



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave. Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6  
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  
ATB Place North Tower  
10025 Jasper Ave./10025 ave Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6

<b>Title - Sujet</b> Bowden Roof Upgrade	
<b>Solicitation No. - N° de l'invitation</b> EP922-183351/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> CSC	<b>Date</b> 2018-05-07
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-183-11355	
<b>File No. - N° de dossier</b> PWU-7-40267 (183)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-05-14</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> Tikhonovitch (RPC), Alex	<b>Buyer Id - Id de l'acheteur</b> pwu183
<b>Telephone No. - N° de téléphone</b> (780) 901-7940 ( )	<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>

## Addendum No. 1

**Date:** May 4, 2018  
**Location:** Bowden, AB

**Project #:** R.083696.001  
**Project Name:** BOWDEN INSTITUTION, A18  
REPAIR AND B21 ROOF REPLACEMENT

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## Addendum No. 1

This addendum forms part of the tender documents and modifies them as here-in stated. The following sections of the drawings and specifications have been modified.

### Specifications

**Item 1** Section: 01 14 10 - Security Restrictions, Delete and replace 1.4 Construction Employees with the following:

Security clearances:

- .1 Personnel employed and work on the site must a valid form of identification with picture, i.e. Driver's License or Passport.
- .2 The General Contractor must submit a bi-weekly list of staff names and the names any sub-trades and associated staff that are to be working on site.

Security escort:

- .1 Personnel employed on this project must be escorted at all times when on site.
- .2 Submit an escort request to Departmental Representative at least 7 days before service is needed. For requests submitted within time noted above, costs of security escort will be paid for by Departmental Representative. Cost incurred by late request will be Contractor's responsibility.
3. The costs (minimum 4 hours) incurred by the result of the cancelation of Commissionaire escort with less than 48 notification will be Contractor's responsibility.

**Item 2.** Section 07 52 00 – Modified Bituminous Membrane Roofing, delete and replace 1.4.2 (Quality Assurance) with the following:

Installer to be a member in good standing with the ARCA (Alberta Roofing Contractors Association) or CRCA (Canadian Roofing Contractors Association).

**Item 3.** Section 07 52 00 – Modified Bituminous Membrane Roofing, delete and replace 1.10.4 (Warranty) with the following:

Roofing system has been constructed by a member of the ARCA or CRCA. Contractor shall obtain, on behalf of the Departmental Representative, an ARCA Fifteen Year Warranty Certificate, or Manufacturers 20 Year Warranty Certificate for the performance of Contractor's obligations under the extended warranty.

**Item 4.** Section 07 52 00 – Modified Bituminous Membrane Roofing, delete and Replace 2.9.2 & 2.9.3 (Membrane) Roofing Cap Sheet Membrane for field Surfaces and flashing and Parapets (Thermofusible membrane) with the following:

**Roofing Cap Sheet Membrane for Field Surfaces**

Description: Roofing membrane composed of SBS modified bitumen with a composite reinforcement and elastomeric bitumen. The surface is protected by coloured granules. The underface is covered with a thermofusible plastic film.

In conformance with: ASTM D6162.

Properties:	MD	XD
Strain energy (kN/m)	7.8	7.2
Breaking strength (kN/m)	15	13.5
Ultimate elongation (%)	60	65
Tear resistance (N)	125	
Static puncture resistance (N)	560	
Dimensional stability (%)	0.2	0
Plastic flow (°C)	≥ 110	
Cold bending at -30 °C	No cracking	
Lap joint strength (kN/m)	Pass > 4 kN/m	

**Roofing Cap Sheet Membrane for Flashings and Parapets**

Description: Roofing membrane composed of SBS modified bitumen with a composite reinforcement and elastomeric bitumen. The surface is protected by coloured granules. The underface is covered with a thermofusible plastic film.

In conformance with: ASTM D6162.

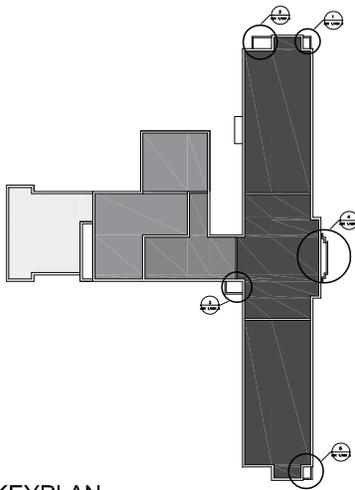
Properties:	MD	XD
Strain energy (kN/m)	7.8	7.2
Breaking strength (kN/m)	15	13.5
Ultimate elongation (%)	60	65
Tear resistance (N)	125	
Static puncture resistance (N)	560	

Dimensional stability (%)	0.2	0
Plastic flow (°C)	≥ 110	
Cold bending at -30 °C	No cracking	
Lap joint strength (kN/m)	Pass > 4 kN/m	

## **Architectural**

**Item 5.** Clarification: small roof areas to be included on the scope of work, refer to attached ASK #1&2 for locations.

**End of Addendum No.1 – May 4, 2018**



KEYPLAN

**GENERAL NOTES**

1. DO NOT SCALE DRAWINGS.
2. CO-ORDINATE INFORMATION FROM ALL ARCHITECTURAL DOCUMENTS. IF DISCREPANCIES ARE FOUND REPORT THEM TO THE DEPARTMENTAL REPRESENTATIVE.
3. CONFIRM ALL DIMENSIONS ON SITE AND REPORT ALL DISCREPANCIES TO A DEPARTMENTAL REPRESENTATIVE.
4. ALL WORK IS TO COMPLY WITH THE REQUIREMENTS OF THE 2015 NATIONAL BUILDING CODE AND LOCAL ORDINANCES
5. CO-ORDINATE DIMENSIONS REQUIRED FOR THE FITTING OF ALL COMPONENTS AS NECESSARY TO ENSURE THEIR SOUND INSTALLATION AND OPERATION UPON COMPLETION.
6. DEPARTMENTAL REPRESENTATIVE HAS FIRST RIGHT OF REFUSAL FOR SALVAGE ITEMS IN LOCATIONS SPECIFIED.

**LEGEND**

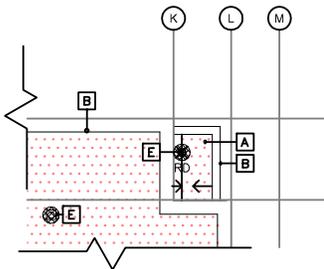
- SLOPE 2%
- ⊗ ROOF DRAIN
- ← SC SCUPPER

**KEYNOTES**

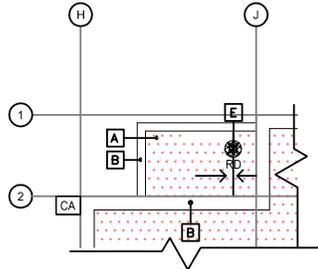
- A** REMOVE EXISTING ROOF SYSTEM DOWN TO EXISTING ROOF DECK TYPICAL.
- B** REMOVE EXISTING CAP FLASHING ON PARAPETS.
- D** REMOVE EXISTING FLASHING.
- E** REMOVE EXISTING ROOF DRAINS TO BE REPLACED.
- C** EXISTING SCUPPER TO BE REPLACED.
- H** EXISTING DOWNSPOUT TO BE REPLACED.

**NOTE**

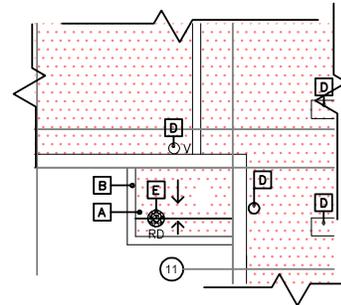
- ALL EXISTING ROOF MATERIALS ARE TO BE REMOVED DOWN TO EXISTING ROOF DECK.
- REPLACE OR REPAIR ALL PARAPETS AND CAP METAL FLASHINGS.
- MECHANICAL EQUIPMENT TO BE LIFTED TO ENSURE THE PROPER WATERPROOFING ON THE CURBS.
- MINIMUM INSULATION THICKNESS OF R-30 IS REQUIRED ON BOTH BUILDINGS, CONTRACTOR TO ENSURE A MINIMUM OF R-20 ROOF INSULATION IS MAINTAINED AT ALL PENETRATIONS.



