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**- TPSGC**  
**11 Laurier St. / 11, rue Laurier**  
**Place du Portage , Phase III**  
**Core 0B2 / Noyau 0B2**  
**Gatineau**  
**Québec**  
**K1A 0S5**  
**Bid Fax: (819) 997-9776**

**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**  
Electronics, Simulators and Defence Systems Div.  
/Division des systèmes électroniques et des systèmes de  
simulation et de défense  
11 Laurier St. / 11, rue Laurier  
8C2, Place du Portage  
Gatineau  
Québec  
K1A 0S5

<b>Title - Sujet</b> HEADQUARTERS SHELTER SYSTEMS (HQSS)		
<b>Solicitation No. - N° de l'invitation</b> W8476-155245/A		<b>Amendment No. - N° modif.</b> 007
<b>Client Reference No. - N° de référence du client</b> W8476-155245		<b>Date</b> 2015-06-26
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$QF-112-25083		
<b>File No. - N° de dossier</b> 112qf.W8476-155245	<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 2015-08-14</b>		<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT
<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> Mercier, Michel		<b>Buyer Id - Id de l'acheteur</b> 112qf
<b>Telephone No. - N° de téléphone</b> (819) 956-4015 ( )		<b>FAX No. - N° de FAX</b> ( ) -
<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>

## Amendment No. 007

1. This amendment is raised to provide some answers to questions submitted by Bidders.

For recording and tracking purpose, there is a number assigned to each question as received by PWGSC. The responses are being published as they become available but not necessarily reflect the original assigned numbering sequence.

2. In accordance with the Notice of Proposed Procurement Amendment No. 003, the bid solicitation closing date is extended for the second time to August 14, 2015.

Canada has retained the service of a Third Party to participate and assist in Phase 2 of the Bid Evaluation - HQSS Performance Verification. To preserve the integrity, availability and timeline of this Phase 2 process, Canada does not intend to extend the HQSS closing date past August 14, 2015.

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## Question 97

Reference: HQSS Acquisition and In-Service Evaluation, Appendix BA, Annex B, Volume 1.

Section 2. Point Rated Criteria - Technical, Page 5.

A minimum score of 62 points out of the 104 available points for the HQSS TECHNICAL rated criteria at Table 2 must be achieved

for a bid to be considered responsive and to proceed further in the evaluation process.

The points total for this section is 114, not 104 as stated in this section. Please confirm.

Section 5. Point Rated Criteria - NRC Verification (Technical), Page 24.

A minimum score of 71 points out of the 123 available points for the HQSS NRC Verification (Technical) rated criteria at Table 5 must be achieved for a bid to be considered responsive and to proceed further in the evaluation process.

The points total for this section is 126, not 123 as stated in this section. Please confirm.

## Response

Volume 1, Annex B, Appendix BA, Section 2 is amended to read:

" 2 POINT RATED CRITERIA - TECHNICAL

Point rated requirements and their designated point values are listed in the tables below.

A minimum score of 68 points out of the 114 available points for the HQSS TECHNICAL rated criteria at Table 2 must be achieved for a bid to be considered responsive and to proceed further in the evaluation process."

Please amend Para 5 of Appendix BA to Annex B to Volume 1 to read:

"5 POINT RATED CRITERIA - NRC VERIFICATION (TECHNICAL)

A minimum score of 76 points out of the 126 available points for the HQSS NRC Verification (Technical) rated criteria at Tables 5 must be achieved for a bid to be considered responsive and to proceed further in the evaluation process."

Please amend the Paragraphs referenced below from Annex B to Volume 1 to read as follows:

- third paragraph of Para 3.1.1.1 - b - 2 on page 4 of 13 to read: " The minimum pass standard (defined in Volume 1 - Bidder Instruction and Requirements, Annex B, Appendix BA, Table 2 - Point Rated Criteria for Technical is 68/114 points from the Technical Bid."
- Para 4.1.5 on page 10 of 13 to read: "HQSS systems which do not pass a mandatory requirement, which includes achieving a minimum pass mark of 76/126 in as identified in Volume 1 - Bidder Instructions and Requirements, Annex B- Bid Evaluation Plan, Appendix BA - Performance Verification, Table 5 - Verification (Technical) Point-Rated Criteria, during the scheduled verification test period for that requirement will be deemed non-responsive and will not be retested for that requirement"
- Para 5.1.1(b) on page 11 of 13 to read " meet all mandatory criteria including achieving a minimum pass standard identified in Volume 1- Bidder Instructions and Requirements, Annex B - Bid Evaluation Plan - (75/110) for Management Evaluation and a combined 144/240 for Technical Evaluation - the combined total number of Technical Points is obtained by combining all the point scores for the Technical Rated criteria within Volume 1 - Bidder Instructions and Requirements, Annex B - Bid Evaluation Plan, Appendix BA - Technical and Management Evaluation (Table 2 - minimum 68/114) and Appendix BB - Performance Verification (Table 5 - minimum 76/126); and "
- Para 5.2.1 on page 11 of 13 to read " 5.2.1 Technical Merit Score  
The Technical Merit Score for each responsive bid will be determined as follows:  
Example:

Phase 1 - Bidder obtains	74 points
Phase 2 - Bidder obtains	64 points
Total Points - out of maximum of 240	138 points
Formula to evaluate on common basis of 100 points - $(138/240 * 100) =$	57.5 points
Technical Weighting - between Technical, Management and ITB Points	40%
Technical weighted points	23 points

- Para 5.2.5 on page 12 & 13 of 13 to read:  
" 5.2.5 Following the successful completion of the evaluations in Phase 1 and Phase 2, the compliant Bidder with the responsive, combined lowest cost-per-weighted point for both the HQSS Acquisition and In-Service Support bids will be recommended for the award of both contracts

Example Illustration:

The table below illustrates an example where all three bids are responsive and the selection of the contractor is determined by an overall lowest - cost-per- weighted point score:

NOTE: The weighted points will be rounded up to two (2) decimal places.

Please see the revised table in Amendment 02 dated 08 May 2015.

### Question 103

Reference: HQSS-RVM, Appendix AA to Annex A to Volume 2, page 35

Section 1.35.1.; Personnel 1.35.1.2. The HQSS shall be handled by persons wearing Personal Protective Equipment (PPE) and Improved Environmental Clothing System (IECS). For running cables during setup/tear down, replacing filters, making adjustments to the equipment, etc., can the gloves that are worn underneath the mittens be used? If so, can the Crown provide the NSN number for these gloves?

## Response

The NSN for the cold weather gloves as follows:

8415-01-555-4183 - Mitten Shells, Extreme Cold Weather, Large 096Y0	P/N 71871-L-011	NCAGE
8415-01-555-4174 - Mitten Shells, Extreme Cold Weather, Medium 096Y0	P/N 71871-M-011	NCAGE
8415-01-555-4165 - Mitten Shells, Extreme Cold Weather, Small 096Y0	P/N 71871-S-011	NCAGE
8415-01-555-4031 - Mitten Inserts, Extreme Cold Weather, Large 096Y0	P/N 71876-L-011	NCAGE
8415-01-555-4016 - Mitten Inserts, Extreme Cold Weather, Medium 096Y0	P/N 71876-M-011	NCAGE
8415-01-555-4001 - Mitten Inserts, Extreme Cold Weather, Small 096Y0	P/N 71876-S-011	NCAGE

## Question 104

HQSS-RVM, Appendix AA to Annex A to Volume 2, page 134

3.26 Heater - Safety Requirements; 3.26.1.2 The Heater shall contain a Carbon Monoxide (CO) and Carbon Dioxide (CO<sub>2</sub>) detector with alarm and positive fuel and fan shutoff.

CO monitors are commonly used in installations (e.g. household, boats, recreational vehicles) where combustion by-products have a chance to enter the living space. However, CO<sub>2</sub> detectors are not normally used for these types of installations. Research indicates that -51°C CO<sub>2</sub> detectors are not readily commercial available and therefore we recommend that the requirement for a CO<sub>2</sub> detector to be removed. It's technologically not possible to comply with this requirement under all of the climatic conditions listed under paragraph 1.40.2.1. Low Temperature. Only the CO detector is required to detect a breach in the heat exchanger to signal the heater to generate an alarm and positively shut-off the fuel and fan.

Response (Note French response has been updated; no change to English response)

HQSS-RVM, Appendix AA to Annex A to Volume 2, page 134, 3.26 Heater - Safety Requirements; 3.26.1.2 is amended to read:

"3.26.1.2 The heater shall contain a Carbon Monoxide (CO) detector with alarm and positive fuel and fan shutoff."

## Question 148

Vol 2, App AA, 2.6.1/2.6.2: It should be noted that U Factors are normally used to provide a heat transmission rate per surface area, in this case the U Factor is based on the floor area which adds confusion. Using the mandatory maximum of 131.8 times the minimum floor area of the office shelter of 16.3 square metres (from 2.1.10.1) times the temperature delta of 69 degrees C (-51 C to + 18 C) yields a heater producing 148,235 watts. In BTU this equates to a heater of 505,800 BTU/hr. Even the desirable requirement of 58 watts/C/sq -m will result in a heater of 222,600 BTU/hr. We believe as a result the specification is too lenient and even a non- insulated commercial shelter will meet the desirable requirement.

## Response

Agreed, Thanks for your comment. DND found an error in their calculation and the U Factor reference is amended.

