

**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 ième étage  
Montréal  
Québec  
H5A 1L6

**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 ième étage  
Montréal  
Québec  
H5A 1L6

<b>Title - Sujet</b> Agrandissement CRSM Archambault	
<b>Solicitation No. - N° de l'invitation</b> EF236-152430/A	<b>Amendment No. - N° modif.</b> 013
<b>Client Reference No. - N° de référence du client</b> R.064010.800	<b>Date</b> 2015-06-09
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$MTC-250-13208	
<b>File No. - N° de dossier</b> MTC-4-37400 (250)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-06-12</b>	<b>Time Zone</b> Fuseau horaire Heure Avancée de l'Est HAE
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Cyr, Nicolas	<b>Buyer Id - Id de l'acheteur</b> mtc250
<b>Telephone No. - N° de téléphone</b> (514) 496-3389 ( )	<b>FAX No. - N° de FAX</b> (514) 496-3822
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> Établissement Archambault 242 Montée Gagnon Ste-Anne-des-Plaines QC J0N 1H0	

**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> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<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 (type or print)</b> <b>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>

Solicitation No. - N° de l'invitation

EF236-152430/A

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

R.064010.800

Amd. No. - N° de la modif.

013

File No. - N° du dossier

MTC-4-37400

Buyer ID - Id de l'acheteur

mtc250

CCC No./N° CCC - FMS No/ N° VME

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**CET APPEL D'OFFRE EST, PAR LA PRÉSENTE, MODIFIÉ COMME SUIV**

Ajout de la quotation de Senstar à l'Annexe I du document d'appel d'offre dans la version française.

**TOUS LES AUTRES TERMES ET CONDITIONS DEMEURENT INCHANGÉS**

Senstar Corporation  
 119 John Cavanaugh Drive  
 Carp, Ontario, CANADA K0A 1L0  
 T: 613 839 5572  
 F: 613 839 5830  
 www.senstar.com

# Quotation

The trusted innovator safeguarding  
 people, places and property.

Payment  
 Shipping  
 INCO 2011

Net-30 days OAC  
 TBD at time of order  
 Exworks (EXW)

Document: Q4101-U2  
 Issue Date  
 Expiration Date  
 Market

Part Number	Description	Qty	Unit Price	Extended Pri
C6AD0300	Network power supply, 85-245 VAC/24 VDC @ 1.25 A, 50/60 Hz, indoor, without optional power cord.	2		
C6EM0101	Intelli-FLEX single/dual-zone processor with dry contact interface in a NEMA 4 enclosure. Circuit card is C6BA0101.	2		
E4FG0101	ultraWave transmitter and receiver pair, includes two mounting kits and four cable glands.	2		
C6KT2600	Cable splice and terminator kit.	1		
00SW0100	UCM (Universal Configuration Module) Software on CD	1		
00BA2000	Comm card, EIA-422 copper, G2 Silver. NO LONGER AVAILABLE - REPLACED BY 00BA2000	4		
G5SP0300	Power data Cable used with Intell-Flex (Draft Description)	4		
C6EM0501	Copper Sennet interface Intelli-FLEX single/dual-zone processor in a NEMA 4 enclosure. Circuit card is C6BA0201.	1		
C6KT1600	Multiplex Audio Module for 'listen in' option. Attaches to any IntelliFIBER/ Intelli-FLEX processor.	1		
C6FG0902	Mark 2 sensor cable for FlexPS/Intelli-FLEX. 150m (500') roll.	1		
GH0916	Bag of 1000 UV Resistant cable ties	1		
C6KT0301	Self test terminator kit for all Intelli-FLEX sensor cables.	1		
C6CA0400	Feed-in cable with 90 degree connector affixed to one end for attachment to processor, 7.5m (25') length.	1		
124-0218	UV Rated 18-2 for Gate Contacts (300m)	2		
2505A	Large Gap Gate Contacts for gates indicated on drawings	1		
1942	Bracket for Gate Contacts	1		
BRK-LEX	Lexan Brackets to mount IntelliFlex processors	4		
GRD-PLATE	Grounding plate, CAD weld and cable	1		
JB-TB	Terminal junction boxes for intersect main PIDS FDS in sector 5 - includes assembly labour	2		
DR-120-12	12VDC Power Supply - DIN Rail Mount	2		
	Miscellaneous Installation Materials hardware for the microwave installation (ground plates, mounting posts, ground cabling, connectors etc.)	1		
	SubTotal: equipment Phase 1			
DTSR	Daily technical service rate based on 8-hour work day.PDR/FDR and project management	5		
DTSR		2		

