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

<b>Title - Sujet</b> Tactical Headquarters Shelter Sys	
<b>Solicitation No. - N° de l'invitation</b> W8476-13HQSS/A	<b>Amendment No. - N° modif.</b> 007
<b>Client Reference No. - N° de référence du client</b> W8476-13HQSS	<b>Date</b> 2012-11-23
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$QF-024-23082	
<b>File No. - N° de dossier</b> 024qf.W8476-13HQSS	<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 2012-11-30</b>	
<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> Gagné, Annamarie	<b>Buyer Id - Id de l'acheteur</b> 024qf
<b>Telephone No. - N° de téléphone</b> (819) 956-0582 ( )	<b>FAX No. - N° de FAX</b> (819) 956-5650
<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>
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<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>

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Letter of Interest Amendment No. 007 is issued to release the following Questions and Answers (Q&A) #62 - 77:

Q62 Can the minimum requirement of the Covert Mode luminance be reduced to 30 lux over 80% of a horizontal plane located 75cm above floor level, in accord with MIL-STD-1472G Emergency Lighting specifications?

A62 No. The reference to MIL-STD-1472G Emergency Lighting specifications is not applicable to the Covert Mode. Note change to the emergency lighting requirements - Answer to LOI question no. 18: "When operating in Emergency Mode, the Tactical Lighting System shall provide a minimum luminance level of 10 Lux over 100% of effective floor area at ground level, with both temporary flooring systems fitted."

Q63 In the instance of the Tactical Lighting System new temperature requirements, we question if this could be reverted back to the original requirement of -40°C, instead of the new -51°C rating, based on the findings and reliability reporting from the LED manufacturers information?

A63 Thank you for the informative documentation with this question. However, the requirement for an operating temperature range from -51 deg C to +49 deg C still remains valid. Any future amendment will be confirmed with the RFP/SOW.

Q64 Where we can get a copy of some of the following DND Publication documents that are listed in the LOI?  
D-01-000-200/SF-001D-01-100-214/SF-000D-01-100-215/SF-000D-01-400-001/SG-000D-01-400-002/SF-000D-02-002-001/SG-001

A64 DND Publication documents will be available with the RFP/SOW for all interested bidders. Note that any publication falling under the category Controlled Goods will only be provided to parties with Controlled Goods Certification.

Q65 The HQSS will be employed at what level(s) - Brigade, Battle Group, Company or Platoon level?

A65 The HQSS will be utilized down to sub-unit (e.g. an infantry company or a medical services forward facility) and up to a deployed operational-level headquarters. Currently, the CF envisages the latter as equivalent on the scale of command to a Divisional formation. Dependent on circumstances, including the level of command and the operational environment, the quantities of components will vary accordingly.

Q66 Is the expectation that engineering resources will be made available to prepare the ground upon which the HQSS will be setup? It is reasonable to expect that a minimal level of engineering support will be available to prepare the ground for a Brigade HQ, therefore a jigsaw

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puzzle/positive locking mechanism type floor may be a suitable system for employment at Brigade if time and resources meet the leveling parameters defined by the requirements. But it is unrealistic to expect that the ground will be sufficiently level to accommodate such a system at lower echelons. Typically positive locking systems are employed at echelons above Brigade and in mature theatres. We are therefore trying to understand the concept of operations.

A66 The specification has considered the worst case scenario (i.e. engineering resources not available) in order to procure a tactical shelter system suitable for employment at all levels of command down to sub-unit.

Q67 Will the Crown consider a mesh type flooring solution, with barrier and cable runs, of sufficient rigidity that will mitigate the production of water and mud by permitting for air flow and the transfer of humidity? Presently, the flooring requirement is defined such that it would seem that the only system being considered is a jigsaw puzzle/positive locking type. A system that will require a soldier to be bent over, ultimately on a knee, in uneven and muddy ground. A system that provides the soldier with a 'Kick and Roll' solution, which can be deployed by a maximum of two personnel. Consideration of such a solution would permit the Crown to have greater competition amongst their bid submissions.

A67 DND will consider all types of flooring systems that meet the criteria set within the LOI and its amendments and in the final RFP/SOW. Should a Respondent wish to submit an additional, alternative to the specifications, then this would be reviewed. However, it is reiterated that the existing specification remains extant.