Reference to Volume 2, Appendix AA to Annex A, Para 2.6.1 and Para 2.6.2 is amended to read:

" 2.6.1 The Operations Shelter, Planning Shelter, and Office Shelter shall have a heat transmission rate (U Factor) no greater than 5.47 Watts/-C per m2, when tested in accordance with the Third Party Verification Test Plan. As Mandatory; and

2.6.2 The Operations Shelter, Planning Shelter, and Office Shelter shall have a heat transmission rate (U Factor) no greater than 2.67 Watts/-C per m2, when tested in accordance with the Third Party Verification Test Plan. As Desirable requirement"

Reference to Volume 1 Appendix BB to Annex B, Table Appendix A: Mandatory Criteria Verification, Requirement # 4, RVM reference 2.6.1 and Appendix B: Point Rated Criteria Verification, Item 45, RVM reference 45 and Para 6.7.5 ON Page 33 of 48 is amended to read:

" 2.6.1 The Operations Shelter, Planning Shelter, and Office Shelter shall have a heat transmission rate (U Factor) no greater than 5.47 Watts/-C per m2, when tested in accordance with the Third Party Verification Test Plan;

45

2.6.2

The Office Shelter should have a heat transmission rate (U Factor) no greater than 5.47 Watts/-C/m2, when tested in accordance with National Research Council Canada, Test Plan - Shelter System Thermal Performance Measurement Method. = 5.47 Watts / -C m2 5.47 > X - 5.19 Watts / -C m2 5.19 > X - 4.91 Watts / C m2 4.91 > X - 4.63 Watts /-C m2 4.63 > X - 4.35 Watts /-C m2 4.35 > X - 4.07 Watts / -C m2 3.79 > X - 3.51 Watts / -C m2 3.51 > X - 3.23 Watts / -C m2 3.23 > X - 2.95 Watts / -C m2 2.95 > X - 2.67 Watts / -C m2 2.67 Watts / -C m2 > X

Perf. Level

#

Weight

Points Scored (Per Level x Weight)

	0	1	2	3	4	5	6	7	8	9
10	0.9									

And

6.7.5 Verification Matrix Req# Mandatory/

Rated Requirement

4 Mandatory

2.6.1 The Office Shelter must have a heat transmission rate (U Factor) no greater than 5.47 Watts/-C/m2, when tested in accordance with the National Research Council Canada, Test Plan - Shelter System Thermal Performance Measurement Method.

45 Rated

2.6.2 The Office Shelter should have a heat transmission rate (U Factor) no greater than 2.67 Watts/-C/m2, when tested in accordance with National Research Council Canada, Test Plan - Shelter System Thermal Performance

**Question 182**

3.2.1 Part A Section 1 - Technical Proposal

3.2.2 Part A Section II: Management Proposal

3.3.1 Part B Section 1- Technical Proposal

3.3.2 Part B Section II: Management Proposal

Paragraph 3.2.1.3, 3.2.2.3, 3.3.1.4 and 3.3.2.3 each direct that the plans specified be included, once in the Technical volumes of each Part and again in the Management volumes of each part. Request: Where would PWGSC like to see the plans included? Can they be included as a separate appendix (to each part if need be) and referenced as appropriate within the main volumes?

Response

The plans must be submitted as requested. Part A is for the Acquisition Contract and Part B is for the ISS Contract.

**Question 183**

Reference: Volume 1

3.3.1 Part B, Section 1 - Technical Proposal

3.3.1.2 Last sentence. "...by identifying the specific paragraph and page number where the topic has already been addressed."

Request: Because it will not be known on what page the particular reference will occur until final production, please allow that a Paragraph Number alone will suffice.

Response

Bidders are required to provide paragraph and page references in their response.

**Question 184**

Reference: Volume I, Para 3.2.1.1

This instruction is to include the Statement of Work topics in the Technical Volume response.

Request: Would it be more appropriate to cover many of these topics in the Management Volume?

Response

Bidders must respond as requested. Responses to Volume 1, Para 3.2.1.1 must be contained in the HQSS Acquisition section of a bidder's response.

**Question 185**

Reference: Volume I, Para 3.1.2, page 8 requires ...soft copies on CD/USB

Request: Does PWGSC wish to receive the soft copies on a CD, or on a USB? May the offeror select one of the two formats or are both formats required? Please clarify.

Response

Soft copies must be on a CD due to amount of data and the size of the files.

**Question 208**

Reference: SOW, Annex A to Volume 2. Section: 3 STANDARD CLAUSES AND CONDITIONS, 3.3 Supplemental General Conditions, page 6. 3.3.1 4006 (2010-08-16) Contractor to Own Intellectual Property Rights in Foreground Information apply to and form part of the Contract. That the following provisions of Supplemental General Conditions 4006 04 (2008-05-12) Ownership of Intellectual Property Rights in Foreground Information, pertaining to Canada's rights respecting Foreground and Background data be modified or deleted as follows:

- Delete the sentence at 4006 04, Para 1, which reads: " The Contractor also grants to Canada a license to use the Background Information to the extent that it is reasonably necessary for Canada to exercise fully all its rights in the deliverables and in the Foreground information".
- Delete 4006 04, Para 3, which details, inter alia, Canada's rights under license to disclose Foreground and Background Information to third parties, to disclose Foreground and Background information to other governments and to reproduce, modify, improve, develop or translate the Foreground and Background Information, in its entirety.
- Delete the sentence at 4006 04, Para 4, which reads: "The Contractor agrees to make the Background Information, including in the case of Software, the source code promptly available to Canada for any purpose mentioned above".

The scope of the subject provisions extends Canada's rights beyond Foreground Information to encompass Background Information. The provisions represent an unfair and onerous risk that proprietary, Contractor-owned Intellectual Property will be disseminated by Canada to third parties or other governments, placing its confidentiality in jeopardy and causing material harm to the Contractor's competitive position in the marketplace.

**Response**

Canada does not agree that the subject provisions are unfair. They provide Canada with license rights in both foreground and background information that are necessary for Canada to fully exercise its rights in the Contract deliverables. Canada is not prepared to agree to the deletion which has been proposed.

**Question 219**

We wish to know the location of the NRC facility to be used for Third Party Verification, whether it is St Johns, Newfoundland or Ottawa, Ontario.

**Response**

The Third Party Verification will be conducted in Ottawa, Ontario.

**Question 220**

Reference: Appendix AA to Annex A, Page 9, Requirement 1.4.1.2

Requirement Description: Moved on terrain in accordance with paragraph 1.40.2.11 for a distance of at least 15m to the loading site with the assistance of the Contractor supplied simple Handles and Grasp Areas in accordance with paragraph 1.22.1 integrated into the HQSS Components (or Protective Cover in accordance with paragraph 1.21) such that personnel are not required to carry the equipment; and Request: In paragraph 1.3 - Deployment, the requirement to not lift/carry the equipment was removed in paragraphs 1.3.1.1 and 1.3.1.2. However, in paragraph 1.4 - Withdrawal, the requirement remained to

not lift/carry the equipment. Should the requirement to not lift/carry the equipment also be removed from the Withdrawal paragraphs?

#### Response

No change to the requirement, unless the contractor designs and provides a ramp to move the equipment from and into the container. The lift / Carry are required to move the HQSS equipment from the ground to the Cargo container.

#### Question 221

Reference: Appendix AA to Annex A, Page 9, Requirement 1.4.1.3

Requirement Description: Loaded into ground?dumped Cargo Containers in accordance with paragraph 1.24.1 with the assistance of Contractor supplied simple Handles and Grasp Areas in accordance with paragraph 1.22.1 integrated into the HQSS Components (or Protective Cover in accordance with paragraph 1.21) such that personnel are not required to lift the equipment off the ground;

Request: In paragraph 1.3 - Deployment, the requirement to not lift or carry the equipment was removed in paragraphs 1.3.1.1 and 1.3.1.2. However, in paragraph 1.4 - Withdrawal, the requirement remained to not lift the equipment. Should the requirement to not lift/carry the equipment also be removed from the Withdrawal paragraphs?

#### Response

No change to the requirement, unless the contractor designs and provides a ramp to move the equipment from and into the container. The lift / Carry are required to move the HQSS equipment from the ground to the Cargo container.

#### Question 222

Reference: Appendix AA to Annex A, Page 30, Requirement 1.25.1

Requirement Description: As a minimum, like Components of the HQSS (including any Protective Cover in accordance with paragraph 1.21), without being packaged in industrial crates in accordance with the ISS SOW, shall be securely stackable (nest on top of each other) up to a height of 254 cm, without damage to the equipment (during and after exposure), without any equipment degradation and fully serviceable after transportation.

Request: In Amendment 25 to LOI B, clarification was given to this requirement in serial #114. That response stated: "It is not necessary to have a rigid transit case to comply with the stackability requirement. The HQSS will be transported in ISO containers that will be dropped in the field and moved by using the carrying bags or the handles to final destination. The design of a bay or a cage in the ISO container to facilitate stacking the bags will be an acceptable solution. As long as the ISO containers allow stacking of the components to the required height and no damage occurs from stacking, is it still acceptable to not have a rigid transit case that would "nest on top of each other"?

#### Response

The answer provided in Amendment 25 to LOI B is correct and applicable: It is not necessary to have a rigid transit case to comply with the stackability requirement. The HQSS will be transported in ISO containers that will be dropped in the field and moved by using the carrying bags or the handles to final destination. The design of a bay or a cage inside the ISO container to facilitate stacking the bags will be an acceptable solution. As long as the ISO containers allow stacking of the like components to the



required height and no damage occurs from stacking, is it still acceptable to not have a rigid transit case that would "nest on top of each other."

