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Public Works and Government Services / Travaux  
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86 Clarence Street, 2nd floor  
Kingston  
Ontario  
K7L 1X3  
Bid Fax: (613) 545-8067

## 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  
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Kingston Procurement  
Des Acquisitions Kingston  
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<b>Title - Sujet</b> Indoor & Outdoor walk-in Freezer-Re	
<b>Solicitation No. - N° de l'invitation</b> 21120-133422/A	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b> 21120-13-1913422	<b>Date</b> 2013-11-19
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$KIN-650-6189	
<b>File No. - N° de dossier</b> KIN-2-38306 (650)	<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 2013-11-26</b>	<b>Time Zone</b> Fuseau horaire Eastern Standard Time EST
<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> Rombough, Lori	<b>Buyer Id - Id de l'acheteur</b> kin650
<b>Telephone No. - N° de téléphone</b> (613) 545-8061 ( )	<b>FAX No. - N° de FAX</b> (613) 545-8067
<b>Destination - of Goods, Services, and Construction:</b> <b>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</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

21120-133422/A

Amd. No. - N° de la modif.

003

Buyer ID - Id de l'acheteur

kin650

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

21120-13-1913422

File No. - N° du dossier

KIN-2-38306

CCC No./N° CCC - FMS No/ N° VME

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**AMENDMENT #003**

The intent of this amendment is to answer a potential bidder's question & revise the Requirement and Pricing Basis.

**QUESTION #1**

**Bath Institution Food Services Build page 13 of 27**

**Page 18 of 29,**

The last item under 6.1.3 calls for a heated ramp in the freezer compartment. There are to my knowledge no manufactures that provide a "heated ramp" only the threshold. This should read a heated threshold in the ramp.

**Answer #1**

Heated thresholds in ramps is an acceptable alternative. However heated ramps are available in the market and have been made available in previous projects. Annex "A" will be amended to reflect this change

**QUESTION #2**

**Page 19 of 29**

**6.1.4 Doors, Handles and Locks**

**A Swing doors**

This calls for a minimum 14'x14' tempered triple-pane and **moisture proof clear glass** viewing area.

This should read moisture resistant as this was an issue on previous bids that were submitted. We were asked to provide documentation of the Vision Window being "moisture proof" Nothing is moisture proof all glass viewports provided in our industry are moisture resistant.

**Answer#2**

Annex "A" will be amended to read "**Moisture Resistant**" in section **6.1.4 A. Swing Doors**

**QUESTION #3**

Page number 12-- combination outdoor walk-in cooler and freezer, (**5 and 5a**), is this part of the overall quote, if yes, do they want stand alone refrigeration system for these two rooms, or they want equipment to be part of mechanical equipment for other walk-in rooms.

**Answer #3**

**Yes all refrigeration equipment in the solicitation is part of a single submission. In section 6.2.1 A. General Description Bath Institution (Cook Chill Facility) outlines the overall design requirements for the mechanicals to be mounted in a Rack System that is to be roof mounted.**

**QUESTION #4**

Page number 17-- outdoor walk-in cooler and freezer( **no ID numbers**), I need to know if they need one cooler and one freezer each for both Bath and Millhaven Institution, and also for these two rooms they need stand alone mechanical equipment, or the equipment to be part of the mechanical equipment for other walk-in rooms.

**Answer#4**

**These are two individual units that will require their own independent systems to be side mounted or roof mounted on each of the respective units.**

**QUESTION #5**

Please advise if there are some missing pages, such as 23 and 20. The pages are as follow:

Page 1 of 2

Page 2 of 2      ok

Page 3 of 27 to page 13 of 27, then it changes to

Page 14 of 29 through page 22 of 29, and then jumps to

Page 25 of 29 through page 29 of 29,

Do we have page 23 and 24 missing, or just misnumbering?

**Answer #5**

It's a formatting error. The total number of pages in the original RFP is 35 (English) and 38 (French).

**QUESTION #6**

1) Reference page 21 of 29, 6.2.2 A Room # 6 at Bath Institute;

The requirement for walk in # 6 at the bath institute calls for a min 0.75 HP scroll compressor with a max of 6.8 amps with an evaporator drawing 0.9 amps. Scroll compressors are not manufactured this small. We can supply a larger scroll compressor (between 1.3-2amps using 208/3 phase), however then the compressor is borderline oversized for the room. Our engineers are further investigating to see if this will cause short cycle. In addition if we increase the size of the compressor, the evaporators will need to be increased in size to ensure proper performance. This will increase the ampacity of the evaporators to apx. 2amp, the specs call for 0.9 amps. We suggest substituting this compressor for a Hermatic style for peak performance within your specs, or accepting the larger scroll type compressor and a higher ampacity for the evaporators.