Q68 Will the Crown consider a mesh flooring system that provides for a flexible foot print, one that is suitable for the construction of tent flooring and walkways?.

A68 It is understood that the existing specification permits a flexible footprint in that its modular construction allows for varying sizes of surface whilst also being suitable for use inside, outside or underneath of a shelter system.

Q69 Will the Crown consider a fray proof mesh flooring system that can also provide for a cut to fit solution entailing specific sizes and shapes for each of the 3 shelter types being procured? Such a system could permit for the issue of a specific flooring dimension with each size tent and its associated stores. Such a flooring system can provide for welded/cauterized holes at the specific locations required by each tent dimension, in turn eliminating any guess work by the soldier during setup in low light austere conditions while under duress and fatigue.

A69 DND is not considering a 'cut to fit' solution at this time. The sectional flooring must be identical components capable of being placed directly on the ground or onto a shelter floor (if applicable) - flexible to size.

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Q70 Will the Crown consider a 'Kick and Roll' mesh flooring system that provides for the simplest of set-up/tear down and storage procedures? A system whose 3 dimensional design provides for a level of robustness that that can support 3.5MPa. A system that provides for ease of deployment in all weather (snow, rain, and sun), in all environments (arctic, temperate, and desert), comprising all terrain types (level, rolling, and uneven ground) while working in restricted light conditions.

A70 DND would consider any flooring system that meets the criteria as detailed in the LOI and its amendments and in the final RFP/SOW.

Q71 What considerations have been given to the cleaning requirements for the flooring system?

A71 It is expected that any flooring system could withstand the rigours of pressure cleaning after use. Specific details of which will be covered in the RFP/SOW.

Q72 Is the Crown willing to consider a mesh type system that can be hung in a Wash Rack, cleaned with a high pressure hose, immediately rolled and stored on its end given that the 3 dimensional design provides for water run-off and airflow to support drying requirements?

A72 It is expected that any flooring system could withstand the rigours of pressure cleaning after use. Specific details of which will be covered in the RFP/SOW.

Q73 Is the Crown willing to consider a mesh type system that can be rolled and stored without a specialized container system?

A73 DND will consider all types of flooring systems that meet the criteria set within the LOI and its amendments and in the final RFP/SOW. Should a Respondent wish to submit an additional, alternative to the specifications, then this would be reviewed. However, it is reiterated that the existing specification remains extant.

Q74 Is the Crown willing to consider a 3 dimensional mesh flooring system that possesses significant weight savings, minimal impact on logistic support requirements and no need for specialized movers/vehicles or container systems?

A74 DND will consider all types of flooring systems that meet the criteria set within the LOI and its amendments and in the final RFP/SOW. Should a Respondent wish to submit an additional, alternative to the specifications, then this would be reviewed. However, it is reiterated that the existing specification remains extant.

Q75 Will the Crown consider a mesh type flooring system currently in-service in Alaska comprising a maximum low operating temperature of -40C? A temperature requirement of -51C is an unrealistic expectation for any system comprising the materials employed in flooring

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W8476-13HQSS/A

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

W8476-13HQSS

Amd. No. - N° de la modif.

007

File No. - N° du dossier

024qfW8476-13HQSS

Buyer ID - Id de l'acheteur

024qf

CCC No./N° CCC - FMS No/ N° VME

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systems. The covalent bonds of plastics, polymers, and elastomers are effective to a maximum low temperature of -40C.

A75 No. DND will consider flooring systems that meet the criteria as detailed in the LOI and its amendments and in the final RFP/SOW. Note: Requirement for operational temperature range is -51 deg C to +49 deg C.

Q76 There is a requirement for the lights to be capable of switching between 50% and 100% intensity when operating in Normal Mode. Should this switching capability be located on the main entrance point switch or on each light individually?

A76 On each light individually. As per the LOI (2844922-v1 P.11) "Each light fixture shall provide a switch to control 50% or 100% rated intensity, when operating in Normal Mode."

Q77 There is a requirement for the lighting system to be EMI/EMC certified compliant to MIL-STD-461, RE102. Within RE102, there are two limit levels, one for "Navy Fixed & Air Force" and one for "Navy Mobile & Army" (see figure RE102-4 in MIL-STD-461). Under which of these two categories does this system fall?

A77 Category: Navy Mobile & Army.