### Question 223

Reference: Appendix AA to Annex A, Page 79, Requirement 2.10.2.13.2

Requirement Description: The Hard Doors shall meet the 30 minute fire rating requirement of National Fire Protection Association (NFPA-80) Standard for Fire Doors and Other Opening Protective National Fire Protection and American Society for Testing and Materials (ASTM E2074) Standard Test Method for Fire Tests of Door Assemblies, including Positive Pressure Testing of Side-Hinged and Pivoted Swinging Doors.

Request: The fire ratings for doors, does not seem to be compatible with the temporary nature of expeditionary soft wall shelter systems. See the additional notes below from the NFPA standards for specific issues with this requirement. Keeping this requirement will add additional weight and cost with little benefit when the shelters themselves are not fire rated. We request this requirement be removed.

- o Per NFPA 1, the purpose of a fire door is to maintain a fire barrier. Since the fabric shelter is not a fire barrier, please explain the rationale for the door to be fire rated. This requirement is not compatible with a soft-walled shelter. The NFPA 80 requirement for supporting construction (4.8) requires that walls the doors are attached to, be made of brick, concrete, or concrete masonry unit construction. This is not compatible with a soft-walled shelter.

- o NFPA 80 has clearance requirements that mandate 1/8 inch (3.18 mm) at the top and the sides (6.3.1.7) that are unreasonably tight for doors that will be deployed in the field on uneven surfaces that may be encountered on operations.

- o 30 minute rated doors are not a standard rating. 1/3 hour (20 minute) or 45 minute doors are the standard ratings.

- o Fire doors must be self-closing or automatic closing (6.1.3). This will add additional cost and complexity to these doors.

### Response

Reference: Appendix AA to Annex A, Page 79, Requirement 2.10.2.13. Please note the following:

- Fire rated door is required to prevent the propagation of fire happened outside the shelter main entrance to inside. This will provide additional time to evacuate the shelter and deal with the fire.
- Regarding NFPA 80 tight clearance requirement of 1/8 inch at the top and the side of the door. The design is the contractor's responsibility. DND is leaving the answer to this challenge to the contractor. DND believes that the requirement is achievable. Currently DND uses hard fire doors that are integrated into existing shelter system.
- DND preference to use a standard fire rated door of not less 1/3 hour (20 minutes) is acceptable.
- Correct; Fire doors must be self-closing or automatic closing. No change to the requirement.

### Question 224

Reference: Appendix AA to Annex A, Pages 23-24, Requirements 1.23.2 and 1.23.10

Requirement Description: Requirement 1.23.2 says HVAC "shall" [emphasis added] weigh 241.8 kg or less. Requirement 1.23.10 says HVAC "should" weigh less than 241.8 kg.

Request: Please update Requirements 1.23.2 and 1.23.10 to clarify the "shall" and "should" weights.

### Response

Reference: Appendix AA to Annex A, Pages 23-24, Requirements 1.23.2 and 1.23.10. Please note the "HVAC" is amended to read "Air-Conditioning Unit".

Reference the terms used as "Shall" and "Should". The "shall" refers to a Mandatory requirement and the "should" is the rated requirement in which points will be awarded to the bidders proposing equipment weight of less than 241.8kg as shown in Table 5 of Attachment 2 of Appendix BA to Annex B, Volume 1 Para 1.23.10.

Please note Para 1.23.10 of Appendix AA to Annex A, Volume 2 is amended to read:

"1.23.10 The Air-Conditioning Unit should weight 241.8kg "

### Question 225

Reference: Appendix AA to Annex A, Page 127

Requirement 3.20.3 states: The Heater shall include minimum fresh air provisioning for the Design Occupancy of the Shelter. Requirement 3.20.2 states: When configured for heating, the Heater shall be capable of providing fresh air flow that is adjustable between 0 and 100%.

Request: Please confirm that the 0-100% adjustment required per 3.20.2 is to supply 100% of the fresh air flow for the design occupancy of the shelter, not a requirement for the heater to supply only fresh air to the shelter.

Response

Correct. The heater shall be capable of providing fresh air flow that is adjustable between 0 and 100%. This means the soldier can adjust the fresh air intake on the heater to any value between 0 and 100%. The fresh air intake adjustment is needed to comply with health and safety standards with respect to the amount of fresh air requirement per occupancy. Please refer to ASHRAE Standard 62.

### Question 226

Reference: Appendix AA to Annex A, Page 113

Requirement 3.7.2 states: The Air Conditioner shall be capable of providing fresh air flow that is adjustable between 0 and 100%.

Request: Please confirm that the 0-100% adjustment required per 3.7.2 is to supply 100% of the fresh air flow for the design occupancy of the shelter, not a requirement for the Air Conditioner to supply only fresh air to the shelter.

Response

Correct. The Air-Conditioning shall be capable of providing fresh air flow that is adjustable between 0 and 100%. This means the soldier can adjust the fresh air intake on the Air-Conditioning unit to any value between 0 and 100%. The fresh air intake adjustment is needed to comply with health and safety standards with respect to the amount of fresh air requirement per occupancy. Please refer to ASHRAE Standard 62.

### Question 228

Reference: Appendix BB to Annex B to Volume I

Request: Please confirm the geographical location(s) at which the Third Party Verification Tests will be performed.

## Response

The Third Party Verification Tests will be performed in Ottawa Ontario, Canada.

### Question 229

Reference: VOL II - 2009A - Annex B - Milestone and Pricing Schedule; pages 5&6, VOL I - 1010A - Appendix BD - Cover Page HQSS Aggregate Price Evaluation Calculation, VOL I - Attachment BD1 - HQSS Total Evaluated Price - page 2

Request: In 2009A, there are several option quantity amounts called out for the individual line items on pages 5 & 6. Which option quantities will be used for price evaluation purposes in 1010A and 1011- There are no quantity amounts mentioned in either 1010A or 1011, page 2.

## Response

Acquisition options will be evaluated as the sum of extended prices for all quantity line items listed in Vol 2, Annex B, HQSS Acquisition Pricing Schedule.

### Question 230

Reference: VOL II Appendix AA to Annex A - 2.19.1.1.1, 2.19.1.1.4, 2.19.1.1.7

Requirement Description: Operations/Planning/Office Shelters shall be fitted for, but not provided with, the Red Cross Tent Fly (NSN 8340-21-900-3928).

Request: Section 2.19.1.1 requires that the HQSS shelters be able to interface with the Red Cross tent fly. In order to interface appropriately, a drawing package/specification or a mechanical ICD for the Red Cross Tent Fly is needed.

## Response

A230-E The Drawing for Red Cross Tent Fly NSN 8340-21-900-3928, P/N DL-8676535-1, NCAGE 35907 will be provided.

### Question 231

Reference: VOL II Appendix AA to Annex A - 2.19.3.3, 2.19.3.4, 2.19.3.5

Requirement Description: Using the Vehicle Boot, the Operations/Planning/Office Shelter shall be able to connect to the rear end of the following vehicles:

- i. Medium Support Vehicle System (MSVS) Truck (all variants);
- ii. Light Armoured Vehicle (LAV) VI (all variants);
- iii. Tactical Armoured Patrol Vehicle (TAPV);
- iv. Light Armoured Vehicle (LAV) III (all variants);
- v. Light Armoured Vehicle (LAV) II (all variants);
- vi. Armoured Command Post (M577);
- vii. Light Support Vehicle Wheeled (LSVW) Cargo Truck;
- viii. Tracked Light Armoured Vehicle (TLAV);
- ix. Medium Light Vehicle Wheeled (MLVW); and
- x. G-Wagon

Request: In order to ensure that the shelters (with the Vehicle Boot) are able to interface with the above mentioned vehicles, please confirm whether: a. bidders will have access to these vehicles prior to bid

submission; or b. whether drawings showing the dimensions of the rear view at the vehicles will be provided.

#### Response

A231-E Please refer to Volume 2, Appendix AA to Annex A, Para 2.18.5.3 and 2.19.3.6. DND believes that bidders have sufficient information to provide a price for the vehicle boot. Bidders will not have access to these vehicles prior to bid submission.

#### Question 232

Reference: VOL II Appendix AA to Annex A - 1.40.2.12.1 and 1.40.2.12.1.2

Requirement Description:

i. The HQSS shall remain fully operable, without damage and meet all performance requirements, during and after exposure to ground transport vibration environment as described in MIL-STD-810G, Method 514.6 Vibration, Procedure I - General Vibration, Category 4 Secured Cargo - Composite Wheeled Vehicle;

ii. Exposure Duration described in paragraph 2.1.4.b. Two-wheeled trailer and wheeled vehicles.

Request: Paragraph 2.1.4.b (of Method 514.6 Annex C, Category 4 in MIL-STD-810G) states that "the exposure duration for two-wheeled trailer is 32 minutes per 51.5 kilometers (32 miles) traveled (per axis), and the exposure duration for composite wheeled vehicles is 120 minutes per 804 kilometers (500 miles) traveled (per axis).

What is the targeted distance for testing- As mentioned above, the distance traveled will determine the exposure duration of the test.

#### Response

The target distance for testing as per Para 2.1.4 b of Method 514.6 of MIL-Std-810G:

b.Two-wheeled trailer and wheeled vehicles. The exposure duration for two-wheeled trailer is 32 minutes per 51.5 kilometers (32 miles) traveled (per axis), and the exposure duration for composite wheeled vehicles is 120 minutes per 804 kilometers (500 miles) traveled (per axis).