**Answer #6**

Based on the information provided we will accept hermetic compressor for this unit while maintaining the evaporators at the current specifications. Annex "A" will be amended to reflect this change

**QUESTION #7**

Reference page 16 of 29, Millhaven Institute, under power requirements for unit #3

The requirements listed ask for Fans at 1/3 HP each, 208-230 volts, 1 phase. Then, beside "Evaporator" it states 120V, 1 Phase. This is conflicting information. Most coolers operating at 35F or above are air defrost and operate at 120V. Is this a typo? Can we please have further clarification as to the specifications for this unit.

**Answer #7**

All evaporators for the walkin units in the project are to have an integrated defrost management system which is available in various voltage configurations. We will accept 208v or 120v configurations to accommodate various proposals.

**QUESTION #8**

Reference page 12 of 27, rooms # 5 and 5a at Bath Institute,for example;

The overall dimensions are listed for the entire combo, and then the individual measurements for compartments are exactly half of the over all measurements. Each room must be slightly smaller as there is a wall in between the two rooms which takes up 4" of the interior space and translates 4" on the outer dimensions. Can we submit quotes listing the interior dimensions of each part to clearly define the actual sizes of each compartment?. This will not change the overall exterior dimensions.

**Answer#8**

Whether outside or inside dimensions are used for the draft drawings for quotation, final approved drawings post award will be required before installation begins. The final drawings will need to maximize the refrigerated space taking into consideration of the physical space available. A site visit post award will be necessary to ensure the final drawings provided are accurate for the third party installer to action.

Please submit draft drawing for quotation with either inside or outside dimensions clearly noted.

Solicitation No. - N° de l'invitation  
21120-133422/A

Amd. No. - N° de la modif.  
003

Buyer ID - Id de l'acheteur  
kin650

Client Ref. No. - N° de réf. du client  
21120-13-1913422

File No. - N° du dossier  
KIN-2-38306

CCC No./N° CCC - FMS No./N° VME

#### **QUESTION #9**

\*\*\*\*\*This question applies to all combo rooms\*\*\*\*\*

Reference page number 13 of 27, room # 13 at Bath institute;

Please specify hinge location for roof hatch(ceiling service door)

#### **Answer #9**

The lockable ceiling hatch hinge should be placed in a manner that will avoid tampering and allow the hatch to open fully extended for easy access. This applies to all hatches. Annex "A" will be amended to reflect this change.

#### **QUESTION #10**

Reference pages 21-22 of 29, and 14 of 29, Bath institute

The over all dimensions are listed but there are no measurements for each compartment, only that one is "smaller" and one is "larger". We sized the two rooms from the depiction in the drawing and would like clarification. We have assumed the following measurements:

18' - 6" x 57' - 0" x 8' - 7" rectangular indoor cooler/cooler combo #8  
- 17' - 10" ID x 46' - 2" ID x 7' - 10 3/4" ID -1C cooler 118 (with floor)  
- 17' - 10" ID x 9' - 10" ID x 7' - 10 3/4" ID -1C cooler 119 (with floor)

Also, there appears to be a pass through between the two rooms in the drawings. Please clarify. There are two different holding temperatures for each compartment and if there is a pass through, it will need to be regulated with a door, window, strip curtains, or other methods.

#### **Answer#10**

The large indoor cooler for the chilled food holding area is as per the stated dimensions. It is one single room with 2 sliding doors. Please disregard the depiction of two spaces within the drawing.

Solicitation No. - N° de l'invitation  
21120-133422/A

Amd. No. - N° de la modif.  
003

Buyer ID - Id de l'acheteur  
kin650

Client Ref. No. - N° de réf. du client  
21120-13-1913422

File No. - N° du dossier  
KIN-2-38306

CCC No./N° CCC - FMS No./N° VME

## DELETIONS & INSERTIONS:

### #1. Under: Annex "A" - REQUIREMENT

#### #1a. Within: 6.1.1 Dimensions, Sizes and Electrical Requirements

#### B. Bath Institution Food Services Building, Walk-in Type p 1.1.2 & 1.1.3 – Delete in its entirety & Insert:

#### B. Bath Institution Food Services Building

All dimensions are based on site drawings and all mechanicals are to be confirmed for proper sizing to meet the needs of the walk-in room dimensions and performance specifications

