style="list-style-type: none"> <li>1. Contract Description</li> <li>2. Start Date</li> <li>3. End Date</li> <li>4. Description of design services provided</li> <li>5. Description of fabrication services provided</li> <li>6. Contract value \$ _____</li> <li>7. Client/Company name and contact information whom Canada may contact directly to verify the information provided, if required.</li> </ol>		
<b>c.3</b>	<p><b><u>Contract Reference No. 3</u></b></p> <ol style="list-style-type: none"> <li>1. Contract Description</li> <li>2. Start Date</li> <li>3. End Date</li> <li>4. Description of design services provided</li> <li>5. Description of fabrication services provided</li> <li>6. Contract value \$ _____</li> <li>7. Client/Company name and contact information whom Canada may contact directly to verify the information provided, if required.</li> </ol>		

N° de l'invitation - Solicitation No.  
F1705-160145/A  
N° de réf. du client - Client Ref. No.  
F1705-160145

N° de la modif - Amd. No.  
**Amd 002**  
File No. - N° du dossier  
VIC-6-39154

Id de l'acheteur - Buyer ID  
vic246  
N° CCC / CCC No./ N° VME - FMS

---

**UNDER APPENDIX A.2 TO ANNEX A – Related Documents only (no changes to the structural drawings):**

**Delete as shown.**

**Insert:**

**Related Documents ([revised on 2016-11-28 – See next pages](#)):**

Section 05 12 23 – Prefabricated Platform Structures - Structural Steel (3 pages)

Section 05 14 11 – Prefabricated Platform Structures - Structural Aluminum (3 pages)

**All other terms and conditions of the solicitation remain unchanged.**



---

**Part 1            General**

**1.1                RELATED SECTIONS**

- .1            Section 01 11 00 – Summary of Work.

**1.2                REFERENCES**

- .1            American Society for Testing and Materials International, (ASTM)
  - .1            ASTM A325-[02], Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength.
  - .2            ASTM A325M-[00], Specification for High-Strength Bolts for Structural Steel Joints [Metric].
- .2            Canadian Standards Association (CSA International)
  - .1            CAN/CSA G40.20/G40.21-[98], General Requirements for Rolled or Welded Structural Quality Steel/Structural Quality Steel.
  - .2            CAN/CSA-G164-[M92(R1998)], Hot Dip Galvanizing of Irregularly Shaped Articles.
  - .3            CAN/CSA-S16-[01], Limit States Design of Steel Structures.
  - .4            CAN/CSA-S136-[94(R2001)], Cold Formed Steel Structural Members.
  - .5            CSA-S136.1-[95(R2001)], Commentary on CSA Standard S136.
  - .6            CSA W47.1-[92(R2001)], Certification of Companies for Fusion Welding of Steel Structures.
  - .7            CSA W48-[01], Filler Metals and Allied Materials for Metal Arc Welding.
  - .8            CSA W55.3-[1965(R1998)], Resistance Welding Qualification Code for Fabricators of Structural Members Used in Buildings.
  - .9            CSA W59-[M1989(R2001)], Welded Steel Construction (Metal Arc Welding) [Metric].

**1.3                SHOP DRAWINGS**

- .1            Submit shop drawings within 14 days of award of the Contract including fabrication, shop details, and material lists.

**1.4                QUALITY ASSURANCE**

- .1            If requested by the CCG Technical Authority, the Contractor is to submit up to 2 copies of mill test reports 4 weeks prior to fabrication of structural steel. Mill test reports shall be certified by metallurgists qualified to practice in province of British Columbia, Canada.

**1.5                WASTE MANAGEMENT AND DISPOSAL**

- .1            Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .2            Divert unused metal from landfill to a certified metal recycling facility.



---

**Part 2 Products**

**2.1 MATERIALS**

- .1 Structural steel: to CAN/CSA-G40.20/G40.21
- .2 Anchor rods: to ASTM-A307 Galvanized or ASTM-A193 SS
- .3 Bolts, nuts and washers: to ASTM A325 Galvanized
- .4 Welding materials: to CSA W59 and certified by Canadian Welding Bureau.
- .5 Hot dip galvanizing: galvanize steel, where indicated, to CAN/CSA-G164, minimum zinc coating of 600 g/m<sup>2</sup>.

**2.2 FABRICATION**

- .1 Fabricate structural steel in accordance with CAN/CSA-S16 and in accordance with approved shop drawings.

**Part 3 Execution**

**3.1 GENERAL**

- .1 Structural steel work: in accordance with CAN/CSA-S16
- .2 Welding: in accordance with CSA W59.
- .3 Companies to be certified under Division 2.1 of CSA W47.1 for fusion welding of steel structures and/or CSA W55.3 for resistance welding of structural components.