#### Question 233

Reference: VOL I - Appendix BB to Annex B - Third Party Verification Test Plan

Request: The maximum detailed points add up to 126. The Bid Evaluation Plan indicates the maximum total is 123. Which is correct?

#### Response

Reference to Volume 1 - Appendix BB to Annex B - Third Party Verification Test Plan, The maximum detailed points add up to 126. Please see the answer to questions 97 and 98.

#### Question 235

Reference: Volume 1, Annex A, Appendix AB, page 11.

Has Section 6.5 been intentionally deleted from this Appendix? Please advise.

#### Response:

Articles 6.6 and 6.6.1 of Appendix AB to Annex A to Volume 1 have been amended as follow:

Delete the assigned number 6.6 of the Article and replace with number 6.5

Delete the assigned number 6.6.1 of the Article and replace with number 6.5.1

#### **Question 237**

Reference: VOL II, Appendix AB to Annex A

Table 1 in Appendix AB to Annex A to Volume 2, specifies that 6800 Tactical Lighting Kits shall be delivered.

Table 2 in Appendix AB to Annex A to Volume 2, specifies that 6800 Tactical Lighting Kits (including IOC quantity) shall be delivered at FOC.

Table 4 in Appendix AB to Annex A to Volume 2, specifies that each of the four HQSS Complex Type Compositions shall have "sufficient quantities to meet the Tactical Lighting Kit requirements for supplied shelters".

Request: Calculations show that the efficiency of candidate LED lighting systems is such that the total of the "sufficient quantities to meet the Tactical Lighting Kit requirements for supplied shelters" will be less than 6800. Please advise how and to where the surplus lighting kits should be delivered.

Response

There will be no change to the firm quantity of tactical lighting Kits as per Table 1 of Appendix AB to Annex A, Volume 2. The deliverable location will be to 25CFSD in Montreal.

#### **Question 238**

Please clarify the test procedures necessary to satisfy the requirements outlined in paragraph 1.40.2.4.1. Specifically, is it Canada's intent that the contractor put the HQSS in its stored configuration in the test cell and subject it to solar radiation for three cycles, then set up the HQSS while at the peak temperature, followed by three more cycles of solar loading, then conduct an operational checkout at the peak temperature followed by disassembly activities also at the peak temperature?

Response

Correct. The test procedures specified under paragraph 1.40.2.4.1 to Mil-Std-810G Method 505.5, Test Procedure I:

a. Procedure I - Storage. Use Procedure I to investigate how high temperatures during storage affect the materiel (integrity of materials, and safety/performance of the materiel). This test procedure includes exposing the test item to high temperatures (and low humidity where applicable) that may be encountered in the materiel's storage situation, followed by an operational test at controlled or high temperature ambient conditions. For materiel inside an enclosure that is, in turn, exposed to solar heating, consider using Method 505.5, Procedure I to determine the actual level of heating of the test materiel caused by solar loading.

#### **Question 239**

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Please confirm which temperature category (A1 or A2) should be used for the test described in paragraph 1.40.2.4.1.

Response

The temperature category to be used is Mil-Std-810G Method 505.5, Test Procedure I: High temperature cycles, climatic category A1 - Hot Dry

#### **Question 240**

Please confirm whether the HQSS heaters are to be part of the testing described in paragraph 1.40.2.4.1.

Response

All HQSS equipment shall be subject to Mil-Std-810G Method 505.5, Test Procedure I (storage under climatic condition of A1 category).

#### **Question 241**

Please confirm that the tests described in paragraphs 1.40.2.5.1 and 1.40.2.5.2 are to be conducted on the HQSS in its operational configuration only and not on the stored configurations.

Response

Correct; The tests described in paragraphs 1.40.2.5.1 and 1.40.2.5.2 are to be conducted on the HQSS in its operational configuration only and not on the stored configurations

#### **Question 242**

Please confirm that the tests described in paragraphs 1.40.2.5.1 and 1.40.2.5.2 need to be applied to any exterior components of the HQSS heaters and air conditioners

Response

Correct; the tests described in paragraphs 1.40.2.5.1 and 1.40.2.5.2 need to be applied to any exterior components of the HQSS. The heaters and air conditioners are included.

#### **Question 243**

Please confirm how the tests described in paragraphs 1.40.2.5.1 and 1.40.2.5.2 are to be applied to the vehicle boot? I.e. will Canada provide a sample vehicle for the purposes of testing?

Response

The tests described in paragraphs 1.40.2.5.1 and 1.40.2.5.2 shall be applied to the vehicle boot. Canada will provide a sample vehicle or a wooden mock to simulate the back of vehicle for the purposes of testing.

**Question 244**

Please confirm whether the test requirement outlined in paragraph 1.40.2.6.1 (icing/freezing rain) applies to the air conditioning unit.

Response

The test requirement outlined in paragraph 1.40.2.6.1 (icing/freezing rain) does not apply to the air conditioning unit.

**Question 245**

Please identify which test procedure is to be used to verify the snow loading criteria listed in paragraph 1.40.2.7 after contract award.

Response

Please refer to Volume 1, Appendix BB to Annex B, Para 6.4 for the snow load test procedure to be used to verify the snow loading criteria listed in paragraph 1.40.2.7 after contract award.

**Question 246**

Paragraphs 1.40.2.8, 1.40.2.9 and 1.40.2.12 list test/analysis as the means of compliance demonstration after contract award. Can Canada please clarify which method of compliance will be used so that the Bidders can price and schedule the work appropriately?

Response

Please refer to Volume 2 of Appendix AA, Annex A, Glossary. Tests, documentation, Analysis are acceptable methods to demonstrate compliancy with the requirement.

**Question 247**

Paragraph 1.40.2.12.4.2 identifies a course at the Aberdeen Proving Grounds. Is it Canada's intent that the bidders must use the identified course at Aberdeen to demonstrate compliance to the requirements of paragraph 1.40.2.12.4 after contract award? Will Canada provide the truck to be used for this testing?

Response

No it is not necessary to use Aberdeen Proving Grounds test site for qualification. However, the terrain types, profiles and the number of circuits shall be equivalent with Aberdeen Proving Ground terrains. Canada will provide truck and driver for the purpose of testing.

**Question 248**

Para 1.35.13.1 indicates that the HQSS must comply with all safety labeling requirements of Mil-STD-1472G, paragraph 5.7.2 which in turn calls out the requirements for center of gravity and weight markings as well as lift requirement markings. Can Canada please confirm whether these markings must be applied to each carry bag and/or loose component or if they just apply to larger pieces of equipment such as a heater?

#### Response

Reference to Volume 2 of Appendix AA, Annex A, Para 1.35.13.1, center of gravity and weight marking as well as lift marking requirements are applicable to all ISO containers of different HQSS configurations. These markings shall also be applied to the heater and the air-conditioning unit.

#### Question 249

Para 1.40.2.1.3 outlines low temperature testing on the stored configuration of the HQSS. Please confirm that a 4 hour "cold soak" period (once the temperature has stabilized at -51C) is acceptable and that an operational checkout of the equipment is not required at this stage.

#### Response

The time required for cold soak is dependent on the equipment mass and material. The 4 hour "cold soak" period is sufficient once the temperature of the equipment under the test has stabilized at -51-C. Operational checkout of the equipment is not required at this stage.

#### Question 250

Please confirm that the low temperature operational testing described in paragraph 1.40.2.1.4 can be combined with the low temperature manipulation testing described in paragraph 1.40.2.1.5. I.e. The operation configuration of the equipment would be tested as specified in paragraph 1.40.2.1.4 and then, while at -51C, would be disassembled and repacked as described in paragraph 1.40.2.1.5 without having to raise and lower the temperature again between these tests.

#### Response

Correct, the test specified under Para 1.40.2.1.4 can be combined with the low temperature manipulation testing described in paragraph 1.40.2.1.5.

#### Question 251

Please confirm whether the HQSS should be subject to constant temperature exposure or cyclical temperature exposure during the testing described in paragraphs 1.40.2.2.3, 1.40.2.2.4 and . Please note that cyclical temperature exposure will increase the duration and thus the cost of the test.

#### Response

The HQSS should be subject to constant temperature exposure during the testing described in paragraphs 1.40.2.2.3 & 1.40.2.2.4.



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**Question 252**

Please confirm that erecting the HQSS is not part of the testing requirements described in paragraph 1.40.2.2.3.

**Response**

Erecting the HQSS is not part of the testing requirements described in paragraph 1.40.2.2.3. However, Inspection of the equipment after conducting the test is required.

**Question 253**

Please clarify the intent of the testing described in paragraph 1.40.2.2.5 as the description in Appendix AA (testing the ability to immediately set up the HQSS at +49C after storage at +71C) appears to be in conflict with the test procedures outlined in Mil-Std-810G, method 501.5, procedure III (where the equipment starts the test in the tactical, presumably the erected, state).

**Response**

The intent from test procedures outlined in Mil-Std-810G, method 501.5, procedure III is to evaluate the materiel's performance at the operating temperatures of +49C after being presoaked at non-operational temperatures of +71C.

**Question 254**

Given the size and number of the HQSS components, the HQSS systems will be shipped in a series of carry bags and/or storage cases. Please confirm that it is Canada's intent that the post contract award shock tests described in sections 1.40.2.13.1, 1.40.2.13.2 and 1.40.2.13.3 are to be performed separately on each individual HQSS carry bag and/or storage case?

**Response**

Canada's intent is that the post contract award shock tests described in sections 1.40.2.13.1, 1.40.2.13.2 and 1.40.2.13.3 are to be performed separately on each individual HQSS carry bag and/or storage case.

