



**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> Modernisation des systèmes d'alarme	
<b>Solicitation No. - N° de l'invitation</b> EW038-191179/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> NRCan	<b>Date</b> 2018-08-31
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-004-11428	
<b>File No. - N° de dossier</b> PWU-8-41094 (004)	<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 2018-09-10</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Mountain Daylight Saving Time MDT
<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> Espedido, Karieleen K.	<b>Buyer Id - Id de l'acheteur</b> pwu004
<b>Telephone No. - N° de téléphone</b> (780) 497-3859 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> NRCan Northern Forestry Centre Edmonton, AB (See Herein)	

**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> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<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>

Solicitation No. - N° de l'invitation  
EW038-191179/A

Amd. No. - N° de la modif.  
001

Buyer ID - Id de l'acheteur  
pwu004

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

File No. - N° du dossier  
PWU-8-41094

CCC No./N° CCC - FMS No./N° VME

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Cet amendement est d'apporter les modifications suivantes comme suit :

**N°001 DE LA MODIF**

**N°001 DE LA ADDENDA**

En Anglais voir ci-joint.

**DATE LIMITE LA DE RÉCEPTION DES SOUMISSION EST REVISÉ À: 14h00 pm le 2018-09-10.**

**FIN DE L'AMENDEMENT**

**Stantec Consulting Ltd.**  
10160 112 Street  
Edmonton AB T5K 2L6  
Phone: (780) 917-7000  
Fax: (780) 917-7330

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To: Recipient's Name  
PSPC Procurement Officer  
ATB Place Nother Tower  
5th Floor, 10025 Jasper Avenue  
Edmonton, AB T5J 1S6

Distribution:

Project: NRCan Fire Alarm Replacement and  
Emergency Lighting Upgrade

File: 1147-78416

Date: August 30, 2018

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Drawing E101

1. Battery pack shown a gridline K-29 is actually in Elect room B005 at Gridline K-28.
2. Legend clarification: Legend shown "N" as a new device, on the fire alarm drawings this indicates a New device where no existing device exists. As indicated on Drawing E111 Note 1 all existing fire alarm devices which are to remain in existing locations (ie pull station, horn/strobes, smoke detectors, etc) are to be replaced with new devices.
3. On drawings E101 to E103 inclusive, incandescent lights in the service corridors should have half shading to indicate that they will be now on emergency power.

Drawing E106

4. At gridline K-21 the door hold open devices are shown, however, the doors themselves are not shown, there are doors in the corridor at gridline k-21.

Drawing E107

5. Doors at gridline L-8 require new door hold open devices connected to the fire alarm system. Contractor to provide two (2) door hold open devices one on each door and connect to the fire alarm panel such that doors release on fire alarm condition.
6. Keynote 3: and specification section 28-31-02.1.5 indicate that work is to proceed one zone at a time and that zone must be completed and verified before work can proceed to next zone. If the contractor has sufficient resources to work on multiple zones at one time then they can proceed to work on two or more zones at one time, however, work on all zones being worked must be completed without interruption (ie if zone 3 is started then this must be finished without interruption another crew can work on zone 4 at the same time)

Drawing E108

7. Keynote 3: indicates that horn/strobes and smoke detectors are to remain without modification, it is assumed that the clean agent has dry contacts within the clean agent to send a signal to the fire alarm panel for 1. Alarm condition, 2. Supervisory condition and 3. Trouble condition. If this is not the case it is incumbent of the contractor to provide the signals required for the clean agent to communicate with the fire alarm panel.

## Drawing E110

8. Elevator shaft smoke detector. It is anticipated that when the smoke detector in the elevator shaft is replaced it is only accessible through the top of the elevator. As such the contractor is responsible for contacting Kone the elevator maintenance people and coordinate with them to gain access to the smoke detector at the top of the elevator shaft. This smoke detector will also have to be accessed during the Fire Alarm Verification. The cost for the elevator maintainer to come to site will be borne by the installation contractor.