# Quotation

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	Daily technical service rate based on 8-hour work day.(inhouse database S100 programming and testing)	
Sub-Contractor	Installation of the fence detection, including all conduit required, Enclosure box 6" x 6" x 2" for the Microwave post.	1
Sub-Contractor	Daily technical service rate based on 8-hour work day.Estimated cost for the fences panels rework	1
DTSR	Daily technical service rate based on 8-hour work day.( integration and testing)	10
LDT	Travel rate for more than four hours travel on a business day. (Short duration travel, less than 4 hours on a business day is part of the regular working hours for that day.)	2
PerDiem	Standard daily expense rate, higher rates may apply in some travel areas.	12
DTSR	Daily technical service rate based on 8-hour work day.(Documentatio, As-built)	5

SubTotal: Labor Phase 1

## PHASE 2

M1KT0600	LTU base unit assembly, 128 inputs/128 outputs maximum, 19" rack or wall surface mount. Includes 115/230 VAC power supply and processor card. Connects to Network Controller via redundant RS-485 multi-drop data lines. Requires use of one or two I/O card.	1
M1BA0200	Lamp driver card, 64 inputs and 64 open collector outputs.	1
M1CA0101	Break-out assembly for Sennet LTU input module. Connects to input connector of LTU relay input/output card and provides rack-mountable DIN rail with screw-clamp terminal blocks for 32 dry-contact inputs.	1
GW0224	Data grade cable for RS-422/485 network wiring, one pair, 24 AWG stranded tinned copper conductor with braid shield, drain wire, and PVC jacket. 304 m (1,000 ft.) length.	2

SubTotal:Equipment total

DTSR	Daily technical service rate based on 8-hour work day. In house database upgrade	1
DTSR	Daily technical service rate based on 8-hour work day.Documentation in-house updates	2
DTSR	Daily technical service rate based on 8-hour work day. On-site technical support, installation and testing.	4
DTSR	Daily technical service rate based on 8-hour work day. ATP and pre-ATP	2
LDT	Travel rate for more than four hours travel on a business day. (Short duration travel, less than 4 hours on a business day is part of the regular working hours for that day.)	3
PerDiem	Standard daily expense rate, higher rates may apply in some travel areas.	9

SubTotal: Labor Phase 2

## Phase 3

DTSR	Daily technical service rate based on 8-hour work day.Database removal in-house	1
DTSR	Daily technical service rate based on 8-hour work day. Removal of temporary construction fence	2
DTSR	Daily technical service rate based on 8-hour work day.Pre-ATP and ATP	2
LDT	Travel rate for more than four hours travel on a business day. (Short duration travel, less than 4 hours on a business day is part of the regular working hours for that day.)	2
PerDiem	Standard daily expense rate, higher rates may apply in some travel areas.	6

SubTotal: Phase 3

## NOTE

**General contractor must finish the Fence before Senstar starts on the installation for Phase 1**

**Phase 2: General Contractor to supply all dry contact from the new building to the CER room, Senstar rack as dry contact**

**Phase 3: General Contractor to complete construction before removing the temporary fence detection**

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119 John Cavanaugh Drive  
Carp, Ontario, CANADA K0A 1L0  
T: 613 839 5572  
F: 613 839 5830  
www.senstar.com

# Quotation

The trusted innovator safeguarding  
people, places and property.