**Question 255**

Paragraph 1.7 and 1.8 refer to 4 persons, please advise whether this is supposed to read 6 persons to be consistent with 1.3.1.3.1?

**Response**

Paragraph 1.7 and 1.8 are rated requirements in which 4 persons are required; However, Para 1.3.1.3.1 is the mandatory requirement in which 6 persons are required.

**Question 256**

Paragraph 1.34.10 and 1.34.11 prescribes an "arch" type shelter which is inherently unfair to any bidder wishing to propose a sloped-roof shelter. Please consider removing these as a rated criteria or specifying and fully describing the type of frame member ensuring that the specified type of frame member affords all bidders an equal and fair opportunity to provide the required functionality?

#### Response

The capability to maintain the shelter while erected is one of the high performance capabilities required by the Army. The term "arch" will be removed and substituted with "frame central joint assembly" to be more generic and applicable to any shelter frame.

Para 1.34.10 and 1.34.11 to read as follows:

" 1.34.10 The time required to replace the frame central joint assembly in any shelter should be between 30 minutes and 120 minutes"

" 1.34.11 While replacing the frame central joint assembly in any shelter, the area not available for operation in any shelter should be less than 100% of the Effective Floor Area in accordance with paragraph 2.2. "

#### Question 257

Paragraph 2.9.2 refers to a "face". In the softwall shelter industry a "face" is typically the same as an "end" while Paragraph 2.9.2.1 refers to a side. Please confirm that a full-face interconnection therefore can be accomplished by joining shelters end-to-end? Please note that if the intent was to connect along the long (sloping/arched) side of a shelter, there is no means for the connection to sustain the specified snow load and the frame members would reduce any usable effective floor area.

#### Response

Paragraph 2.9.2 is a rated requirement and refers to full face which means connecting along the side of the shelter. The intent is to have the capability to increase the effective floor area for the shelter.

#### Question 258

Please describe what is meant by a "dual closure mechanism" in 2.10.2.2?

#### Response

The "dual closure mechanism" in 2.10.2.2 means the soft door zipper has two hand taps for opening or closing the door from inside or outside the shelter.

#### Question 259

Paragraph 2.10.3.2 implies that both the soft doors and hard doors are to be double doors. Normally the soft door is a single door while the hard door is a double door. Please confirm that our understanding is correct?

#### Response

Paragraph 2.10.3.2 does not imply that either soft doors and hard doors are to be double doors. The hard or soft door at the entrance of the blackout vestibule and the internal door to enter the shelter shall be designed to block the emission of visible light from escaping the shelter.

#### Question 260

Paragraph 2.13.16 requires the solar shade to sustain near hurricane force winds which is unreasonable since the solar shade is effectively a "sail". Please consider amending the requirement to specify winds according to 1.40.2.8.1?

#### Response

Paragraph 2.13.16 is amended to read:

"2.13.16 A deployed Solar Shade shall be secured to withstand winds in accordance with paragraph 1.40.2.8.1 and rain in accordance with paragraph 1.40.2.5 from any direction without damage to the Solar Shade."

#### Question 261

The requirement for a solar shade for the air conditioner was eliminated from the air conditioner specification based on a recommendation during the LOI. Please consider removing Paragraph 2.14 to be consistent?

#### Response

Agreed, Para 2.14 of Appendix AA to Annex A, Volume 2 is amended to delete the requirement specified under Para 2.14.

#### Question 262

The requirement at Paragraph 2.18.5.3/2.18.5.3.1 is impossible to meet considering the wide variation in size of vehicles and containers specified while at the same time meeting such environmental specifications for blowing sand and dust, snow load, rain and wind. Please provide the specific quantities of vehicle boots for each type/family of vehicle and container listed? Alternatively please remove the stringent requirement to meet all environmental standards should a single vehicle boot be required. Such a single boot design must be accepted with significant folding and puckering of fabric etc.

#### Response

The requirement specified under Para 2.18.5.3/2.18.5.3.1 is achievable. The design is the responsibility of the contractor. Please see below a concept design for single vehicle boot that fits all:

#### Question 263

Please provide dimensions and drawings for the Red Cross Flag specified in 2.19.1.1?

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**Response**

The drawing for the Red Cross Tent Fly NSN 8340-21-900-3928, P/N DL-8676535-1, NCAGE 35907 will be provided.

**Question 264**

Please remove the term "shall" from 2.19.1.8.1 since it is impossible to design a system when the intended "other systems" are unknown?

**Response**

No change to the requirement. The "other equipment" specified under Para 2.19.1.8 are typical office equipment. The HQSS shall be designed to accommodate the listed office and operational equipment.

**Question 265**

Please provide outline drawings and interface dimensions for the shelters, tents and vehicles listed in 2.19.2.1 , 2.19.2.2 , and 2.19.3?

**Response**

Please refer to Volume 2, Appendix AA to Annex A, Para 2.18.5.3 and 2.19.3.6 for the dimensions of the vehicle boot.

**Question 266**

Please consider removing the requirement for a UV light in 3.4.9 since these are inherently fragile and not suitable for rugged tactical use nor able to meet the vibration and 24 inch drop test specified under the shock standard. There are no available COTS/MOTS air conditioners that incorporate a UV light.

**Response**

Para 3.4.9 of Volume 2 to Appendix AA is amended and changed to a "rated" requirement.

**Question 267**

Please remove the requirement at 3.4.12 and 3.4.13 since this was removed during the LOI (amendment 015, Q136). A resistance heating system provides a HSPF of 3.4.

**Response**

Requirement Para 3.4.12 and 3.4.13 of Appendix AA to Annex A, Volume 2 is deleted.

**Question 268**

Please confirm that the term "within" as described in 3.11.5 and 3.24.6 means within the horizontal footprint of the unit?

#### Response

Reference to Volume 2, Appendix AA to Annex A. The term "within" as described in 3.11.5 and 3.24.6 means within the horizontal footprint of the unit.

#### Question 269

Please consider changing the requirement at 4.11.2 to what was stated all along during the LOI which fits on a standard North American pallet.

#### Response

Reference to Volume 2, Appendix AA to Annex A. Para 4.11.2 is amended to read:

"4.11.2 The length and width of an individual Semi-Rigid Flooring segment shall fit within an envelope of standard North American pallet. "

#### Question 270

Paragraph 2.15 refers to a "Wind Kit"; please clarify that no wind kits are to be supplied as they are not listed as CLIN's or if required for each and every shelter the specification should be amended to clearly state this?

#### Response

A Wind Kit is required for each and every shelter.

Para 2.15.2 is amended to read as follows:

"The color scheme of the exterior and the interior facing sides of the wind kit shall be one of the following, in descending order of performance"

Para 2.15.3 is added as follows:

"Operating shelter, Planning shelter, Office shelter, Shelter connecting hub and blackout vestibule shall be supplied with Wind Kit."

Type of requirement "Mandatory", Means of compliance Post Contract Award "Documentation" and Means of compliance Pre-Contract Award "Compliance Statement".

#### Question 271

HQSS ISS Resulting Contract, Volume 3 6.8 Economic Price Adjustment (EPA), page 13

6.8.1 The Firm Monthly Rate for Core Services detailed at Annex B, Appendix BA, the Firm Unit price and Firm Hourly Labour Rates for Repair and Overhaul Services detailed in Appendix BB and the Firm Hourly Labour Rate for Task Authorization detailed in Appendix BD will be adjusted starting with at the start date of Contract Year 6, should the option periods, Option Period One (Year 6 to 10) be exercised, by the amount established based on the annual average percentage increase (decrease) in the monthly index of the Consumer Price Index for Canada, All Items (Not Seasonally Adjusted), published in Statistics Canada Catalogue no.62-001-X, Table 5 at a 50 weighting and the Average Weekly Earnings for Canada, All employees, excluding overtime, (Not Seasonally Adjusted), NAICS = Industrial aggregate

excluding unclassified business, published in Statistics Canada Table No. 281-0027 at a 50 weighting, for the 12-month period ending 2 months prior to the new Contract Year Start date.

Annex BD to Annex B to Volume 1 - Bidders Instructions and Requirements, page 14, Table 19: In-Service Support ? Firm Labour Rates for Task Authorization Work or Services, Option Period 1 in, CLIN?2001 states: "Price of OLIN 2001 will be the product of yearly firm hourly rates multiplied by estimated levels of effort for Years 6 to 10, based on a 2% annual escalation from CLIN 1901". The calculation offered in Annex BD is different than the one offered than in Economic Price Adjustment formula noted in Volume 3, HQSS Resulting Contract, Part 6.8, Point 6.8.1. Can you please confirm which calculation/table/information is accurate?

We want to ensure that when pricing is required that we have all information to submit an adequate and compliant response.

Response

See answer to Question 215.

#### Question 272

Contract Data Requirements List (CDRL), Appendix AA to Annex A to Volume 3 Maintenance Support, HQSSISS-MS-01, Acceptance Procedures, page 3

SOW Reference provided, 17.8.3 and 17.8.6, do not exist. Please provide correct references to ensure bid submission compliance.

Response

Appendix AA to Annex A to Volume 3, Maintenance Support, HQSS-ISS-MS-01, Acceptance Procedures, page 3. The reference is amended to read: "15.8.3 and 15.8.4"

#### Question 273

Contract Data Requirements List (CDRL), Appendix AAR to Annex A to Volume 3

Maintenance Support, HQSS-ISS-MS-03, Preservation and Preparation for Shipment Procedures, page 4

SOW Reference provided, 17.16.8.1 does not exist. Please provide correct references to ensure bid submission compliance.