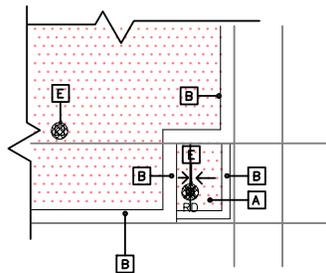
1 / ASK 1



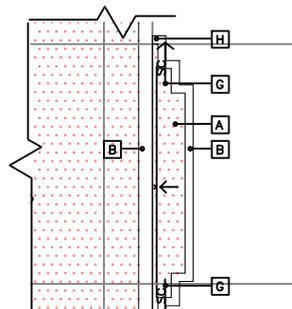
2 / ASK 1



3 / ASK 1



4 / ASK 1



5 / ASK 1

**DEMO ROOF**



SCALE: N/S  
 ISSUED: MAY 03, 2018  
**ASK. # 1**

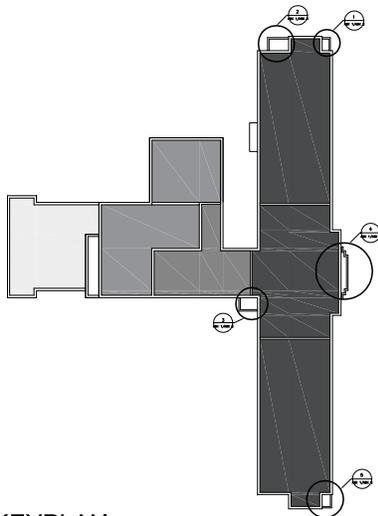
ISSUED FOR:  
**ADDENDUM #1**  
 PROJECT TITLE  
**BOWDEN INSTITUTION**

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DRAWN: JE

CHECKED: CGR

04/05/2018 9:18:00 AM



**KEYPLAN**

**GENERAL NOTES**

1. DO NOT SCALE DRAWINGS.
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3. CONFIRM ALL DIMENSIONS ON SITE AND REPORT ALL DISCREPANCIES TO A DEPARTMENTAL REPRESENTATIVE.
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6. DEPARTMENTAL REPRESENTATIVE HAS FIRST RIGHT OF REFUSAL FOR SALVAGE ITEMS IN LOCATIONS SPECIFIED.

**LEGEND**

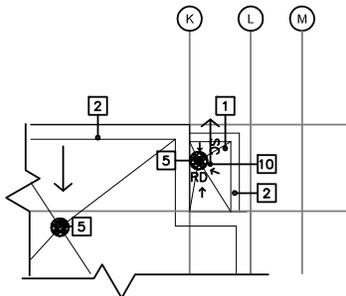
- SLOPE 2%
- ⊗ ROOF DRAIN
- ← SC SCUPPER

**KEYNOTES**

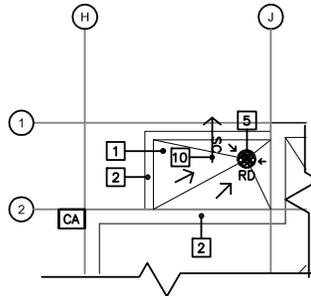
- 1 RE-ROOF WITH NEW ROOF ASSEMBLY; REFER TO ROOF ASSEMBLIES.
- 2 INSTALL NEW CAP FLASHING ON PARAPETS TO MATCH EXISTING.
- 4 INSTALL NEW FLASHING; REFER TO SPECS.
- 5 INSTALL NEW ROOF DRAIN.
- 10 INSTALL OVERFLOW SCUPPER.
- 11 NEW SCUPPER TO BE INSTALLED.
- 12 NEW DOWNSPOUT TO BE INSTALLED C/W CONCRETE SPLASH PADS.

**NOTE**

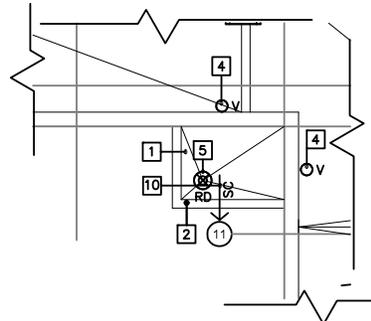
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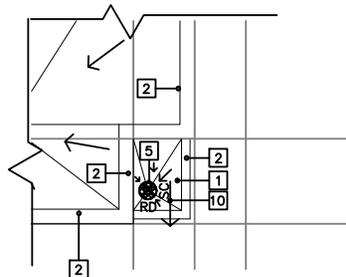
1 / ASK 2



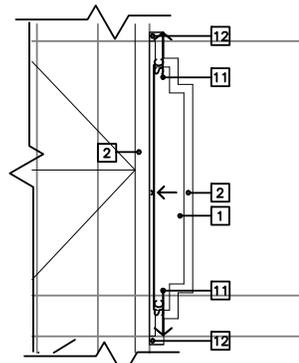
2 / ASK 2



3 / ASK 2



4 / ASK 2



5 / ASK 2

**ROOF REPLACEMENT**



berry architecture  
+associates

SCALE: N/S

ISSUED: MAY 04, 2018

**ASK. # 2**

ISSUED FOR:

**ADDENDUM #1**

PROJECT TITLE

**BOWDEN INSTITUTION**

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