## Drawing E111

9. Note 4: Ensure that all fire alarm wiring is to be replaced, existing wiring is not to be reused.
10. In "Pig Barn" devices are not to set the fire alarm system into alarm but are to set off horn/strobe in the main reception are shown on drawing E107. The chemical rooms indicated on the riser diagram are the flammable rooms connect to the suppression system in the "Pig Barn"

## All Drawings General notes about demolition and removal.

11. Where emergency lights are to be removed and replaced with "Running Man" exit signs the new signs are smaller than the existing signs, paint the walls to match existing where the existing sign is removed.
12. Where emergency lighting battery packs and remote heads are to be removed, remove exposed conduit and wiring. Also remove conduit and wiring above accessible ceilings. If the conduit is concealed in walls or non-removal ceilings cut off conduit and make flush with wall, remove existing wiring which will no longer be used, cut off conduit where it enters wall, floor or ceiling patch wall and paint to match existing.
13. On the fire alarm drawings E106 to E110 it has been noted that there are more junction boxes and conduit to be removed than what is shown on the drawings. The intent is to remove all junction boxes, conduit and wiring which is no longer being used. Contractor to make a thorough examination of the facility to determine which junction boxes and conduit can be removed and remove these junction boxes, conduit and wiring. Where exposed junction boxes and conduit are to be removed, remove them, paint walls or ceiling to match existing paint. If conduit goes into an accessible ceiling then the junction boxes, conduit and wiring are to be removed paint walls and ceiling to match existing. If the conduit enters an inaccessible wall or ceiling then the wiring is to be removed from the conduit, the conduit is to be cut off flush with the wall or ceiling and wall or ceiling patched and painted to match existing.

**14. Delete:****Section 01 14 00 WORK RESTRICTIONS****Part 1 General****1.5 SECURITY**

.1 Where security has been reduced by Work of Contract, provide temporary means to maintain security.

.2 Security clearances:

*.1 Personnel employed on this project will be subject to security check. Obtain clearance, as instructed, for each individual who will require to enter premises.*

*.2 Obtain requisite clearance, as instructed, for each individual required to enter premises.*

*.3 Personnel will be checked daily at start of work shift and provided with pass which must be worn at all times. Pass must be returned at end of work shift and personnel checked out.*

*.4 Contractor's personnel will require satisfactory RCMP initiated security screening in order to complete Work in premises and on site.*

.3 Security escort:

*.1 Personnel employed on this project must be escorted when executing work in non-public areas during normal working hours. Personnel must be escorted in all areas after normal working hours.*

**Add:****Section 01 14 00 WORK RESTRICTIONS****Part 1 General****1.5 SECURITY**

- NIL security screening required, no access to sensitive information or assets. Contractor/Offeror personnel will be escorted when executing work in non-public areas during normal working hours. Personnel must be escorted in all areas after normal working hours, by authorized NRCan personnel.
- Contractor/Offeror personnel shall submit verifications of identity/information, to NRCan, prior to admittance to the premises. NRCan reserves the right to deny access to the institution, of any Contractor/Offeror personnel, at any time.

**Delete:****Section 01 11 00 SUMMARY OF WORK****Part 1 General****1.1 WORK COVERED BY CONTRACT DOCUMENTS**

*.1 Work of this Contract comprises of replacement of existing fire alarm system at the NRCan Laboratory Facility at Edmonton, Alberta including but not limited to supply installation and verification of a new fire alarm system and associated field devices and upgrade of the emergency lighting system.*

**Add:**

**Section 01 11 00 SUMMARY OF WORK**
**Part 1 General**
**1.1 WORK COVERED BY CONTRACT DOCUMENTS**
**1.2**

.1 Work of this Contract comprises of replacement of existing fire alarm system at the NRCan Northern Forestry Centre at Edmonton, Alberta including but not limited to supply installation and verification of a new fire alarm system and associated field devices and upgrade of the emergency lighting system.

15. On the tender documents for Northern Forestry fire alarm and emergency lighting upgrade. "Note 2" on prints E101 – E105 state that the exit signs are to be replaced with new running man exit signs. The Engineer has placed a note 2 symbol beside most of the exit signs, but not all. Can you please confirm if this is just a mistake or they truly do not want all the exit signs without the note 2 replaced? For example print E-102 has an exit sign shown above the 4 doorways leading from the central office hallways but only one of them has a note 2 symbol beside it.