#	Walk-in Type p 1.1.2 & 1.1.3	Walk-in Size	Door Type	Door Size	Holding Temp
1	Indoor Cooler Floorless(Dairy #6)	11'4"x9'6"x8'2 <sup>5</sup> / <sub>8</sub> " (3454mmx 2896mm x 2506mm)	1 Left-hand swing door	36" x 78" (914mm x 1981mm)	2°C-4 °C
2	Indoor Cooler floorless (#13)	17'6"x15"x8'2 <sup>5</sup> / <sub>8</sub> " (5334mm x4572mm x2506mm)	1 manual single sliding door 1 left-hand swing door 1 solid service door	Sliding door: 60" x 84" (1524mm x 2134) Swing door: 36"x78" (914mm x 1981mm) Ceiling Service Door: 36" x 36" (914mmx914mm)	2°C-4 °C
3	Indoor Cooler Floorless(#14)	17'6"x15"x8'2 <sup>5</sup> / <sub>8</sub> " (5334mm x4572mm x2506mm)	1 manual single sliding door 1 Left-hand swing door	Sliding door: 60" x 84" (1524mm x 2134) Swing door: 36"x78" (914mm x 1981mm)	2°C-4 °C
4	Indoor Cooler Floorless(#15)	17'6"x15"x8'2 <sup>5</sup> / <sub>8</sub> " (5334mm x4572mm x2506mm)	1 manual single sliding door 1 left-hand swing door	Sliding door: 60" x 84" (1524mm x 2134) Swing door: 36"x78" (914mm x 1981mm)	2°C-4 °C

Solicitation No. - N° de l'invitation  
21120-133422/A

Client Ref. No. - N° de réf. du client  
21120-13-1913422

Amd. No. - N° de la modif.  
003

File No. - N° du dossier  
KIN-2-38306

Buyer ID - Id de l'acheteur  
kin650

CCC No./N° CCC - FMS No./N° VME

5	Indoor Cooler Floorless(#16)	17'6"x15'x8'2 <sup>5</sup> / <sub>8</sub> " (5334mm x 4572 mm x2506mm)	1 manual single sliding door  1 left-hand swing door	Sliding door: 60" x 84" (1524mm x 2134)  Swing door: 36"x78" (914mm x 1981mm)	2°C-4 °C
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**#1b. Within: 6.1.1 Dimensions, Sizes and Electrical Requirements**

**D. Millhaven Institution Food Services Building (Finishing Kitchen) – Delete in its entirety & Insert:**

Please note Ceiling height changes and additions to service door hatches

**D. Millhaven Institution Food Services Building (Finishing Kitchen)**

All mechanicals are to be confirmed for proper sizing to meet the needs of the walk-in room dimensions and performance specifications

#	Walk-in Type	Walk-in Size	Door Type	Door Size	Holding Temp
1	Indoor Cooler Floorless (#3)	41'5" L x 12'2"W x 8"H (12623mm x 3708mm x 2438mm )	1 Left-hand swing door & 1 right-hand swing door  1 solid service door	42" x 78" (1067mm x 1981mm)  36" x 36" (914mmx914mm)	2°C-4 °C
2	Indoor Cooler/Freezer, 3 compartments(#14)	36'L x 20'W x 8"H (10972mm x 6096mm x 2438mm)			
2a	Small Cooler on Combo floorless	8'L x 20'W x 8"H (2438mm x 6096mm x 2438mm)	1 left-hand swing door	36"x78" (914mm x 1981mm)	2°C-4 °C
2b	Large Cooler on Combo with floor	20'L x 20'W x 8"H (508mm x 508mm x 2438mm)	1 Left-hand swing door and 1 right-hand swing door  1 solid service door	36"x78" (914mm x 1981mm)  36" x 36" (914mmx914mm)	-1°C
2c	Freezer on Combo with floor	8'L x 20'W x 8"H (2438mm x 6096mm x 2438mm)	1 manual single sliding door	42" x 78" (1067mm x 1981mm)	-20°C