Response

Appendix AA to Annex A to Volume 3, Maintenance Support, HQSS-ISS-MS-03, Preservation and Preparation for Shipment Procedures, page 4. The reference is amended to read: "15.17"

#### Question 274

Contract Data Requirements List (CDRL), Appendix AA to Annex A to Volume 3

Engineering Support, HQSSISS-ES-01 to -05, Configuration Management Plan, Equipment Breakdown Structure, Engineering Proposal Change, Technical Problem Report and Technical Investigation and Engineering Support Tasking, page 4

The SOW references provided 11.1.2, 11.1.4, 11.1.7, 11.3.5 and 19.1.3 are incorrect or non-existent

## Response

A274-E Appendix AA to Annex A to Volume 3, Engineering Support, HQSS-ISS-ES-01, 02, 03, 04 & 05 on page 4. The references are amended to read:

- HQSS-ISS-ES-01 reference "9.1.2"
- HQSS-ISS-ES-01 reference "9.1.5"
- HQSS-ISS-ES-01 reference "9.1.7"
- HQSS-ISS-ES-01 reference "9.3.4"
- HQSS-ISS-ES-01 reference "17.1.3"

## Question 275

In-Service Support Pricing Schedule, Appendix BC to Annex B to Volume 3

Catalogue of Spare & Consumables - Contract Period

Item No.0801 to 0832

Total Evaluated Price for HQSS, Attachment BD1 to Annex B to Volume 1, tables 13 through 17 inclusively, page 8-13, note an additional item: Shipping and Storage Container - 20 foot Side Opening, CLIN 1431, CLIN 1531, CLIN 1631, CLIN 1731 and CLIN 1831. Is this item to be priced? If so, where in the bid should this item be priced? Please clarify to ensure bid submission compliance.

## Response

Shipping and Storage Container - 20 foot Side Opening is to be priced only in Volume 3, Appendix BC, Catalogue of Spares and Consumables. Prices are required only for the Contract Period.

## Question 276

Bidder Instructions and Requirements, Volume 1

3.3 Requirements for Bidder's Proposal Part B, ISS, 3.3.3 Part B Section III: Financial Proposal, page 10

3.3.3.5 For evaluation purpose, Canada will use these proposed prices to populate Volume 1 - HQSS

Bidder Instructions and Requirements, Annex B, Appendix BD, Attachment BD1 - HQSS Total Evaluated Price, Table 3 to 15 to determine the total price for the HQSS In-Service Support.

Total Evaluated Price for HQSS, Attachment BD1 to Annex B to Volume 1 contains 24 pricing tables. Is pricing for tables 16 to 24 required? If not, what purpose do these tables serve if they are not factored into the Total Evaluated Price calculation? Please clarify to ensure bid submission compliance.

## Response

Canada will populate all tables contained in Vol 1, Attachment BD1 to Annex B, Total Evaluated Price for HQSS. Bidders are required to populate Acquisition and In-Service Support Pricing Schedules only.

## Question 277

HQSS ISS Resulting Contract, Volume 3 6.12 Interim Rates, page 14 6.12.1 The Contractor shall be paid the latest relevant rates, prices and markups as Interim rates, markups and prices, until such time as new PWGSC/Contractor rates, prices and markups have been negotiated in accordance with Contract Cost Principles 1031-2 and the latest Departmental Profit Policies in effect at the time of the adjustment. The negotiated prices will formally be incorporated into a contract amendment to take effect the day the amendment has been signed. This program will be a competitively priced bid for contract award. This

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clause raises the prospect that that firm pricing may be subject to later review and renegotiation. Can you please clarify? Please clarify to ensure bid submission compliance.

Response

See answer to Question 215.

### Question 311

With reference to RFP Volume 1, AA1, what is the significance of the date August 17, 2012 with reference to bank transactions?

Response

The date August 17, 2012 is significant as this is the date the first LOI for the HQSS project was issued. In the LOI, Industry Canada officially announced that August 17, 2012 (date LOI was issued) would be the beginning of Achievement Period.

### Question 312

Minister Finley recently announced changes to the ITB policy. Will these changes be incorporated into the HQSS bid solicitation?

Response

Industry Canada is still interpreting the policy revision. At this time no changes are anticipated as a result of this announcement. There is potential for negotiation after contract award.

### Question 313

Can Industry Canada explain how a Contractor's international export capacity will be affected by Canadian companies hiring foreign contractors?

Response

Industry Canada is advising that this question be submitted in writing to the PWGSC Contracting Authority. Canada will then publish a written answer.

### Question 314

What kind of enforcement regime will the HQSS VP/ITB requirement have? Is Canada aware that it may be more beneficial for the Contractor to just pay financial penalties than fulfilling ITB/VP obligations?

Response

The HQSS ITB/VP requirements have a stronger enforcement regime than previous requirements including strong performance guarantees.



**Question 315**

Will Canada provide an editable copy of the HQSS-RVM for bidders to provide their compliance upon?

Response

Canada will not provide an editable copy of the HQSS-RVM to bidders.

**Question 316**

Which NRC facility will be used for third party verification - Ottawa or St. Johns?

Response

The NRC facility is located in Ottawa, Ontario.

**Question 317**

Please consider removing the requirement for fire-rated doors; this does not make sense when the shelter itself is not fire-rated.

Response

No change to the requirement. A fire rated door is required to prevent the propagation of fire happening outside the shelter main entrance to inside. This will provide additional time to evacuate the shelter and deal with the fire.

**Question 318**

Please confirm that a heat pump is not required on the air conditioner.

Response

It is not necessary to have Heat-pump on the air-conditioning unit to meet the requirement specified in section 3 of Appendix AA to Annex A of Volume 2.

**Question 319**

Please provide a ceiling price for the acquisition contract since the price from bidders may be too high as a function of the evaluation methodology - this would result in a failed procurement.

Response

A ceiling price for the acquisition contract will not be provided by Canada.

### Question 320

Section 5.7.1 of the Tactical Lighting Kit - Performance Characteristics, Page 152 was recently amended to read: "When operating in Normal Lighting Mode, the Tactical Lighting Fixtures shall emit white light with a colour within the range of 5000K to 5300K." Question: Industry standards for LED color sorting are guided by ANSI C78.377-2008 (Specifications for the Chromaticity of Solid State Lighting Products). This standard guides that a nominal 5000K color temperature is rated to emit light within the range of 4745K - 5310K or 5028K (+/-283K). Could Canada please consider revising Para 5.7.1 to conform to industry standards, using the ANSI C78.377 guide?

#### Response

The LED color sorting as per ANSI C78.377-2008 (Specifications for the Chromaticity of Solid State Lighting Products). This standard guides that a nominal 5000K color temperature rated to emit light within the range of 4745K - 5310K or 5028K (+/-283K) is acceptable.

### Question 321

Q&A Answers previously released under amendment 4, page 38, question 117. The answer provided referenced MIL-STD-1472G Section 5.9.11.3. This section does not exist. Please clarify answer.

#### Response

Section 5.9.11.3 is the correct reference taken from MIL-STD-1472F and the reference 5.8.6.3 is used in MIL-STD-1472G.

### Question 323

Clarification is requested regarding the Controlled Goods registration requirement in HQSS RFP W8476-155245/A. Specifically, the RFP states that "this contract includes access to controlled goods. Prior to access, the contractor must be registered in the Controlled Goods Program of Public Works and Government Services Canada."

In accordance with Canada's Controlled Goods Program, a Program registrant is required to identify the particular Export Control List (ECL) Group No. and/or ECL Item No. for the hardware identified in the subject Contract, RFP, or RFQ in order to complete the Controlled Goods Program application.

The hardware involved in the HQSS RFP is a shelter system (operation, planning, and office shelters) with flooring, lighting, heaters, and air-conditioning units. In reviewing the ECL, Group 1 is dual-use; however, shelters are not included in that group, and shelters do not appear in Group 5 either. All other groups appear to be not applicable. In short, it is unclear as to ECL classification of the goods associated with the HQSS RFP, or even if the identified goods are subject to Controlled Goods regulations at all at this point.

The Controlled Goods Directorate to seek additional clarification in the Controlled Goods registration process; the Directorate's Program Information Officer recommending seeking clarification with the HQSS RFP technical authority on the Controlled Goods registration requirement.

Accordingly, additional information and identification of the hardware that is expected to be subject to ECL classification in the HQSS subject Contract is required for Bidders to complete the Controlled Goods registration application. Alternatively, if Canada is able to determine that Controlled Goods will not be associated with a resulting HQSS Contract, it is requested that the Controlled Goods registration requirement be removed from the HQSS RFP, as such requirement would be inapplicable.

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**Response**

Although controlled goods are unlikely for the HQSS requirement, the RFP will remain as is until bid responses are received.

**Question 324**

Reference Vol 2, Resulting Contract, 1.1.1: This requirement states that the "Contractor/Offeror" must hold a Canadian facility secret clearance. Is it a requirement that the offeror must currently hold a facility clearance to be eligible to bid? If not and a facility security clearance is not held by the winning bidder, is the intent to postpone such award until security clearance is granted assuming the bidder is eligible for such clearance?

**Response**

The offeror must hold the required facility clearance prior to contract award.

**Question 325**

Reference: Answer to Questions 18 (in Amendment #4) and Vol 2, Annex A, paragraph 5.5.2.6 CDR. If the HE&UT occurs at the start of the QTP as indicated in the answer to question 18, and the QTP lasts the full 90 days, then the CDR (which is scheduled based upon the approval of the HE&UT report) would be scheduled to occur prior to the completion of the QTP. Is this Canada's intent, or should the CDR be linked to the approval of the QTP report?