The intent is that all exit signs shown on the drawings are to be replace with new exit "running man" exit signs regardless if the have keynote 2 beside them.

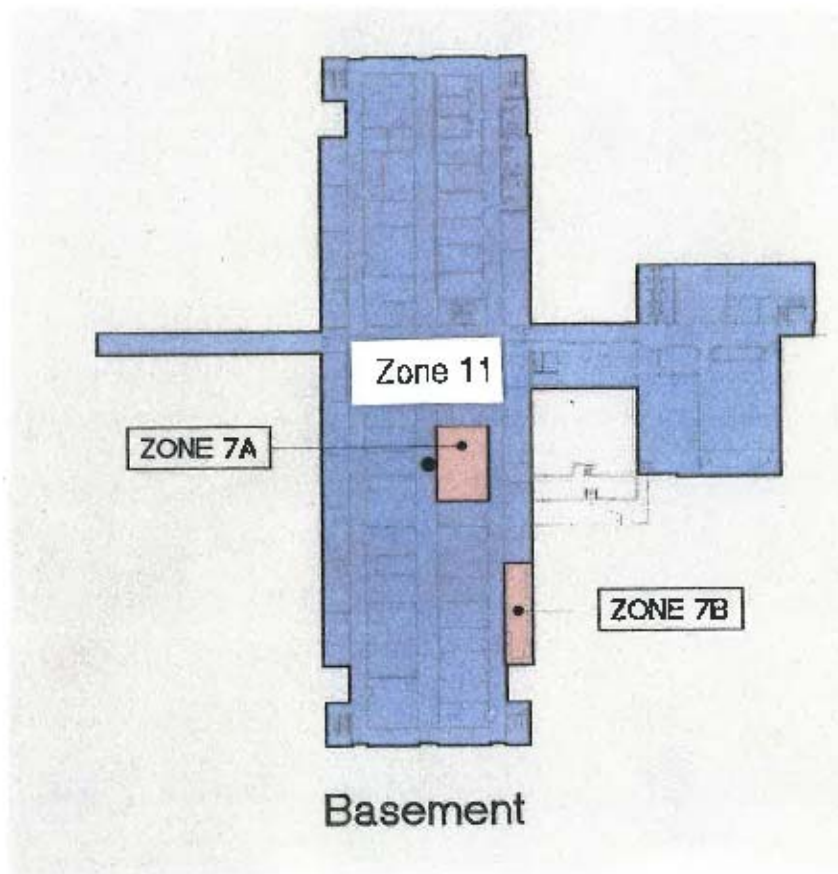
16. Existing fire alarm panel is a Cerberus Pyrotronics Model: MXL and it is an addressable fire alarm Panel.
17. Existing fire alarm zones are as follows:

Fire Alarm Zone Schedule:

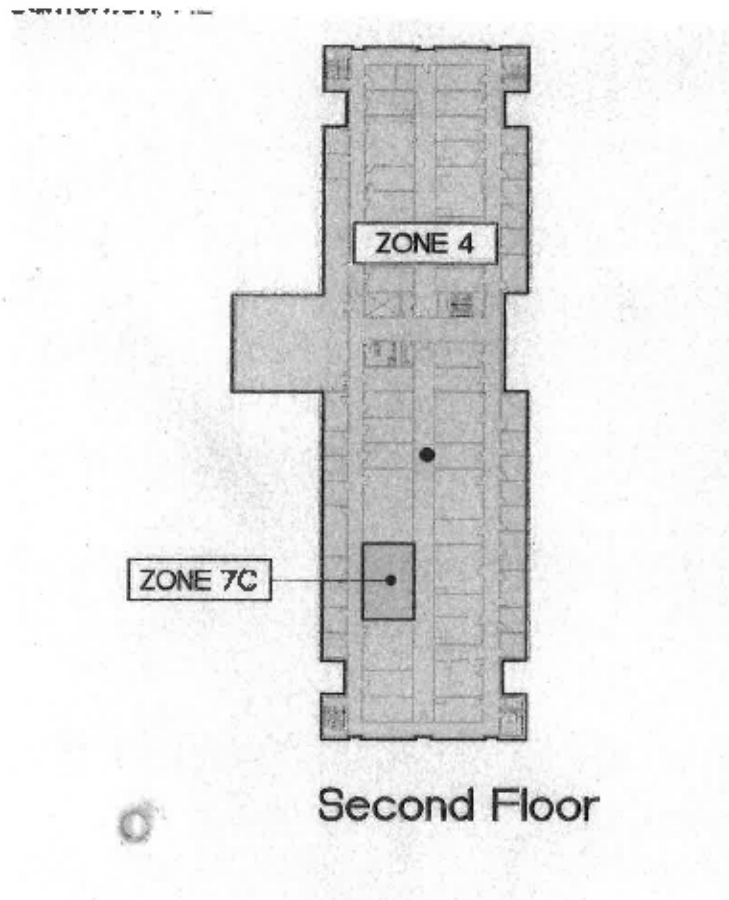
Zone	Location
Zone 11	Basement
Zone 12	First Floor
Zone 3	First Floor West
Zone 4	Second Floor
Zone 5	Third Floor

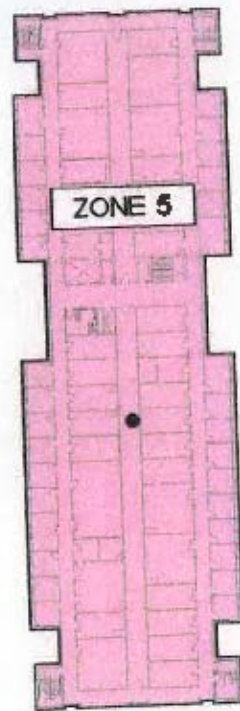
Zone 6	Penthouse
Zone 7A	Clean Agent System B089
Zone 7B	Clean Agent System 2052/2053
Zone 8A	Anti-Freeze System Loading Dock
Zone 8B	Anti-Freeze System Cold Storage
Zone 29	Pig Barn
Zone 30	Pig Barn

