

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Travaux publics et Services gouvernementaux
Canada
Place Bonaventure, portail Sud-Est
800, rue de La Gauchetière Ouest
7^{ème} étage
Montréal
Québec
H5A 1L6
FAX pour soumissions: (514) 496-3822

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
Travaux publics et Services gouvernementaux Canada
Place Bonaventure, portail Sud-Est
800, rue de La Gauchetière Ouest
7^{ème} étage
Montréal
Québec
H5A 1L6

Title - Sujet Édifice polyvalent - Schefferville	
Solicitation No. - N° de l'invitation EF997-130443/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client R.042496.001	Date 2012-07-11
GETS Reference No. - N° de référence de SEAG PW-\$MTC-065-12054	
File No. - N° de dossier MTC-2-35047 (065)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-07-19	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Duval, Diane	Buyer Id - Id de l'acheteur mtc065
Telephone No. - N° de téléphone (514) 496-3864 ()	FAX No. - N° de FAX (514) 496-3822
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Travaux Publics et Services gouvernementaux Canada Aéroport de Schefferville Schefferville, Qc	

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

Solicitation No. - N° de l'invitation

EF997-130443/A

Client Ref. No. - N° de réf. du client

R.042496.001

Amd. No. - N° de la modif.

003

File No. - N° du dossier

MTC-2-35047

Buyer ID - Id de l'acheteur

mtc065

CCC No./N° CCC - FMS No/ N° VME

ADDENDUM NO: 2

Please find enclosed herewith the above-mentioned addendum which forms part of the tender documents. This addendum modifies the tender documents as indicated hereafter.

ADDENDUM No.
Project number

002
R.042496.001

The following changes in the bid documents are effective immediately. This addendum will form part of the contract documents.

DRAWINGS

1. Sheet A006 :

1.1. Add detail 08/A006 DÉMOLITION TOITURE EXISTANTE TYPE / *TYPICAL EXISTING ROOF DEMOLITION*. Refer to sketch CRA001 issued with this addendum.

2. Sheets A013 et A014 :

2.1. In title block legend, add the following note :

2.1.1.1. Sauf indication contraire, installer des plinthes de linoléum à la jonction mur/plancher / *Except as otherwise noted, install linoleum baseboards at wall/floor junctions*

3. Sheet A026 :

3.1. Add the following notes, to details 07/A026 and 08/A026 :

3.1.1.1. Marche en plaque d'acier striée peint / *Painted steel checkerplate tread*
3.1.1.2. Contre-marche en plaque d'acier peint / *Painted steel plate riser*

SPECIFICATIONS

1. Add section 07 72 69 Roof Anchors and Safety Restraints

2. Section 05 50 00 Metal Fabrication :

2.1. Add the following item to Part 2 Products :

2.11 Roof snow guard

.1 Design requirements:

- .1 Bracket spacing to be recommended by snow guard manufacturer.
- .2 Install a minimum of eight fasteners per snow guard base plate.

.2 Components:

- .1 Snow guard bracket: 6000 series Aluminium.
- .2 Base plate: 11 gage, 304 stainless steel with two 8mm 304 stainless steel machine screws welded into countersinks.
- .3 Tubing: aluminium, 6000 series, 25,4mm outside diameter and 3mm wall thickness, extruded.
- .4 Couplings: aluminium, 6000 series, external and exposed coupling which can also serve as an expansion mechanism, 127mm long.

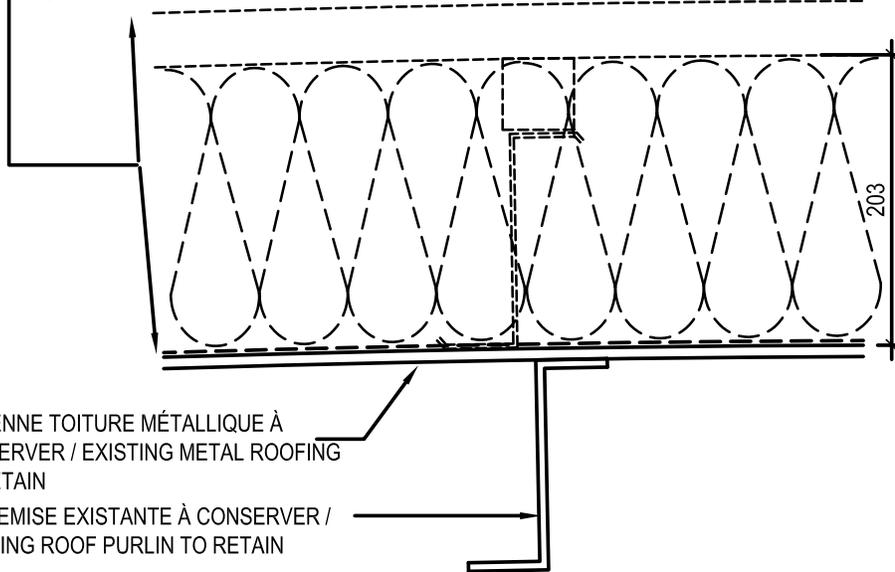
- .5 End caps, 304 stainless steel.
- .6 End collars, aluminium, 6000 series.
- .7 Ferrules: aluminium, 6000 series, 25,4mm O.D. 3mm
- .8 Fasteners to be compatible with chosen roof application and meet specified pull out values as shown in manufacturer's load test data.
- .9 Mill finish: standard.