Total

\$125,504

**Notes:**

Senstar Contact: Alexy Hajjar

*Canada Notes:*

1. Sale is subject to attached terms & conditions.
2. This quotation only includes the goods & services explicitly listed, and unless otherwise stated, is exclusive of installation labour, PST, GST, QST or HST.
3. Technical support is not discountable and may be mandatory depending on the products used, the complexity of the installation and the qualifications of the installation personnel. Please confirm with Senstar before deleting any support from your proposal.
4. This quotation is only for budgetary purposes until Senstar security engineers have reviewed a detailed site plan and conducted a site survey. It is based only on the information provided and determination of the actual requirements remain the responsibility of the buyer.

ahajjar@senstar.com

Tel: +1.613.839.5572 x4336

Fax: +1.613.839.5830

Prepared by: Alexy Hajjar

OFFICIAL QUOTATION

# Statement of Technical Requirements Fence Disturbance System (FDS)

Designed For

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Archambault Institution,  
Temporary Construction Area

Prepared By

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**Senstar Corporation**

119 John Cavanaugh Rd.  
Carp, Ontario K0A 1L0

Revision 1.00

November 2014



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## **Statement of Technical Requirements For Temporary Construction Area**

### **Fence Structure and Quality:**

Chain-link fences are one of the most popular types of perimeter fences; hence, Senstar FDS product is often installed on an existing chain-link fence.

The chain-link fence fabric should meet the following minimum specifications:

- 2.9 mm dia. (9 gauge) Galvanized steel, 2.5 to 7.5 cm (1 to 3 inch) mesh chain-link (or weld-mesh)
- Selvages; top sides twisted and barbed, bottom side knuckled.
- Thread stretcher bars through the fabric using 1 bar for each gate and end post, and 2 for each corner and pull post. Pull fabric tight so maximum fabric deflection is 5.0 cm (2 in.) when a 14 kg (30 lb.) pull is exerted perpendicular to the center of a panel.
- Maintain tension by securing stretcher bars to posts with metal bands spaced a maximum of 38 cm (15 in.) apart. Fasten the fabric to the steel framework with 9 gauge steel wire ties spaced a maximum of 30 cm (12 in.) apart - for all posts, rails, braces, and tension wires.
- Tighten stretcher bar bands, wire ties and any other fasteners very securely. None of the fabric should be free to move.
- Any fence movement which can cause metal-to-metal contact may be a potential source of nuisance alarms.
- Tension wires can be installed horizontally to stiffen the fence fabric. These wires should be secured at each post so they will not allow any perceptible movement between the wire and the post when the fabric is flexed. This can be done using wire ties or metal straps.
- The fence will be provided by the General contractor, any fence work or Electric work will be supplied by the General.

### **System Installation for FDS:**

Senstar shall provide, install, integrate and test a complete and fully functioning Fence Disturbance System (FDS Senstar System) in a closed loop for the entire perimeter of the temporary construction area.

The fenced perimeter should have two (qty 2) fence mounted FDS Processors. In addition, two (qty 2) Microwave Units should be installed to cover the top of adjacent buildings. The exact location of the Processors and Microwaves is yet to be determined. Both the FDS Processors and the Microwave Unit Systems should have the same communication redundant loop. One Gate Contact should be added to the temporary construction gate, for controlling of daily opening and closing of the gate. Gate Contact to be installed and connected to the nearest Senstar FDS Processor (auxiliary terminals).

The FDS shall meet or exceed all of the performance and operational requirements contained in the SOW's specifications and standards listed in Section 2.2. Senstar shall provide a complete fence detection solution as part of the existing PIDS FDS system.

Senstar shall provide a complete FDS sensor cable profile for all sectors or zones installed. These sector profiles shall be included in the maintenance manuals and supporting documentation.

Senstar shall install the new sensor cables according to the manufacturer's recommendation using approved UV rated cable tie-wraps.

### **FDS Sectors:**

Senstar shall supply and install a continuous sensor cable for each sector, free of any splices; except where necessary to provide lead-in cables or change from sensor cable to non-sensor cable. Change of sensor to non-sensor cable can be provided to allow for movement of pedestrians and vehicles at any entrance. Each FDS sector shall be installed with line or cable supervision.

