National Defence | Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

SOLICITATION AMENDMENT / MODIFICATION DE L'INVITATION

RETURN BIDS TO / RETOURNER LES SOUMISSIONS À:

Attn : Thomas Kardaras
Department of National Defence
Director Services Contracting (D Svcs C 3)
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Email: Thomas.Kardaras@forces.gc.ca

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

Solicitation Closes / L'invitation prend fin:

At / à:

02:00 PM Eastern Daylight Time (EDT)

On / le:

29-April-2024

Title / Titre Portable Blood Refrigerators	
Solicitation No. / Nº de l'invitation W6369-23-A087	**Amendment No. / Nº de la modification** 001
Date of Amendment / Date de la modification 26-March-2024	
Address Enquiries to / Adresser toutes questions à: Attn : Thomas Kardaras Department of National Defence Director Services Contracting (D Svcs C 3) 101 Colonel By Drive Ottawa, Ontario K1A 0K2 Email: Thomas.Kardaras@forces.gc.ca	
Telephone No. / Nº de téléphone	**FAX No. / Nº de fax**
Destination Central Medical Equipment Depot (CMED) 105 Montgomery Road, Building BB104A Canadian Forces Base Petawawa Petawawa, ON K8K 2X3	

Instructions: Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions : Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

Delivery Required / Livraison exigée	**Delivery Offered / Livraison proposée**
Vendor Name and Address / Raison sociale et adresse du fournisseur	
Name and title of person authorized to sign on behalf of vendor (type or print) / Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie) Name – Nom _____ Title – Titre _____ Signature _____ Date _____	

Canada

National Defence | Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

AMENDMENT 001 TO SOLICITATION NUMBER W6369-23-A087 IS RAISED TO:

1. Answer bidder questions,
2. Update ATTACHMENT 1 TO PART 4 – EVALUATION CRITERIA,
3. Update Section Performance Criteria of APPENDIX 1 TO ANNEX A – SPECIFICATIONS,
4. Update Section 3. CERTIFICATION AND COMPLIANCE of ANNEX A – STATEMENT OF REQUIREMENT.

1. QUESTIONS AND ANSWERS:

Number	**Questions/Answers/Amendments**
Question 1:	*M2 states: The Bidder must demonstrate that their proposed Portable Blood Refrigerators are able to maintain blood product temperature at a set point no less than 2 degrees Celsius and no more than 8 degrees Celsius.* Is the "8 degrees" Celsius a typo since Canadian blood storage regulation is 1 to 6 C?
Answer 1:	Yes, M2 will be amended to the following: The Bidder must demonstrate that their proposed Portable Blood Refrigerators are able to maintain blood product temperature at a set point no less than 1 degrees Celsius and no more than 6 degrees Celsius.
Question 2:	*M1 states: The Bidder must demonstrate that their proposed Portable Blood Refrigerators have a payload capacity of a minimum of 20L up to a maximum of 35L.* Does "payload" capacity refer to the blood volume.... or is it the volume of the cabinet that can hold payload?
Answer 2:	Payload capacity refers to the storage capacity.
Question 3:	Is the IEC 61010 third party certification for the rated operating temperature range of -20 C to + 45 C (per M8)?

Number	Questions/Answers/Amendments
Answer 3:	Please see amendment to M8. You are no longer required to demonstrate M8 criterion. However: • As per Specification 3 of APPENDIX 1 TO ANNEX A Canada is expecting the following : o The Portable Blood Refrigerators must be capable of operating on battery at least 10hrs in the following environmental conditions: i. Cold temperatures down to -20 degrees Celsius; and, ii. Hot temperatures up to 45 degrees Celsius • As per M11 The Bidder must demonstrate that their proposed Portable Blood Refrigerators or their electrical components comply with applicable Canadian standards for electrical safety (such as CAN/CSA C22.2 NO. 61010-1 for example) and are certified by a Standards Council of Canada (SCC) accredited certification body. The marks and labels in the following link are recognized for use in Canada: (https://www.scc.ca/en/accreditation/approval-marks-electrical-products-safety).The Bidder must include with their proposal a proof of certification mark issued by an SCC accredited certification body
Question 4:	Is internal battery charging functionality required? Does the system require IEC 61010 third party certification of the battery charging functionality at -20 C to + 45 C?