END OF ADDENDUM 002

ÉLÉMENTS DE TOITURE EXISTANTE À DÉMOLIR / EXISTING ROOFING ELEMENTS TO DEMOLISH::

- REVÊTEMENT DE TOITURE MÉTALLIQUE / METAL PANEL ROOFING
- ISOLANT FIBRE DE VERRE 200mm / GLASS FIBRE INSULATION 200mm
- ENTREMISES 152mm AVEC BRIS THERMIQUES EN POLYSTYRÈNE / GIRTS 152mm WITH POLYSTYRENE THERMAL BREAKS
- PARE-VAPEUR EN FEUILLE / SHEET VAPOR BARRIER



ANCIENNE TOITURE MÉTALLIQUE À
CONSERVER / EXISTING METAL ROOFING
TO RETAIN

ENTREMISE EXISTANTE À CONSERVER /
EXISTING ROOF PURLIN TO RETAIN

**DÉMOLITION TOITURE EXISTANTE TYP/
TYPICAL EXISTING ROOF DEMOLITION**

08
A006

1:5



 Travaux publics et Services gouvernementaux Canada Direction générale des biens immobiliers Région du Québec	Public Works and Government Services Canada Real Property branch Quebec region 	Projet/Project Aéroport de Schefferville Schefferville Airport		Titre du dessin/Drawing title: Démolition toiture existante typ Typical existing roof demolition	
		conçu par/designed by: Peter Shupe	date: S.R.	approuvé par/approved by: S.R.	date: 2012-07-10
		dessiné par/drawn by: Peter Shupe	date: 	nom du fichier/file name CRA-001	
		révisions: ADD002	échelle/scale: 1:5		

Part 1 General**1.1 SECTION INCLUDES**

- .1 Shop fabricated roof mounted personal safety restraints.

1.2 RELATED SECTIONS

- .1 Section 07 54 19 – TPO or PVC Roofing.
- .2 Section 07 62 00 - Sheet Metal Flashing and Trim.

1.3 REFERENCES

- .1 American Society for Testing and Materials International, (ASTM).
 - .1 ASTM A167-99, Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.
 - .2 ASTM A500-03, Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes.
- .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 CSA-W47.1-92(R2001), Certification of Companies for Fusion Welding of Steel Structures.
 - .4 CSA-W55.3-65(R1998), Resistance Welding Qualification Code for Fabricators of Structural Members Used in Buildings.
- .3 Master Painters Institute (MPI).
 - .1 Architectural Painting Specification Manual.
- .4 The Society for Protective Coatings (SSPC).
 - .1 SP -2, Hand-Tool Cleaning.

1.4 SYSTEM DESCRIPTION

- .1 Personal Restraint Assembly: Posts, steel rope loops, and attachments to resist lateral forces of 3 kN at any point and in all directions, without damage or permanent set.

1.5 SUBMITTALS

- .1 Submit control submittals in accordance with Section 01 33 00 - Submittal Procedures.

1.6 SHOP DRAWINGS

- .1 Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures.

- .2 Indicate component profiles, sizes, connection attachments, reinforcing, anchorage, size and type of fasteners, and accessories. Include erection drawings, elevations, and details where applicable.
- .3 Indicate welded connections using standard welding symbols include net weld lengths.