Solicitation No. - N° de l'invitation  
21120-133422/A

Amd. No. - N° de la modif.  
003

Buyer ID - Id de l'acheteur  
kin650

Client Ref. No. - N° de réf. du client  
21120-13-1913422

File No. - N° du dossier  
KIN-2-38306

CCC No./N° CCC - FMS No./N° VME

	<b>Power requirements</b>			
1	Indoor Cooler (#3)	1 ph	208-120 v	Fan: 1/3 HP each, 208-230 volts, 1 phase; Evaporator: 120 v, 1 phase With integrated defrost management system
2	Indoor Cooler/Freezer, 3 compartments			Fan: 1/3 HP, 208-230 volts, 1 phase each
2a	Small Cooler on Combo (#14)	3 ph	208-120 v	Evaporator: 208-230 volts, 1 phase With integrated defrost management system
2b	Large Cooler on Combo (#14)	3 ph	208-120 v	(2) Evaporator: 115 volts, 1 phase With integrated defrost management system
2c	Freezer on Combo (#14)	3 ph	208-120 v	Evaporator: 115 volts, 1 phase With integrated defrost management system



**#1c. Within: 6.1.3 Floors & Ramps**

Delete:

- The walk-in freezers shall have an interior, heated ramp in freezer compartment. The ramp will have non-skid strips applied to top at a sufficient length and angle for easy loading of pallets using hand pallet jack.

Insert:

- The walk-in freezers shall have an interior, ramp and heated threshold in freezer compartment. The ramp will have non-skid strips applied to top at a sufficient length and angle for easy loading of pallets using hand pallet jack. A heated ramp is desirable.

**#1d. Within: 6.1.4 Doors, Handles and Locks**

**A. Swing Doors**

Delete: Vision Windows that are a minimum 14" x 14" tempered triple-pane, and moisture proof clear glass viewing area. For clean and dry visibility, the walk-in cooler shall have heated frames around the glass and the walk-in freezer shall have heated frames and heated glass.

Insert: Vision Windows that are a minimum 14" x 14" tempered triple-pane, and moisture resistant glass viewing area. For clean and dry visibility, the walk-in cooler shall have heated frames around the glass and the walk-in freezer shall have heated frames and heated glass.

**D. Ceiling Door Hatch:**

Insert: 36"x 36" (914mm x 914mm) to access panels in ceiling and refrigeration piping. (#3 & #14 drawing Millhaven F211)

Insert: The lockable ceiling hatch hinges should be placed in a manner that will avoid tampering and allow the hatch to open fully extended for easy access.

**#1e. Within: 6.2.2 Remote Outdoor Refrigeration System (Bath Institution Cook Chill Facility)**

Delete:

- 1 Walk-in Dairy Cooler (Equipment List # 6): High temperature, 2°C-4°C, scroll type compressor, min. 0.75 HP, max. 6.8 amps.

Insert:

- 1 Walk-in Dairy Cooler (Equipment List # 6): High temperature, 2°C-4°C, hermetic compressor, min. 0.75 HP, max. 6.8 amps.

Solicitation No. - N° de l'invitation  
21120-133422/A

Amd. No. - N° de la modif.  
003

Buyer ID - Id de l'acheteur  
kin650

Client Ref. No. - N° de réf. du client  
21120-13-1913422

File No. - N° du dossier  
KIN-2-38306

CCC No./N° CCC - FMS No./N° VME

**#2. UNDER: Annex "B" - Basis of Payment** – Delete in its entirety & insert:

**Annex "B" - Basis of Payment**

1. The Bidder **must submit** all-inclusive FOB Destination prices in **Canadian dollars**, Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included.

Item #	Site	Description	Quantity	Firm Unit Price	Make & Model
1.1a	Bath Institution	Outdoor Combination Walk-in Cooler/Freezer (#5 and #5a) - boxes and evaporator coils with integrated defrost systems	1	\$	
1.1b	Bath Institution	Outdoor Combination Walk-in Cooler/Freezer (#5 and #5a) - mechanicals including all related racking, compressors and condenser equipment	1	\$	
1.2a	Bath Institution	Indoor Cooler, Floorless (#6) - box and evaporator coils with integrated defrost systems	1	\$	
1.2b	Bath Institution	Indoor Cooler, Floorless (#6) - mechanicals including all related racking, compressors and condenser equipment	1	\$	
1.3a	Bath Institution	Indoor Cooler floorless (#13) - box and evaporator coils with integrated defrost systems	1	\$	
1.3b	Bath Institution	Indoor Cooler floorless (#13) - mechanicals including all related racking, compressors and condenser equipment	1	\$	