Number	Questions/Answers/Amendments
Answer 4:	As Per M3: The Bidder must demonstrate that their proposed Portable Blood Refrigerators are able to operate on a rechargeable battery at 12- 24 VDC and on electrical power outlets at 120-240 VAC. The Bidder must provide a technical manual or similar documentation. As per M4: The bidder must demonstrate that the battery of their proposed Portable Blood Refrigerator can reach a run time of at least 72 hours in its optimal operating conditions; The Bidder must indicate the battery model and provide a proof of battery run time from a technical manual or similar documentation. M3 and M4 imply that once unplugged from a 120-240VAC power source or from a 12-24DC power source, the portable blood refrigerator must run on its own embedded battery to supply power to maintain its temperature set point. The embedded battery must reach at least 72 hours run time. As per M11 The Bidder must demonstrate that their proposed Portable Blood Refrigerators or their electrical components comply with applicable Canadian standards for electrical safety (such as CAN/CSA C22.2 NO. 61010-1 for example) and are certified by a Standards Council of Canada (SCC) accredited certification body. The marks and labels in the following link are recognized for use in Canada: (https://www.scc.ca/en/accreditation/approval-marks-electrical-products-safety).The Bidder must include with their proposal a proof of certification mark issued by an SCC accredited certification body
Queston 5:	Does M8 “capable of operating on battery" imply the payload temperature uniformity of M2 is maintained in the ambient extremes?
Answer 5:	Please see amendment to M8. You are no longer required to demonstrate M8 criterion. However, as per Specification 3 of APPENDIX 1 TO ANNEX A Canada is expecting that the Portable Blood Refrigerators run on battery for at least 10 hrs at ambient extremes (down to -20 degrees Celsius and up to 45 degrees Celsius) to maintain payload temperature uniformity of M2.
Question 6:	Can the compartment interior wall temperature be lower than the 2 C limit if baskets are supplied to keep the payload from contact? If yes, is the payload usable volume measured with the protective baskets installed?
Answer 6:	According to M2: the Bidder must demonstrate that their proposed Portable Blood Refrigerators are able to maintain blood product temperature at a set point no less than 1 degree Celsius and no more than 6 degrees Celsius. According to M1: The Bidder must demonstrate that their proposed Portable Blood Refrigerators have a payload capacity of a minimum of 20L up to a maximum of 35L.
Question 7:	Is test data demonstrating payload temperature uniformity in +45 C ambient required? Is this demonstration with the full blood bag payload in place? Or is this test data for an empty refrigerator per NSF / ANSI 456 -2021a, for example?

Number	Questions/Answers/Amendments
Answer 7:	Please see amendment to M8. You are no longer required to demonstrate M8 criterion. However, as stated in M2, the Bidder must demonstrate that their proposed Portable Blood Refrigerators are able to maintain blood product temperature at a set point no less than 1 degree Celsius and no more than 6 degrees Celsius.

2. DELETE ATTACHMENT 1 TO PART 4 – EVALUATION CRITERIA in its entirety and REPLACE with the following:

ATTACHMENT 1 TO PART 4 - EVALUATION CRITERIA

1. Mandatory Technical Criteria

A. The following mandatory technical criteria must be demonstrated with supporting documentation in the form of a screen shot of equipment function from the equipment, user manual, technical/sales brochure, report and/or certifications which must be provided with the Bidder's response at the time of bid submission. Failure to submit supporting documentation that clearly demonstrates the mandatory technical criteria listed below, may render the bid non-compliant and will not be given further consideration. Any information proposed as options or additions to the work will NOT be evaluated.

#	MANDATORY TECHNICAL CRITERIA	BIDDER SUBSTANTIATION (INCLUDES LOCATION WITHIN PROPOSAL; TITLE, PAGE, ETC.)
M1	The Bidder must demonstrate that their proposed Portable Blood Refrigerators have a payload capacity of a minimum of 20L up to a maximum of 35L. The Bidder must provide a technical manual or specifications showing the capacity of the refrigerator.	
M2	The Bidder must demonstrate that their proposed Portable Blood Refrigerators are able to maintain blood product temperature at a set point no less than 1 degrees Celsius and no more than 6 degrees Celsius. The Bidder must provide a technical manual or similar documentation.	
M3	The Bidder must demonstrate that their proposed Portable Blood Refrigerators are able to operate on a rechargeable battery at 12- 24 VDC and on electrical power outlets at 120-240 VAC.	