**Response**

The CDR is linked to the approval of the QTP Report (First Article Inspection and Testing (FAIT) Report which includes the HE&UT report.

**Question 326**

Please confirm that the two (2) days of Familiarization Training to be provided as part of the HE&UT are included in the ten (10) day duration specified for the HE&UT in Vol 2, Annex A, paragraph 5.5.2.5.9.

**Response**

Confirmed. The two (2) days of Familiarization Training to be provided as part of the HE&UT are included in the ten (10) day duration specified for the HE&UT in Vol 2, Annex A, paragraph 5.5.2.5.9.

**Question 327**

Reference: Answer to Question 8. We received the Technical Data for HQSS Acquisition and note that drawing 9776280 was not included. Please confirm this is forthcoming?

**Response**

Drawing 9776280 is included in the Technical data for release to bidders. Bidders to request Technical data through PWGSC.

### Question 328

Reference Vol 2, AA, 6.15.14. Please confirm that the NATO Stock numbers for containers listed under 6.1 include the requirement for exterior paint color 34094 and interior paint color 24533?

Response

Confirmed, The Protective finish for the ISO container shall be as specified in Para 6.15.14.1 and 6.15.14.2. Federal Standard 595 Color FS 34094 for the exterior and 24533 for interior.

### Question 329

Reference Vol 2, AA, 6.15.14. Do the containers require a new paint finish considering the potential damage that may occur having been shipped to three ports in accordance with 6.4?

Response

Please refer to Volume 2 of Appendix AA, Para 6.4. The containers need to be delivered new to the CAF. This means the container has not been used for the purpose of shipping or has been used for the purpose of shipping for no more than 3 ports. The containers may require a new paint finish considering the potential damage that may occur having been shipped to three ports in accordance with Para 6.4.

### Question 330

Reference Vol 2, AA, 6.1.3. Currently the requirement appears to suggest that a three-side opening Tricon container is required. In view of the response to Question 119 which requires the Contractor to include restraint devices to secure the HQSS in the container, we recommend the most standard configuration of Tricon with doors at one end only since three-side opening containers provide limited attachment points for securing restraint devices. Additionally using small containers such as Tricons, where three sides open will result in very little usable stowage volume. It is noted that the three other container types for HQSS all contain one opening side only.

Response

Acknowledged. The contractor shall optimize the design to package the HQSS system inside the ISO containers specified in Appendix AA of Volume. The selection of types of containers to be used for packaging is the responsibility of the contractor.

### Question 331

With respect to the answer to question 124 in amendment 4, can Canada:

a. Please clarify that section 1.24.4.1 is being amended to call out Mil-STD-810F, method 516.5, procedure VII (rail impact) as the test method that is required to prove compliance?

b. Please confirm that the 16 cargo configurations must all be tested after contract award - i.e. that Canada requires 16 individual, successful rail impact tests to prove compliance to the requirements of Vol 2, Appendix AA to Annex A, item 1.24.4.1?

Response

a. Correct, test procedure as per Mil-Std-810F, method 516.5, procedure VII (rail impact) is required to prove compliance for Para 1.24.4.1 of Appendix AA to Annex A, Volume 2.

b. Confirmed. The 16 cargo configurations must all be tested after contract award - i.e. that Canada requires 16 individual, successful rail impact tests to prove compliance to the requirements of Vol 2, Appendix AA to Annex A, item 1.24.4.1.

### Question 332

Reference:

- a. Vol 1, Appendix BB to Annex B, section 6.2.6: Verification Matrix
- b. Vol 2, Appendix AA to Annex A, section 1.6.1, 1.12.1, 1.10.1 and 1.14.1

The requirements listed in section 6.2.6 of Reference A, do not include the requirements identified in line 1.6.1.6, 1.10.2.5, 1.12.1.5, and 1.14.1.5 of Reference b. Please confirm that the testing done during Third Party Verification Testing will satisfy all of the requirements of section 1.6.1, 1.10.1, 1.12.1 and 1.14.1 of the RVM and that additional "Demonstration" after contract award will not be required.

Response

Confirmed. The testing done during Third Party Verification Testing will satisfy all of the requirements of sections 1.6.1, 1.10.1, 1.12.1 and 1.14.1 of the RVM and that additional "Demonstration" after contract award will not be required.

### Question 333

Reference Vol 2, AA, 3.4.12 and 3.4.13: CSA-C656-14 is a standard that can only be used for Air Conditioners below 19KW according to 1.1.1 g of this standard. Does this therefore impose a restriction on bidders to offer only air conditioners below 19 KW? It should be noted that larger capacity air conditioners are required to obtain desirable points in 3.16.2 and 3.16.4.

Response

Requirement Para 3.4.12 and 3.4.13 of Appendix AA to Annex A, Volume 2 are deleted as per the answer to question 267.

### Question 334

Reference response to Question 122: Please specify which of the trucks listed under 1.24.3.2 is the truck with the "highest limit of the three specified carriers"?

Response

The Heavy Logistic Vehicle Wheeled (HLVW) - Palletized Load System Variant is the highest limit of the three specified carriers.

### Question 335

Further to the preceding question, please confirm Canada will provide the truck to the Contractor in order to perform the road testing according to the answer provided in the previous question? In addition please confirm that the selected carrier is able to be operated at the specified 40% side slope taking into account the container is on a PLS system with a yet to be determined load center of gravity without causing the carrier to roll over?

#### Response

Confirmed. DND will provide the truck to the contractor in order to perform the road testing. The selected HLVW carrier is able to operate at maximum slope of 30%. Please note that the answer to question 122 is updated to delete the 40% sloped road and to read as follows:

The requirement specified under Vol 2, App AA, 1.24.3.1. the cargo should be qualified to the same level of shock and vibration subjected to the carrier truck. The 16 HQSS configurations shall be tested and qualified to the highest limit of the three specified carriers. The test distance and terrain types as follows:

- On-Road profile = 250 KM
- Off-road profile = 300 KM as follows:
  - \* Sand terrain = 125 KM
  - \* Gravel terrain = 160 KM
  - \* Side sloped portion 20% & 30% = 2 KM (one kilometer with road-side up and one kilometer with curb-side up)
  - \* Belgian block = 10 KM
  - \* granite block = 2 KM
  - \* Concrete sine wave = 1 KM.

### Question 336

Further to the preceding question, please confirm that the Contractor is required to test all 16 configurations in the terrain and distance specified in response to Question 122?

#### Response

Confirmed. The Contractor is required to test all 16 configurations in the terrain and distance specified in response to Question 122.

### Question 337

Reference response to Question 122: It is understood that the specified carriers are equipped with PLS systems capable of handling 20 foot containers only. How is the Contractor to test HQSS Configurations in Bicons and Tricons- will Canada provide any necessary connectors to join two Bicons and three Tricons to make them 20 foot TEU's?

#### Response

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Three connectors (NSN 3040-01-387-4048) should come with each TriCon and BiCon ISO container as specified in Volume 2, Appendix AA Para 6.1.3 & 6.1.4. DND will not provide the connectors needed to connect two BiCons or three Tricons to make a 20ft long assembly.

**Question 338**

Reference Vol 1, BB, 6.4.5.4: The specified test procedure presupposes all competitors shelters utilize an outer shell soft wall described in 2.4.3 over a metal frame. For shelters that utilize an exterior frame please advise how the vinyl sheets will be draped over the outer shell fabric without draping the vinyl sheets over the frame which would otherwise be unfair to bidders who do not utilize an exterior frame?

Response

Reference Vol 1, BB, 6.4.5.4: For shelters that utilize an exterior frame, the vinyl sheets will be draped over the fabric to simulate snow load on the shelter.

**Question 339**

Reference Vol 1, BB, 6.4.5.4: The specified procedure does not state that the vinyl sheets are to be installed in such a manner to mimic a uniform snow load as described in 6.4.7. Please confirm that the vinyl sheets will be placed as accurately as possible to ensure uniform loading over the entire surface area calculated in accordance with 6.4.5.2?

Response

Confirmed. Reference Vol 1, BB, 6.4.5.4: The vinyl sheets shall be installed in such a manner to mimic a uniform snow load to ensure uniform loading over the entire surface area calculated in accordance with 6.4.5.2.

**Question 340**

Reference Vol 2, AA, 3.17.14: Is the automatic priming feature only required for fuel coming from the on-board fuel tank or does it apply when fuelling from a jerry can and/or 45 gallon drum?

Response

Reference Vol 2, AA, 3.17.14: The automatic priming feature is required for fuel coming from the on-board fuel tank or when fuelling from a jerry can and/or 45 gallon drum.

**Question 341**

During the LOI period there were many questions and answers, not all of which are reflected in the RFP. Can we assume that answers in the prior LOI continue to be in effect for the RFP?

Response

The LOI and RFP are two distinct processes. We refer you to Volume 1 - Bidder Instructions and Requirements, paragraph 1.2.11 of the RFP which provides as follows:

"This Request for Proposal contains all the requirements and objectives relating to this bid solicitation. Other information or documentation provided to or obtained by the Bidder from any other source will have no force or effect."

### Question 342

Reference Vol 1, RFP Part 3, 3.2.1/3.2.2/3.3.1/3.3.2: It is unclear what is required to be submitted for the Technical and Management bids and there appears to be duplication since the same deliverables are required for 3.2.1.3, 3.2.2.3, 3.3.1.3 and 3.3.1.4. Are we correct to understand that only the plans and documents requested in Vol 1, Appendix BA are required for the Technical and Management Bids? For the Technical Bid please confirm Items 2 and 4 of Vol 1 BA can be demonstrated by providing and completing the column titled "Means of Compliance Pre-Contract Award of the RVM in Vol 2 BA? For the Management Bids, please confirm that providing the documents and plans required in items 1 and 3 of Vol 1 BA constitute the Management Bids? If our understanding is incorrect please provide a specific list of documents and plans that are required for each of the Technical and Financial bids? It should be noted that the resulting contracts for Acq and ISS are normally accepted through the act of responding to a RFP.

### Response

Correct, only the plans and documents requested in Volume 1, Appendix BA are required for the Technical and Management Bids.

For the Technical Bid, Items 2 (Point rated criteria - Technical) and 4 (Mandatory criteria - NRC verification (Technical)) of Volume 1, Appendix BA can be demonstrated by providing and completing the column titled "Means of Compliance Pre-Contract Award" of the HQSSRVM in Volume 2, and providing substantiation as required.

For the Management Bids, providing the documents and plans required in items 1 (Mandatory Requirements - Management) and 3 (Point-rated criteria - Management) of Volume 1, Appendix BA constitute the Management Bids.

### Question 343

Reference Vol 2, AA, Glossary: There is no definition provided for Compliance Statement, while Table 1 contains requirements for Compliance Statements throughout the RVM. Please confirm that a Compliance Statement such as "This proposal complies with the stated requirement" is sufficient?

### Response

Reference Vol 2, AA, Compliance Statement Pre-Contract Award. Please note the following:

- For the requirements that are tied to Point Rated Evaluation Criteria, DND is expecting bidders to provide Documentation / Certification / Analysis to substantiate their claim of compliance.
- For the requirements that are not tied to Point Rated Evaluation Criteria and not included in the Third Party Evaluation Plan, DND is expecting the bidder to provide the compliance statement by providing any deviation from the requirement and the physical and functional performance capability of the proposed system. Or a Bidder shall provide confirmation stating that "The (Bidder Name) confirms



that the proposed system shall meet or exceed the requirement specified under Para (The reference Paragraph number)". Please note: If the requirement is a "Rated" requirement and the bidder claimed a certain performance criteria, the claimed performance criteria will become "Mandatory" in the resulting contract.

- Please note that providing one general compliance statement such as "This proposal complies with the stated requirement" will not be sufficient.

#### Question 344

Reference Vol 1, BA, 1.2: A list is provided for draft documents to be provided with the proposal. This conflicts with the schedule for draft documents in Vol 2, AC and Vol 3, AA; which reference takes precedence?

Response

The reference document specified in Volume 1, Appendix BA, Para 1.2 shall be provided with the Technical Proposal as a Mandatory requirement. The documents will be used for the purpose of bid evaluation. The reference documents required as per Volume 2, Appendix AC and Volume 3, Appendix AA shall be submitted after contract award.

#### Question 345

Reference Vol 1, BA, 1.2.7 and response to Q30: If a Bidder is registered to ISO 9001:2008 by an accredited Quality System Registrar, will Canada accept a copy of the bidders' ISO 9001:2008 certificate in lieu of providing a Quality Plan?

Response

Yes. Canada will accept a copy of the bidders' ISO 9001:2008 certificate in lieu of providing a Quality Plan.

#### Question 346

At the Bidders' Conference held on May 29, 2015, attendees were advised that some 125 questions have yet to be answered. In view of this and the additional questions that have been submitted since that date, we respectfully request an extension to the bid closing date of 45 days since some answers to questions have already required bidders to restart certain approaches and plans to meeting the requirement and it is anticipated that further changes and revisions are forthcoming.

Response

A fifteen (15) day extension is being considered by Canada.

#### Question 347

How does R&D cost on IRB project calculated to affect CCV or VP?

Response:

For information on how Canadian Content Value (CCV) is calculated for Industrial and Technological Benefits (ITB) Direct and Indirect Transactions, see Article 6 of Annex D to Volume 2 and Article 6 of Annex D to Volume 3.

For information on what information is being requested to demonstrate a Research and Development (R&D) Value Proposition (VP) Commitment, see Article 6.5 of Appendix AA to Annex A to Volume 1.

For information on how the R&D VP Commitment is rated, see Articles 4.1.3 and 4.2.3 of Attachment BE1 to Appendix BE to Annex B to Volume 1.

### Question 349

In accordance with the instructions set out in HQSS RFP Volume 1, Paragraph 2.7.1, the Technical Data Package for the TEMS Tent Section Center (NSN 8340-21-859-3166) is requested. HQSS RFP Section 2.19.2.2 requires the HQSS shelters to interface with the TEMS. In order to interface with the TEMS, a drawing package or spec or a mechanical ICD on the TEMS systems is needed to complete this requirement.

Response

Bidders are to request the technical data package through the PWGSC Contracting Authority to obtain drawings.

### Question 350

Section 5.7.1 of the Tactical Lighting Kit - Performance Characteristics, Page 152 was recently amended to read:

"When operating in Normal Lighting Mode, the Tactical Lighting Fixtures shall emit white light with a colour within the range of 5000K to 5300K."

Industry standards for LED color sorting are guided by ANSI C78.377-2008 (Specifications for the Chromaticity of Solid State Lighting Products). This standard guides that a nominal 5000K color temperature is rated to emit light within the range of 4745K - 5310K or 5028K (+/-283K). LED manufacturers base their bin sorting around the center of the 'bin' or starting from 5028K (x 0.3447, y0.3553) and radiating out in a 5 step ellipsis pattern. The typical binning size for the 5-step ellipsis is 4797-5266K. A 3-step ellipsis can be done, with increased costs of 10%, arriving at a range of 4850K - 5223K.

The updated color temperatures, as requested will likely not be supported by LED manufacturers, as this represents only ½ of the typical area. Supporting the requested 5000-5300K will cost approximately 3 times more than the typical area, and could be rejected by the LED manufacturers.

Industry standards for LED color sorting are guided by ANSI C78.377-2008 (Specifications for the Chromaticity of Solid State Lighting Products). This standard guides that a nominal 5000K color temperature is rated to emit light within the range of 4745K - 5310K or 5028K (+/-283K).

Response

Please refer to answer provided to question no. 320. For a 5000K color temperature, the limits provided under ANSI Standard C78.377-2008 (Specifications for the Chromaticity of Solid State Lighting Products) are acceptable.

### Question 351

Please confirm the quantity of the Firm and Option Quantity for the Deliverables list in Table 1 of Appendix AB to Annex A, Volume 2 for the Tactical Lighting Kit.

Each Tactical Lighting Kit consisting of:

4 - Small Power Distribution and Tactical Lighting fixture sub-kit

1 - Switch Assembly Sub-kit

1 - Lighting Control Panel Sub-Kit

Is the desirable quantity of Tactical Lighting Kits as described in HQSS Requirements Verification Matrix, Appendix AA to Annex A Volume 2 section 5.3.1, 6800 sets or 1700 sets?

Response

The quantity of Tactical Lighting Kits is broken down into 6800 firm, and 3400 optional.

### Question 352

With reference to Amendment 4 Question 96 , the heat transmission rate (U factor) has been amended significantly from 131 W/deg m2 to 5.47 W/deg m2 Mandatory and 58 W/deg m2 to 2.67 W/deg m2 Desirable. This change represents a fundamental shift in the design and selection of suitable materials for the shelter fabric (that meet the requirements of the RFP). Consequently it is requested that a four week extension be given to enable selection/evaluation of new materials and modification of proposed shelter design.

Response

A fifteen (15) extension is being considered by Canada.

### Question 353

The effective floor area specified for each size shelter, however is this without the insulated liner fitted (the liner is effectively mandated by question 352 above)?

Response

Correct. The effective floor area is the enclosed area inside the shelter which means with the liner. Please refer to answer to question 95 for the effective floor area definition.

### Question 354

Ref Vol 1 App BA to Annex B Table 2 The number of technical points adds to 114 yet the total is 104. Could this be clarified?

Response

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Please refer to answers to questions 97 and 193.

**Question 355**

With the emphasis on assisting Small Business in Canada, could the milestone payment schedule be adjusted upward so that undue pressure is not put on smaller firms in the first year of the contract?

**Response**

There will be no change to the milestone payment schedule.

**Question 356**

Per paragraph #1.3 Deployment, sub paragraph 1.3.1.3.2 - it states that the HQSS should be designed so that the deployment may be done without the use of tools (except a hammer for staking and stake puller), material handling equipment (e.g. forklift, crane, winch), generated power, or compressed gas. Our high pressure (over 100 PSI) inflatable shelters can be deployed using several methods - for example, by air compressor, compressed air tanks (weighing no more 25 pounds) or a modified foot pump). Our modified foot pump is a non-power tool that can reach over a 100 PSI, will it conform to the mandatory requirement as an acceptable tool for deployment? Is a vehicle mounted air compressor considered a source of generated power? If not, will it conform to the mandatory requirement as an acceptable tool for deployment? Are air compressed tanks/cylinders not weighing more than 25 pound considered a compressed gas? If not, will it conform to the mandatory requirement as an acceptable tool for deployment?

**Response**

There is no change to the requirement. A foot pump, compressed air tank, air bladder, vehicle mounted air compressor, air compressor, electrical tools, forklift, crane and winch, are considered as special tools that are deemed to be non-compliant with the requirement.