**3.2 FIELD QUALITY CONTROL**

- .1 Inspection and testing of materials and workmanship will be carried out by testing laboratory designated and paid for by the CCG Technical Authority.
- .2 Provide safe access and working areas for testing on site, as required by testing agency and as authorized by the CCG Technical Authority.
- .3 Submit test reports to the CCG Technical Authority within 1 week of completion of inspection.

**3.3 RESPONSIBILITY AND DUTIES OF THE TESTING AGENCY**

- .1 Testing Agency is responsible to the CCG Technical Authority and has the authority to, and is expected to, reject any work not meeting the specifications.
- .2 Review the structural drawings and specifications prior to carrying out the work.
- .3 Provide testing as per the Standards and as per this specification.



- .4 Provide timely test reports to the CCG Technical Authority and Contractor.

**END OF SECTION**



---

**Part 1            General**

**1.1                RELATED SECTIONS**

- .1            Section 01 11 00 – Summary of Work.

**1.2                REFERENCES**

- .1            American Society for Testing and Materials International, (ASTM)
  - .1            ASTM A325-[01], Specification for Structural Bolts, Steel, Heat Treated, 120/105ksi Minimum Tensile Strength.
  - .2            ASTM B209M-[01], Specification for Aluminum and Aluminum-Alloy Sheet and Plate [Metric].
  - .3            ASTM B210M-[00], Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric].
  - .4            ASTM B211M-[01], Specification for Aluminum and Aluminum Alloy Bar, Rod and Wire [Metric].
  - .5            ASTM F593-[01], Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs.
- .2            Canadian Standards Association (CSA International)
  - .1            CAN3-S157-[M83(R2000)], Strength Design in Aluminum.
  - .2            CSA W47.2-[M1987(R1998)], Certification of Companies for Fusion Welding of Aluminum.
  - .3            CSA W59.2-[M1991(R1998)], Welded Aluminum Construction.

**1.3                SHOP DRAWINGS**

- .1            Submit shop drawings within 14 days of award of the Contract including fabrication, shop details, and material lists.
- .2            Indicate cuts, copes, connections, holes, threaded fasteners, rivets, welds and other items. Indicate welds using welding symbols as shown in Appendix A of CSA W59.2.

**1.4                QUALITY ASSURANCE**

- .1            If requested by the CCG Technical Authority, the Contractor is to submit up to 2 copies of mill test reports showing chemical and physical properties and other details of aluminum to be incorporated into work, at least 4 weeks prior to fabrication of structural aluminum. Mill test reports shall be certified by metallurgists qualified to practice in province of British Columbia, Canada.

**1.5                WASTE MANAGEMENT AND DISPOSAL**

- .1            Divert unused metal from landfill to a certified metal recycling facility.



---

**Part 2 Products**

**2.1 MATERIALS**

- .1 Aluminum and Aluminum-Alloy Extruded Bar, Rods, Shapes, and Tubes: to be alloy grade 6061-T6.
- .2 Aluminum welding wire to be alloy grade 5356.
- .3 Stainless steel bolts: to AISI 316.

**2.2 FABRICATION**

- .1 Fabricate in accordance with the latest edition of CAN3-S157 and in accordance with approved shop drawings.

**2.3 FINISHES**

- .1 All aluminum to be clear anodized prior to fabrication.

**Part 3 Execution**

**3.1 GENERAL**

- .1 Structural aluminum work: in accordance with CAN3-S157.
- .2 Welding: in accordance with CSA W59.2.
- .3 Companies to be certified under Division 2.1 of CSA W47.2 for fusion welding of aluminum and/or CSA W55.3 for resistance welding of structural components.

**3.2 FIELD QUALITY CONTROL**

- .1 Inspection and testing of materials and workmanship will be carried out by testing laboratory designated and paid for by the CCG Technical Authority.
- .2 Provide safe access and working areas for testing on site, as required by testing agency and as authorized by the CCG Technical Authority.
- .3 Submit test reports to the CCG Technical Authority within 1 week of completion of inspection.

**3.3 RESPONSIBILITY AND DUTIES OF THE TESTING AGENCY**

- .1 Testing Agency is responsible to the CCG Technical Authority and has the authority to, and is expected to, reject any work not meeting the specifications.
- .2 Review the structural drawings and specifications prior to carrying out the work.
- .3 Provide testing as per the Standards and as per this specification.



- .4 Provide timely test reports to the CCG Technical Authority and Contractor.

**END OF SECTION**