#	MANDATORY TECHNICAL CRITERIA	BIDDER SUBSTANTIATION (INCLUDES LOCATION WITHIN PROPOSAL; TITLE, PAGE, ETC.)
	The Bidder must provide a technical manual or similar documentation.	
M4	The bidder must demonstrate that the battery of their proposed Portable Blood Refrigerator can reach a run time of at least 72 hours in its optimal operating conditions; The Bidder must indicate the battery model and provide a proof of battery run time from a technical manual or similar documentation.; The Bidder must provide a technical manual or similar documentation.	
M5	The Bidder must demonstrate that their proposed Portable Blood Refrigerators do not exceed a total weight of 145 pounds, battery included. The Bidder must provide a technical manual or similar documentation.	
M6	The Bidder must demonstrate that their proposed Portable Blood Refrigerators have a handlebar to improve transportability. The Bidder must provide a technical manual or screenshot of unit or similar document.	
M7	The Bidder must demonstrate that their proposed Portable Blood Refrigerators have a digital external temperature data logger. The Bidder must provide a technical manual or screenshot of unit or similar document.	
M9	The Bidder must demonstrate that their proposed Portable Blood Refrigerators do not exceed the following dimensions: 30” x 25” x 16” (external volume of 12,000 in_3), can be any combination of the dimensions or lower. The Bidder must provide a technical manual or similar documentation.	
M10	The Bidder must demonstrate that their proposed Portable Blood Refrigerators have rugged containers that can be	

#	MANDATORY TECHNICAL CRITERIA	BIDDER SUBSTANTIATION (INCLUDES LOCATION WITHIN PROPOSAL; TITLE, PAGE, ETC.)
	transported with other equipment on a standard aircraft pallet. The Bidder must include with their proposal proof of ruggedness testing and compliance against applicable military standards, such as MIL-STD-810G ASSIST-QuickSearch Document Details (dla.mil) (https://quicksearch.dla.mil/qsDocDetails.aspx?ident_number=212798)	
M11	The Bidder must demonstrate that their proposed Portable Blood Refrigerators or their electrical components comply with applicable Canadian standards for electrical safety (such as CAN/CSA C22.2 NO. 61010-1 for example) and are certified by a Standards Council of Canada (SCC) accredited certification body. The marks and labels in the following link are recognized for use in Canada: (https://www.scc.ca/en/accreditation/approval-marks-electrical-products-safety). The Bidder must include with their proposal a proof of certification mark issued by an SCC accredited certification body. (https://www.scc.ca/en/accreditation/approval-marks-electrical-products-safety).	

3. DELETE Section Performance Criteria of APPENDIX 1 to ANNEX A - SPECIFICATIONS in its entirety and REPLACE with the following:

Performance Criteria

2. The Portable Blood Refrigerators must:

i. Be capable of maintaining blood product temperature at a set point no less than 1 degree Celsius and no more than 6 degrees Celsius;
ii. When used in ambient temperature conditions, between plus fifteen degrees Celsius (+15°C) to plus twenty-five degrees Celsius (+25°C), the Portable Blood Refrigerator must have a battery run time of at least 72 hours while programmed at set point;
iii. Be approved for use during air and ground transportation;

4. DELETE Section 3. CERTIFICATION AND COMPLIANCE of ANNEX A – STATEMENT OF REQUIRMENT in its entirety and REPLACE with the following:

3. CERTIFICATION AND COMPLIANCE

The Portable Blood Refrigerators or their electrical components must comply with applicable Canadian standards for electrical safety (such as CAN/CSA C22.2 NO. 61010-1 for example) and be certified by a Standards Council of Canada (SCC) accredited certification body. The Portable blood refrigerators must bear a certification mark from a Standards Council of Canada accredited certification body. The marks and labels in the following link are recognized for use in Canada: (https://www.scc.ca/en/accreditation/approval-marks-electrical-products-safety).The Bidder must include with their proposal a proof of certification mark issued by an SCC accredited certification body.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME