



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Public Works and Government Services Canada  
Canada Place/Place du Canada  
10th Floor/10e étage  
9700 Jasper Ave/9700 ave Jasper  
Edmonton  
Alberta  
T5J 4C3  
Bid Fax: (780) 497-3510

**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  
Canada Place / Place du Canada  
10th Floor / 10e étage  
9700 Jasper Ave / 9700 ave Jasper  
Edmonton  
Alberta  
T5J 4C3

<b>Title - Sujet</b> Roof Replacement - GOCB Ft Smith	
<b>Solicitation No. - N° de l'invitation</b> EW038-210559/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> EW038-210559	<b>Date</b> 2020-08-05
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-066-11864	
<b>File No. - N° de dossier</b> PWU-0-43047 (201)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-08-11</b>	<b>Time Zone Fuseau horaire Mountain Daylight Saving Time MDT</b>
<b>F.O.B. - F.A.B.</b>	
<b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Ho, Hector	<b>Buyer Id - Id de l'acheteur</b> pww201
<b>Telephone No. - N° de téléphone</b> (780) 901-0989 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction: 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 Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur</b>	
<b>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)</b>	
<b>Signature</b>	<b>Date</b>

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**This amendment has been raised to make the address the following:**

**Please see addendum #001**

**QUESTION:**

Is the intent to award this contract & still have the work done this fall? Or can it be done spring of 2021?

**ANSWER:**

The intent is to have substantial performance by this fall. No construction work is contemplated in the spring of 2021

**QUESTION:**

Can the roof warranty 1.7.1.1 15 year material (manufacture?) & 2 year workmanship?(CRCA) be confirmed?

**ANSWER:**

Roof warranty to be 10 years. Workmanship to be 2 years.

**QUESTION:**

As the reroofing operations can be noisy & distributive, can the people inside be moved to other locations in the building to avoid issues? Shut downs are very expensive & this get hard to control

**ANSWER:**

The people inside will not be relocated, and all operations in the building will continue as the construction progresses. Refer to Section 01 14 00 Work Restrictions 1.2.1

**QUESTION:**

On the details; - Detail 4-A02 wall detail this does not conform to CRCA or any manufacture detail. It requires minimum of 8" above the finish roof height. With the base layers & tapered insulation we cannot achieve this

**ANSWER:**

The detail is to be constructed as designed. The height between the finished roof and the masonry is to be verified on site.

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The detail should be built as per the drawings. In order to prevent an increased cost, PSPC has expressed a preference for maintaining the masonry as is. If the site conditions do not allow for a sufficient height, the detail will be modified prior to the beginning of construction.

**QUESTION:**

Can you please identify what the anticipated start date and required completion date are for this project.

**ANSWER:**

Anticipated Start date: 2020-08-25. Anticipated substantial performance date: 2020-11-03

**QUESTION:**

Has anyone requested an extension on the project at this time?

**ANSWER:**

As of 2020-07-31 There has been one request of closing date extension.

**QUESTION:**

The roofing system calls for fully adhered. With installation during the months of October, November, December should we look to revise this to a mechanically fastened system?

**ANSWER:**

Due to a large amount of conduit anchored to the deck, we do not advise the use of mechanical fastening. Two-part, low-rise, polyurethane adhesives can be installed at low temperatures. Appropriate storage of the materials prior to use is expected as per manufacturer's instructions.

**QUESTION:**

- Can you confirm if we are to provide pricing for the independent testing of
- a. Air leakage testing for roof
  - b. Independent roof inspection including 3 roof inspections
  - c. Static verification of existing mechanical systems
  - d. Sampling and testing of existing roof systems for Asbestos

**ANSWER:**

- Air leakage testing for roof - No. Failures that result in additional site visit requirements for retesting will be charged to the contractor.
- Independent roof inspection including 3 roof inspections – No.
- Static verification of existing mechanical systems – Yes.
- Sampling and testing of existing roof systems for Asbestos – Yes.

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**QUESTION:**

Are we to assume that no torch applied walkway or pavers are being installed to replace the demolished wood walkway?

**ANSWER:**

No walkway is required.

**QUESTION:**

The new assembly for the R3 roof type on page A01 states "2 Ply SBS Mod-Bit Roofing Membrane C/W Coating" Please confirm what the Coating is in reference to.

**ANSWER:**

Addition of Section 07 56 00 – Fluid Applied Roof Coating is been issued as an addendum

**QUESTION:**

We would like to ask for a 1 week extension on the closing date.

**ANSWER:**

No extension of the closing date will be granted

**QUESTION:**

question came up concerning the satellite & communication equipment, will the owners of this equipment be looking after their own disconnecting, moving & reconnecting?

**ANSWER:**

The satellites are to be removed and replaced by the owners of this equipment.