1.7 QUALITY ASSURANCE

- .1 Submit design data in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit Test Reports and substantiating engineering data and test results of previous tests by independent laboratory which purport to meet performance criteria, and other supportive data.
- .3 Design structural support framing components and site inspect the installation under direct supervision of a Professional Structural Engineer experienced in design of this Work and licensed at the place where the Project is located.
- .4 Pre-Installation Meetings: conduct pre-installation meeting to verify project requirements, manufacturer's installation instructions and manufacturer's warranty requirements.
- .5 Co-ordinate the Work with installation of roofing assembly and sheet metal work.

1.8 WELDERS' QUALIFICATIONS

- .1 Welders Certificates: furnish welders' qualifications to Departmental Representative.
- .2 Welding qualifications to be in accordance with CSA B51.
- .3 Employ qualified and licensed welders possessing certificates for each procedure to be performed from authority having jurisdiction.
- .4 Each welder to possess identification symbol issued by authority having jurisdiction.
- .5 Certification of companies for fusion welding of steel structures to be in accordance with CSA-W47.1.
- .6 Manufacturer Qualifications: company specializing in manufacturing Products specified in this section with minimum three years documented experience.

1.9 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management And Disposal, and with Waste Reduction Workplan.
- .2 Place materials defined as hazardous or toxic waste in designated containers.

1.10 SITE CONDITIONS

- .1 Verify dimensions, tolerances, and method of attachment with other work.

Part 2 Products**2.1 MATERIALS**

- .1 Materials and resources
 - .1 Steel Sections and Plates: CSA G40.20M/G40.21.
 - .2 Steel Tubing: ASTM A500, Grade B.
 - .3 Steel Rings: forged steel, ring thickness determined by imposed loads.
 - .4 Steel Cable (between post travel restraints): minimum 9mm diameter, spiral wound multi-strand stainless steel aircraft cable.
 - .5 Bolts, Nuts, and Washers for Stainless Steel: stainless steel, matte finish.
 - .6 Gaskets Under Anchors: neoprene pads, compatible with roof membrane, cut to size.
- .2 Welding Materials: CSA-W47.1 for materials being welded.
- .3 Shop Primer: Epoxy, anti-corrosive type, two coats.

2.2 FABRICATION

- .1 Fit and shop assemble items in largest practical sections, for delivery to site.
- .2 Fabricate items with joints tightly fitted and secured.
- .3 Continuously seal joined members by intermittent welds and plastic filler.
- .4 Grind exposed joints flush and smooth with adjacent finish surface.
 - .1 Make exposed joints butt tight, flush, and hairline.
 - .2 Ease exposed edges to small uniform radius.
- .5 Exposed Mechanical Fastenings: screws or bolts; consistent with design of component.
- .6 Furnish and install components required for anchorage of fabrications.
- .7 Fabricate anchors and related components of same material and finish as fabrication, except where specifically noted otherwise.

2.3 FABRICATION TOLERANCES

- .1 Squareness: 3mm maximum difference in diagonal measurements.
- .2 Maximum Deviation From Plane: 1.5mm from 1m.

2.4 FINISHES

- .1 Prepare uncoated steel (restraint post) surfaces: SSPC-SP 2, no more than 4 hours before applying epoxy primer.
- .2 Concealed steel anchors, clean surfaces of rust, scale, grease, and foreign matter prior to finishing.
- .3 Do not prime surfaces in direct contact with concrete or where field welding is required.

- .4 Concealed Structural Components and Anchors: galvanize after fabrication to CAN/CSA-G164 to minimum 600 g/sq m galvanized coating.

Part 3 Execution

3.1 EXAMINATION

- .1 Verify dimensions, tolerances, and method of attachment with other work.

3.2 PREPARATION

- .1 Supply and install steel items required to be attached to steel framing as clean uncoated metal, with setting templates to appropriate sections.

3.3 INSTALLATION

- .1 Install items plumb and level, accurately fitted, free from distortion or defects.
- .2 Provide for erection loads, and for sufficient temporary bracing to maintain true alignment until completion of erection and installation of permanent attachments.
- .3 Field weld components as indicated on shop drawings. Perform field welding.
- .4 After erection, apply primer in accordance with MPI Painting Manual to: welds, abrasions, and surfaces not shop primed or galvanized, except surfaces to be in contact with concrete.
- .5 Thread aircraft cable through eye-lets at top of post, to linear roof coverage of post restraints; pressure crimp cable ends.

3.4 ERECTION TOLERANCES

- .1 Maximum Variation from Plumb and Level: 6 mm.

3.5 PROTECTION OF FINISHED WORK

- .1 Protect finished Work from damage.

END OF SECTION