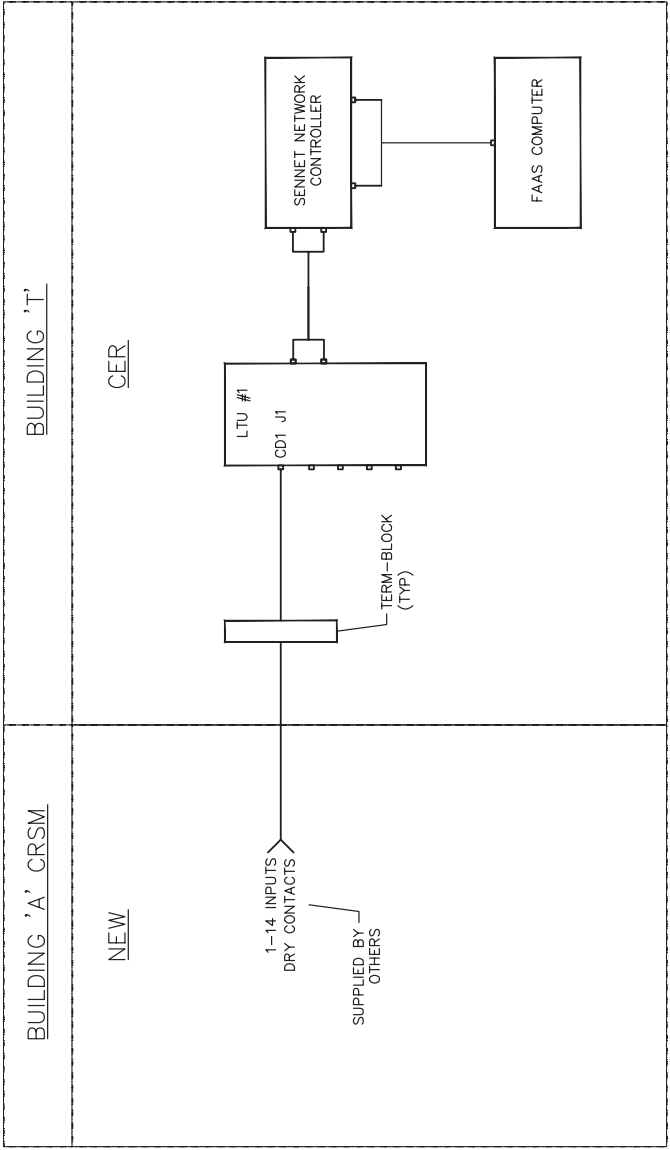
### **Fence Audio Module:**

The Audio Module in one processor has the ability to place audio from 2 zones with an isolated high impedance output on the audio bus.

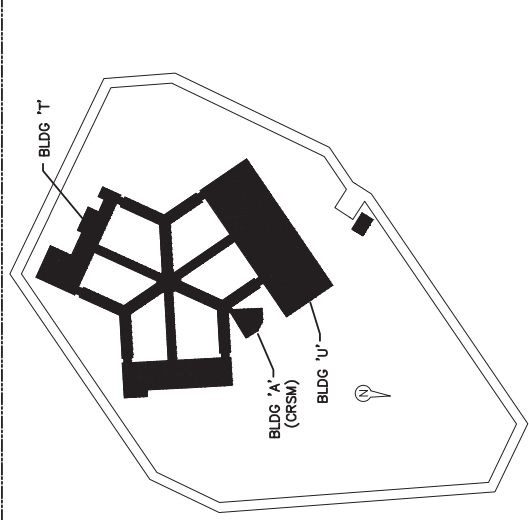
The site has an existing Senstar FDS Micro-phonic System. The additional processors have to be part of the PIDS FDS system. The temporary construction area audio should be connected to the existing in series. In addition the audio needs to be activated by a command from the existing audio control from the MCCP.

### **Control and Display Interface:**

All new sectors for the temporary construction should be displayed on the PIDS workstation of the Senstar S100 Interface with a separate graphic indicating the corresponding zone.



DRY CONTACTS



ARCHAMBAULT INSTITUTION (INTERNAL) — NEW PROPOSED BUILDING  
W/ TEMPORARY FENCE CONSTRUCTION & TEMPORARY FENCE DISTURBANCE SYSTEM REQ/MTS  
(DIAGRAM FOR REFERENCE ONLY)