Solicitation No. - N° de l'invitation  
21120-133422/A

Amd. No. - N° de la modif.  
003

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kin650

Client Ref. No. - N° de réf. du client  
21120-13-1913422

File No. - N° du dossier  
KIN-2-38306

CCC No./N° CCC - FMS No./N° VME

Item #	Site	Description	Quantity	Firm Unit Price	Make & Model
1.4a	Bath Institution	Indoor Cooler Floorless(#14) - box and evaporator coils with integrated defrost systems	1	\$	
1.4b	Bath Institution	Indoor Cooler Floorless(#14) - mechanicals including all related racking, compressors and condenser equipment	1	\$	
1.5a	Bath Institution	Indoor Cooler Floorless(#15) - box and evaporator coils with integrated defrost systems	1	\$	
1.5b	Bath Institution	Indoor Cooler Floorless(#15) - mechanicals including all related racking, compressors and condenser equipment	1	\$	
1.6a	Bath Institution	Indoor Cooler Floorless(#16) - box and evaporator coils with integrated defrost systems	1	\$	
1.6b	Bath Institution	Indoor Cooler Floorless(#16) - mechanicals including all related racking, compressors and condenser equipment	1	\$	
1.7a	Bath Institution	Indoor Cooler Walk-in Cooler- Chilled food Holding area with insulated floor. (#8) - box and evaporator coils with integrated defrost systems	1	\$	

Solicitation No. - N° de l'invitation  
21120-133422/A

Amd. No. - N° de la modif.  
003

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Client Ref. No. - N° de réf. du client  
21120-13-1913422

File No. - N° du dossier  
KIN-2-38306

CCC No./N° CCC - FMS No./N° VME

Item #	Site	Description	Quantity	Firm Unit Price	Make & Model
1.7b	Bath Institution	Indoor Cooler Walk-in Cooler- Chilled food Holding area with insulated floor. (#8) - mechanicals including all related racking, compressors and condenser equipment	1	\$	
1.8a	Bath Institution	Indoor Cooler combination Walk-in Cooler- Freezer with merchandizing doors (#63) - boxes and evaporator coils with integrated defrost systems	1	\$	
1.8b	Bath Institution	Indoor Cooler combination Walk-in Cooler- Freezer with merchandizing doors (#63) - mechanicals including all related racking, compressors and condenser equipment	1	\$	
1.9a	Millhaven Institution	Indoor Cooler Floorless (#3) - box and evaporator coils with integrated defrost systems	1	\$	
1.9b	Millhaven Institution	Indoor Cooler Floorless (#3) - mechanicals including all related racking, compressors and condenser equipment	1	\$	
1.10a	Millhaven Institution	Indoor Cooler/Freezer, 3 compartments(#14) - boxes and evaporator coils with integrated defrost systems	1	\$	
1.10b	Millhaven Institution	Indoor Cooler/Freezer, 3 compartments(#14) - mechanicals including all related racking, compressors and condenser equipment	1	\$	

Solicitation No. - N° de l'invitation  
21120-133422/A  
Client Ref. No. - N° de réf. du client  
21120-13-1913422

Amd. No. - N° de la modif.  
003  
File No. - N° du dossier  
KIN-2-38306

Buyer ID - Id de l'acheteur  
kin650  
CCC No./N° CCC - FMS No./N° VME

**Bath & Millhaven Institution's Material Management Department (Stores)**

Item #	Description	Quantity	Firm Unit Price	Make & Model
1.11a	Outdoor Cooler with Floor - boxes and evaporator coils with integrated defrost systems	1		
1.11b	Outdoor Cooler with Floor - mechanicals including all related racking, compressors and condenser equipment	1		
1.12a	Outdoor Freezer with Floor - boxes and evaporator coils with integrated defrost systems	1		
1.12b	Outdoor Freezer with Floor - mechanicals including all related racking, compressors and condenser equipment	1		

Item #	Services:	Hourly Rate:
1.2	Onsite Consultation during Installation Rate is to be inclusive of travel costs as travel will not be paid.	Bath - 6hrs @ \$ _____ = _____ Millhaven - 6hrs @ \$ _____ = _____
	<b>Subtotal</b>	\$ _____

Solicitation No. - N° de l'invitation  
21120-133422/A

Amd. No. - N° de la modif.  
003

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Client Ref. No. - N° de réf. du client  
21120-13-1913422

File No. - N° du dossier  
KIN-2-38306

CCC No./N° CCC - FMS No./N° VME

### **1.3 Delivery**

Delivery will occur with: \_\_\_\_\_ weeks of request by the Project Authority.

Bidders are required to quote the best possible delivery date, taking into account the possible consequences (Termination for Default) by not meeting any resultant contractual obligation.