



National Defence

Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Quartier général de la Défense nationale
Ottawa (Ontario)
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**SOLICITATION CLOSES
L'INVITATION PREND FIN**

**at - à 2:00 PM
on - le November 30, 2018**

**TIME ZONE - FUSEAU HORAIRE
Eastern Standard Time (EST)**

**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

Issuing Office - Bureau de distribution

Director of Services Contracting (D Svcs C) 3
Department of National Defence
101 Colonel By Drive
Ottawa ON K1A 0K2

Title - Sujet Pharmaceutical Grade Walk-In Refrigerators & Freezers	
Solicitation No. - N° de l'invitation W6369-18-A030/A	Amendment No. - N° de la modification 002
Date of Amendment – Date de la modification November 20, 2018	
RETURN BIDS TO: RETOURNER LES SOUMISSIONS À : By e-mail to: binhduong@forces.gc.ca Director Services Contracting (D Svcs C) 3-2-8-2 Attention: Binh Duong	
Address enquiries to: Adresser toute demande de renseignements à : Binh Duong Telephone No. E-Mail Address N° de téléphone Courriel 819-939-8539 Binh.duong@forces.gc.ca	
Destination See herein.	
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur Telephone No. E-Mail Address N° de téléphone Courriel	
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) Signature Date	

**AMENDMENT 001 TO SOLICITATION NUMBER W6369-18-A030 IS RAISED TO:**

1. Provide clarification and answers to questions from potential suppliers.
2. Amend the solicitation to add the requirement of a shelter for all refrigerator and freezer compressors.
3. Provide clarification on the pharmaceutical grade walk-in freezer panel thickness.
4. Amend the solicitation to change the requirement of all refrigerator and freezer floors and ramps.
5. Extend the solicitation closing date by three (3) days from 27 November 2018 to 30 November 2018.

QUESTIONS AND ANSWERS:

Question 1	Who is responsible for the demolition/removal of the existing walk-in equipment along with the completion of the proper halocarbon forms? Should we price?
Answer 1	Canada will be responsible for the removal and disposal of the existing commercial food grade refrigerator and freezer, as per Appendix 3 to Annex A – Statement of Requirement, Article10.3 a.
Question 2	The existing units have a sprinkler system in them, do you want a sprinkler system in the new units? There is no mention in the specs. If you do want a sprinkler system, are we to carry that expense?
Answer 2	No, a sprinkler system is not required.
Question 3	The existing power available is a 125AMP panel and transformer, the new equipment if all running at the same time could be a load of 175 AMP (4 condensers & 4 evaporators plus frame heaters and lighting). Is new electrical service being installed? Who is to carry that price?
Answer 3	No, a new electrical service is not required, see Appendix 3 to Annex A – Statement of Requirement, Article10.2 c.
Question 4	The new condensers will be located outside, the roof is sloped so there will be snow and ice falling on the equipment. Do you want them under a snow shelter of sorts? If so, does it need to be designed by a structural engineer complete with seismic drawings? Again, who is to carry that price?
Answer 4	Yes, the new condensers/compressor must be under a shelter, see Appendix 3 to Annex A – Statement of Requirement, Article10.2.
Question 5	Do you require shelves?
Answer 5	No.
Question 6	Can you accept a ramp of 1:12 instead of the current specification of 1:8.
Answer 6	Yes.
Question 7	Can you accept a floor of aluminum diamond plate instead of stainless steel?



Answer 7	Yes.
Question 8	There are many different types of chart recorders that are available on the market. The tender makes no reference as to the type that is required. Can you please be more specific?
Answer 8	Any chart recorder that meets the requirement in Appendix 1 to Annex A – Statement of Requirement Article 8.6 and Appendix 2 to Annex A – Statement of Requirement Article 9.6.
Question 9	Please specify if you wish to have chart recorders with temperature sensors that are independent of the sensors that are used to control the temperature.
Answer 9	Any sensor that meets the requirement in Appendix 1 to Annex A – Statement of Requirement Article 8.6 and Appendix 2 to Annex A – Statement of Requirement Article 9.6.
Question 10	The -30C freezers will need to be defrosted several times per day in order to prevent frost and ice build up on the evaporators. There is always the risk that the temperatures will increase above -20C inside the freezer rooms. In order to prevent this from happening, we would suggest that the freezer rooms be equipped with two evaporators. While one is defrosting the other is operating in order to maintain the temperatures with no risk of increases above the -20C threshold. Please advise if this will become a new requirement.
Answer 10	Any defrost system that meets the requirement in Appendix 2 to Annex A – Statement of Requirement Article 9.8 e.
Question 11	Please clarify the thickness of the modular room panels for the freezers. The tender mentions both 4 and 5 inches.
Answer 11	Panels must have a minimum of five (5) inches of core polyurethane insulation.
Question 12	Please clarify that all four (4) rooms will be completely independent of each other, that they will not share common walls.
Answer 12	All walk-in refrigerators and freezers are independent of each other. No common walls.
Question 13	Please clarify if door windows are required.
Answer 13	No.
Question 14	Please clarify that it is only the 4C refrigerator rooms that require 10, weatherproof 15 amp Duplex receptacles.
Answer 14	Yes, only the walk-in refrigerators require duplex receptacles as per Appendix 1 to Annex A – Statement of Requirement Article 8.8 e.
Question 15	Please clarify that the 10 Duplex receptacles will be surface mounted inside the cold rooms.