18. Fire Alarm Zones as follows:

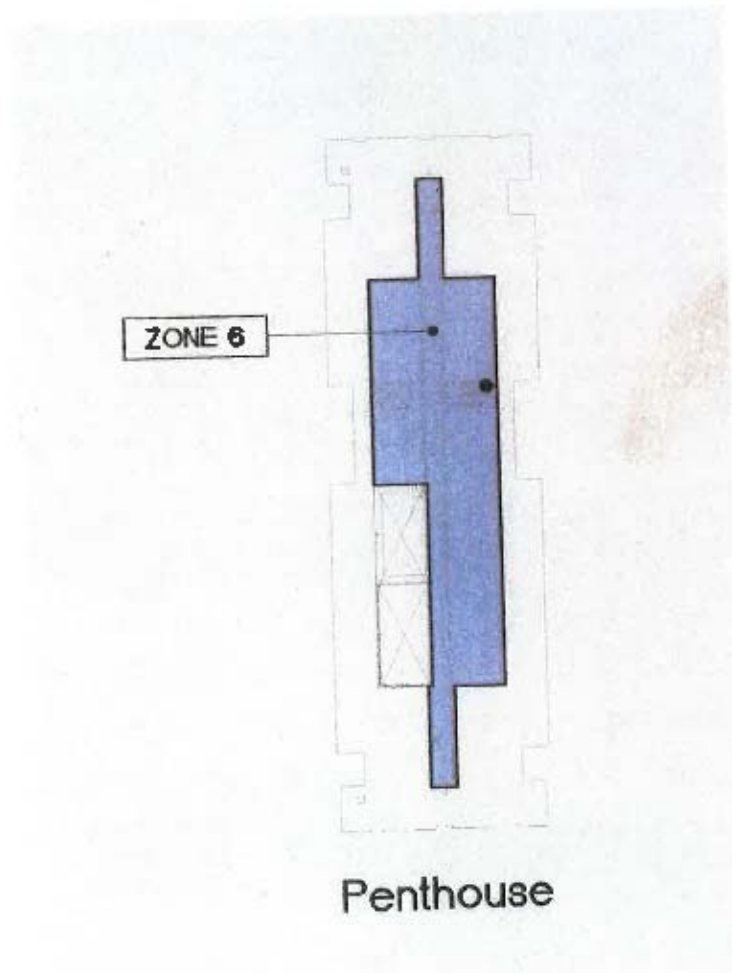


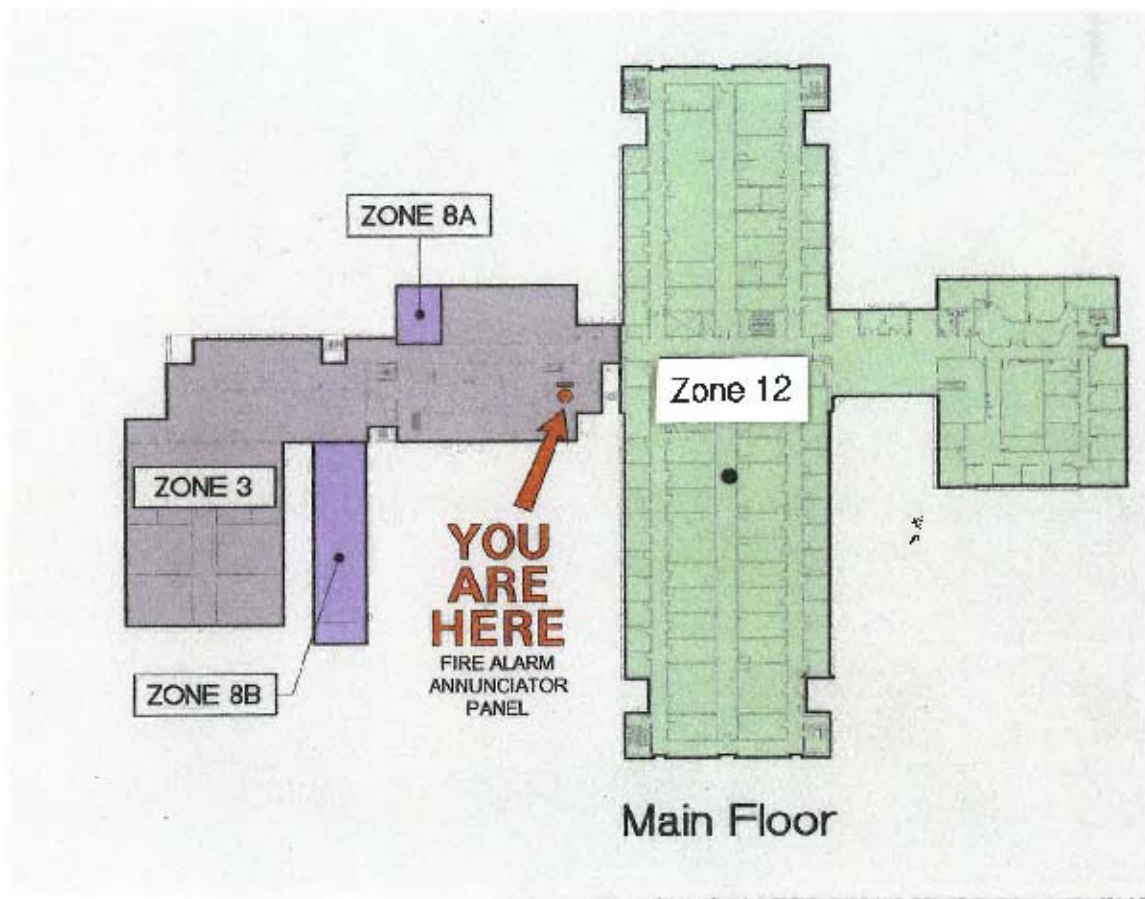






Third Floor







August 30, 2018

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**End of Addendum No. 01**

Issued by: **STANTEC CONSULTING LTD.**

Neal Bourassa, P.Eng  
Associate