



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

Title - Sujet ALUMINIUM & STEEL PLATFORMS	
Solicitation No. - N° de l'invitation F1705-160145/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client F1705-160145	Date 2016-12-22
GETS Reference No. - N° de référence de SEAG PW-\$VIC-246-7114	
File No. - N° de dossier VIC-6-39154 (246)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-01-04	Time Zone Fuseau horaire Pacific Standard Time PST
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Kobenter, Hélène	Buyer Id - Id de l'acheteur vic246
Telephone No. - N° de téléphone (250) 508-7491 ()	FAX No. - N° de FAX (250) 363-3344
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

Amendment 005 raised to amend the above-noted solicitation as follows:

1) Post answers to all enquiries received from potential bidders (Q&As):

Bidder enquiry # 7: Section 05 12 23 structural steel page 1 of 3 part 1.4 note .1- regards to BC registered metallurgist signing mill certs - Most steel mill certs come from out of country with the factories metallurgist signing off on it, who is not registered in BC, will this suffice or do we need to account for cost and time to have tab testing done here by a BC registered metallurgist?

CCG Response: Clause 1.4.1 Changed to: 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 the country of origin.

Bidder enquiry # 8: Section 05 14 11 structural aluminium page 1 of 3 part 1.4 note .1-if requested by CCG technical Authority to provided mill certs sealed by a BC registered metallurgist. Will mill certs from the country of origin factory ok for this? If it doesn't work on this can you specify now if they are required or not, as it will be costly and take several months to have a BC registered metallurgist sample and test the material and would need to account for these costs and timelines.

CCG Response: Clause 1.4.1 Changed to: 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 the country of origin.

Bidder enquiry # 9: Re 5.1.1 Integrity Provisions - Declaration of Convicted Offences: "In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ciif/politiquepolicy-eng.html>), the Bidder must provide with its bid the required documentation, as applicable, to be given further consideration in the procurement process." This link does not work. Can you please send the information that needs to be included in the Bid?

PWGSC Response: A working link to the *Ineligibility and Suspension Policy* is provided below. Section 17 of this Policy details the information to be provided and applicable deadlines for submitting this information to the Contracting Authority.

2) Amend the following section of the bid solicitation as follows:

Under Section 5.1.1 - Integrity Provisions - Declaration of Convicted Offences

Delete as shown.

Insert:

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ciif/politique-policy-eng.html>), the Bidder must provide with its bid the required documentation, as applicable, to be given further consideration in the procurement process.

Under Section 5.1.2 - Integrity Provisions - Required Documentation

Delete as shown.

Insert:

5.2.1 Integrity Provisions – Required Documentation

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

Under Appendix A.2 to Annex A

Delete and Replace related documents Section 05 12 23 (Prefabricated Platform Structures – Structural Steel) and Section 05 14 11 (Prefabricated Platform Structures - Structural Aluminum) with the attached revised copies dated 2016-12-21.

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). The latest editions of the following:
 - .1 ASTM A325, Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength.
 - .2 ASTM A325M, Specification for High-Strength Bolts for Structural Steel Joints [Metric].
- .2 Canadian Standards Association (CSA International). The latest editions of the following:
 - .1 CAN/CSA G40.20/G40.21, General Requirements for Rolled or Welded Structural Quality Steel/Structural Quality Steel.
 - .2 CAN/CSA-G164, Hot Dip Galvanizing of Irregularly Shaped Articles.
 - .3 CAN/CSA-S16, Limit States Design of Steel Structures.
 - .4 CAN/CSA-S136, Cold Formed Steel Structural Members.
 - .5 CSA-S136.1, Commentary on CSA Standard S136.
 - .6 CSA W47.1, Certification of Companies for Fusion Welding of Steel Structures.
 - .7 CSA W48, Filler Metals and Allied Materials for Metal Arc Welding.
 - .8 CSA W55.3, Resistance Welding Qualification Code for Fabricators of Structural Members Used in Buildings.
 - .9 CSA W59, 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 the country of origin.

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/m².

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.



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- .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 the country of origin.

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 Not applicable.

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.



Canadian Coast Guard
Marine and Civil Infrastructure

PREFABRICATED PLATFORM STRUCTURES

Section 05 14 11
STRUCTURAL ALUMINUM
(rev 2016-12-21)
Page 3 of 3

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

END OF SECTION