Answer 15	The receptacles can be either flush or surface mounted inside the walk-in refrigerators.
Question 16	Please specify if the 10 wall receptacles need to be GFI type.
Answer 16	No.
Question 16	Is a full IQOQ certification or just a temperature stability qualification require?
Answer 16	Full IQOQ Certification.

SOLICITATION NUMBER W6369-18-A030 IS HEREBY AMENDED AS FOLLOWS:

1. **DELETE** Appendix 3 to Annex A – Statement of Requirement, Article 10.2 in its entirety, and **REPLACE** with the following:

10.2 CONTRACTOR RESPONSIBILITIES

- a) Based upon the supplied building diagrams and schematics, within fourteen (14) calendar days of contract award, provide the TA with the electrical and plumbing requirements for the walk-in refrigerators and freezers.
- b) Provide the necessary electrical cabling and plumbing to connect to existing sources, but do not make the physical connections.
 - i. The first Fridge and Freezer pair will be powered by an existing panel that is in the area where the new installation will take place.
 - ii. The second Fridge and Freezer pair will be powered by another existing panel that is approximately 50m away.
 - iii. All the work **MUST** conform to the LATEST EDITION OF THE CANADIAN ELECTRICAL CODE (CEC).
- c) The Contractor must provide a shelter to protect the condensers/compressors with the following specifications:

Roof:

- Must be capable of withstanding falling snow and ice
- Must be constructed of 2" angle iron roof material and 1/8" thickness metal
- Have a 6-12 Pitched roof
- The roof must be attached to the building
- The roof must have a 24" overhang all round

Condensing Units:

- The condensing units must be stacked due to space restrictions
- Be 24" from the highest point of condensing units to the lowest point of the roof shelter
- The lower condensing unit must be 36" from the ground
- Distance from the wall to the back of the condensing unit must be as per manufacturer's specifications
- Must have 2 safety bollards around the shelter



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Shelf:

- The shelf system must be securely fastened to building and ground to prevent movement
- The shelf must have a minimum 16" clearance between top of lower condensing unit and bottom of upper condensing unit

2. **DELETE** Appendix 2 to Annex A – Statement of Requirement, Article 9.2 in its entirety, and

REPLACE with the following:

9.2 Panels

- a) Panels must be constructed of prefabricated modular panels and finished in aluminum or stainless steel.
- b) Panels must have a minimum of five (5) inches of core polyurethane insulation, 100% foamed-in-place, which is CFC and HCFC free.
- c) Panels must have a minimum R-value of R35.
- d) Panels must possess cam-lock closers for a secure and tight fit between joints.
- e) External surfaces of each panel must be finished using paint, powder coating or anodizing.
- f) All side and ceiling panels must be interchangeable using either a silicone or rubber gasket seal at all joints to ensure an air tight and waterproof seal. All external, internal seams and joints must be sealed with butyl sealant.

3. **DELETE** Appendix 1 to Annex A – Statement of Requirement, Article 8.3 in its entirety, and

REPLACE with the following:

8.3 Floor

As the refrigerator will be installed on a non-insulated concrete floor, it must have a floor with the following specifications:

- a) Constructed of materials which are resistant to mold, water and rusting.
- b) Have a minimum of four (4) inches of core polyurethane insulation, 100% foamed-in-place, which is CFC and HCFC free.
- c) Have a minimum R-value of R27.
- d) Topped with a galvanized steel plate, capable of withstanding a minimum of 5000 pounds per square foot of evenly dispersed weight.
- e) Floor surface must be topped with stainless diamond plate or stainless tread plate or aluminum diamond plate.

4. **DELETE** Appendix 1 to Annex A – Statement of Requirement, Article 9.3 in its entirety, and

REPLACE with the following:



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9.3. Floor

As the freezer will be installed on a non-insulated concrete floor, it must have a floor with the following specifications:

- a) Constructed of materials which are resistant to mold, water and rusting.
- b) Have a minimum of five (5) inches of core polyurethane insulation, 100% foamed-in-place, which is CFC and HCFC free.
- c) Have a minimum R-value of R35.
- d) Topped with a galvanized steel plate, capable of withstanding a minimum of 5000 pounds per square foot of evenly dispersed weight.
- e) Floor surface must be topped with stainless diamond plate or stainless tread plate or aluminum diamond plate.

5. **DELETE** Appendix 1 to Annex A – Statement of Requirement, Article 8.4 in its entirety, and

REPLACE with the following:

8.4 Ramp

The exterior access ramp must be topped with stainless diamond plate or stainless tread plate or aluminum diamond plate. The ramp must be a minimum of 60 inches wide, with an 8-12:1 pitch, meaning for every eight (8) to twelve (12) inches of horizontal travel there is one (1) inch of vertical rise, and capable of being left in place with the door closed.

6. **DELETE** Appendix 2 to Annex A – Statement of Requirement, Article 9.4 in its entirety, and

REPLACE with the following:

9.4 Ramp

The exterior access ramp must be topped with stainless diamond plate or stainless tread plate or aluminum diamond plate. The ramp must be a minimum of 60 inches wide, with an 8-12:1 pitch, meaning for every eight (8) to twelve (12) inches of horizontal travel there is one (1) inch of vertical rise, and capable of being left in place with the door closed.

7. **DELETE** from Page 1, “27 November 2018” and **REPLACE** with “30 November 2018”.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.