**On Page 1 of 21, under section Address Enquiries**

**DELETE:**

Mony Lee  
(780) 224-6675

**INSERT:**

Hector Ho  
(780) 901-0989

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**On Page 5 of 21, under section SI02 ENQUIRIES DURING THE SOLICITATION PERIOD**

**DELETE:**

[mony.lee@tpsgc-pwgsc.gc.ca](mailto:mony.lee@tpsgc-pwgsc.gc.ca)

**INSERT:**

Hector.ho@tpsgc-pwgsc.gc.ca

**Part 1            General**

**1.1                REFERENCES**

- .1    ASTM International
  - .1    ASTM C794-18, Adhesion-in-Peel of Elastomeric Joint Sealants.
  - .2    ASTM C920-14a, Elastomeric Joint Sealants.
  - .3    ASTM D412-16, Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers – Tension.
  - .4    ASTM D1653-13, Standard Test Method for Water Vapor Transmission of Organic Coating Films.
  - .5    ASTM D2240-15e1, Rubber Property—Durometer Hardness.
  - .6    ASTM D2370-16, Standard Test Method for Tensile Properties of Organic Coatings.
  - .7    ASTM D2697-03 (2014), Standard Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings.
  - .8    ASTM D7281-07 (2013), Determining Water Migration Resistance Through Roof Membranes.
  - .9    ASTM G21-15, Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.
  - .10   ASTM G154-16, Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials.

**1.2                SUBMITTALS**

- .1    Product Data:
  - .1    Submit manufacturer's instructions, printed product literature and data sheets for fluid-applied roofing materials. Include product characteristics, performance criteria, finish, and limitations.
  - .2    Submit WHMIS SDS for products used on this project.
- .2    Manufacturer's Instructions: Indicate special handling criteria, installation sequence, joint and termination conditions, interface with other materials, cleaning procedures.

**1.3                DELIVERY, STORAGE AND HANDLING**

- .1    Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements, and manufacturer's written instructions.
- .2    Deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
- .3    Storage and Handling Requirements:
  - .1    Store materials indoors and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
  - .2    Replace defective or damaged materials with new.

#### **1.4 SITE CONDITIONS**

- .1 Monitor substrate and material temperature, and environmental conditions such as ambient temperature, moisture, sun, cloud cover, wind, humidity, and shade.
- .2 Ensure conditions are satisfactory to begin work and ensure conditions remain satisfactory during the installation of specified materials. Adjust materials and methods as necessary to accommodate varying project conditions. Do not install materials when conditions are unacceptable to achieve the specified results.
- .3 Precipitation and dew point: Monitor weather to ensure the project environment is dry before, and will remain dry during, the application of the specified coating and accessories. Ensure all materials and substrates remain above dew point temperature as required to prevent condensation and maintain dry conditions.
- .4 Ensure substrate and ambient temperatures are within range acceptable to manufacturer, above dew point temperature, with no dew, fog, or condensation present.

#### **Part 2 Products**

##### **2.1 SYSTEM REQUIREMENTS**

- .1 Ensure elastomeric roof coating system is compatible with substrate.
- .2 Finished roof coating: minimum thickness as per manufacturer's recommendation.

##### **2.2 ELASTOMERIC ROOF COATING**

- .1 Elastomeric roof coating as recommended by membrane manufacturer. Acceptable coating types include:
  - .1 Polyurethane.
  - .2 Butyl.
  - .3 Silicone.
  - .4 PMMA.
  - .5 SEBS.
  - .6 PVFD.
  - .7 Colour: As selected by Departmental Representative from manufacturer's standard range.

##### **2.3 ACCESSORIES**

- .1 Primers: as per manufacturer's recommendation.
- .2 Reinforcing fabric: as per manufacturer's recommendation.
- .3 Sealant: as per manufacturer's recommendation. Ensure compatibility with membranes and coatings.

**Part 3 Execution**

**3.1 MANUFACTURER'S INSTRUCTIONS**

- .1 Comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheets.

**3.2 EXAMINATION**

- .1 Verify that conditions of substrate are acceptable for roof coating application in accordance with manufacturer's written instructions.
  - .1 Visually inspect substrate.
  - .2 Inform Departmental Representative of unacceptable conditions.
  - .3 Proceed with installation only after unacceptable conditions have been remedied.
- .2 Include visual observations, qualitative analysis, and quantitative testing measures as necessary to ensure conditions are satisfactory to begin, and remain satisfactory throughout the project.
- .3 Ensure roof surfaces have positive slope.
- .4 Examine substrates to ensure roof areas have positive slope, adequate drainage, and contain no standing water from HVAC condensation or other sources.
- .5 Moisture Survey:
  - .1 Complete a moisture survey of existing roofing and flashing materials to be coated.
  - .2 Examine roofing membrane edges/laps, metal laps, foam closures, fastener seals, and other surface conditions. Eliminate trapped and concealed moisture before applying specified coating and accessories.

**3.3 PREPARATION**

- .1 Before commencing work, prepare work areas to ensure conditions are satisfactory to proceed with installation of specified materials.
- .2 Route HVAC condensate lines to roof edges or into roof drains to prevent moisture contamination and damage.
- .3 Eliminate ponding water conditions. Ensure roof surfaces have positive roof slope.
- .4 Ensure roof surfaces to be coated are free of standing water.
- .5 Protect adjacent areas from damage, overspray, and spillage of coating materials.
- .6 Prepare roof surface to be coated in accordance with manufacturer's recommendations.

**3.4 PRIMER APPLICATION**

- .1 Apply primer in accordance with manufacturer's recommendations.

**3.5 ELASTOMERIC ROOF COATING APPLICATION**

- .1 Ensure flashing grade materials and sealants are cured prior to applying coating.
- .2 Apply by spray or roller in accordance with manufacturer's instructions.
- .3 Apply coating evenly and free of pinholes.

**3.6 PROTECTION**

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by roof coating application.

**END OF SECTION**