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TPSGC**

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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

**Clothing and Textiles Division / Division des vêtements
et des textiles**

11 Laurier St./ 11, rue Laurier

6A2, Place du Portage

Gatineau, Québec K1A 0S5

| | |
|---|---|
| Title - Sujet Helmet System for the SAR Tech Com. | |
| Solicitation No. - N° de l'invitation W8485-174411/A | Amendment No. - N° modif. 003 |
| Client Reference No. - N° de référence du client 6000392945 | Date 2018-03-27 |
| GETS Reference No. - N° de référence de SEAG PW-\$\$PR-714-74119 | |
| File No. - N° de dossier pr714.W8485-174411 | CCC No./N° CCC - FMS No./N° VME |
| Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-04-12 | Time Zone Fuseau horaire Eastern Standard Time EST |
| F.O.B. - F.A.B. Plant-Usine: <input checked="" type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/> | |
| Address Enquiries to: - Adresser toutes questions à: Sinka, William | Buyer Id - Id de l'acheteur pr714 |
| Telephone No. - N° de téléphone (613) 410-6806 () | FAX No. - N° de FAX (819) 956-5454 |
| Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: | |

Instructions: See Herein

Instructions: Voir aux présentes

| | |
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| Delivery Required - Livraison exigée | Delivery Offered - Livraison proposée |
| Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur | |
| Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur | |
| Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie) | |
| Signature | Date |

Amendment 003 to the Request for Proposal is raised to make modifications and answer questions.

All other terms and conditions of the solicitation remain the same.

A proposal already submitted may be amended prior to closing time by sending the amended correspondence to Bid Receiving, the envelope/fax bearing the Request for proposal No. W8485-174411/A and the closing date of April 12th, 2018.

MODIFICATIONS

Modification #1

ENCLOSURE 1 OF APPENDIX 1 TO ANNEX D

PART 1 - Mandatory Technical Criteria Screening

BID EVALUATION FORM FOR THE SEARCH AND RESCUE (SAR) TECHNICIAN
HELMET SYSTEM (STHS)

DELETE

Table 1: Compliance Matrix – Mandatory

| Item # | Mandatory Requirement | Evaluation Criteria | Compliant (Y/N) |
|--------|---|---|-----------------|
| 1 | SOW 4.1(a) The STHS system must include a fit system that provides for varying head shapes throughout the range of sizes while wearing a diving hood, balaclava or with an uncovered head. The size range will cover from small to extra-large. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 2 | SOW 4.1.(b) Provide for retention during parachuting, hoisting, mountain climbing/repelling, and swimming in conditions of high wind blast, rotor wash, in water, treed areas, open land, ,in dry ?, snow or ice covered conditions. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 3 | SOW 4.1(c) Provide, cranial impact protection/attenuation and comfort throughout all mission scenarios as indicated in 5.1 (b). | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 4 | SOW 4.1(d) Protect the wearers face and eyes and not cause the wearer's vision to be obscured nor result in any unwanted adverse contact with the wearer's head or | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |

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| | neck when there is maximum amount of STHS displacement in operational use while allowing for the wearer to make adjustments with one hand while wearing gloves. It must allow for unobscured vision in high light day time and very low light night time conditions. It must not interfere with the wearing of personal prescription eyewear. | | |
| 5 | SOW 4.1 (e). Accommodate fitment of EADs (External Attachment Devices) if any, securely and stable throughout all mission scenarios as indicated in 5.1(b). EADs if any will be easily adaptable and changeable by SAR Techs to function during the different phases of the particular mission as it changes | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 6 | SOW 4.1 (f) Must not create a snagging situation for the wearer during the conduct of the mission with any of the other equipment used to enact a successful rescue. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 7 | SOW 4.1 (g) Provide secure facial and visual protection through the range of missions conducted from FW and RW AC throughout all scenarios as indicated in 5.1 (b); | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 8 | SOW 4.1.(h) Have that the capability to transmit over UHF and VHF frequencies with noise abatement. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 9 | SOW 4.1 (i) Provide noise reduction hearing protection without inhibiting communications and allow for talk through communication with the rescuer and casualty. It must provide a minimum Noise Reduction Rating (NRR) of 23dBA of sound attenuation to minimize the potential for hearing loss in frequencies from 31.5 to 300 Hz. It must provide a minimum NRR of 7dBA of sound attenuation to minimize the potential for hearing | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |

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| | loss in frequencies from 300 to 4000 Hz. As per section 7.4 of the Canadian Labour Code 87dBA of sound attenuation. If the STHS communication solution includes CEPs the interface between the STHS and CEP must be wireless. | | |
| 10 | SOW 4.1 (j) Be compatible with the existing intercom systems on RCAF FW and RW aircraft and allow communication between SAR Techs and to the aircrew using VHF/UHF radio when outside of the FW and RW aircraft. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 11 | SOW 4.1. (k) Allow for wireless communication while the wearer is conducting operations external to the AC platform. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 12 | SOW 4.1. (l) The STHS communication system must be waterproof and fully functional in all climatic conditions including water spray, rainfall, high winds snow and freezing rain | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 13 | SOW 4.1. (m) The STHS communication system must be fully functional after being submerged in three meters of fresh or salt water for a period of five (5) minutes. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 14 | SOW 4.1. (n) Provide a positive indication to the wearer, either sound or physical, when the retention system is engaged | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 15 | SOW 4.1. (o) Material that comes into contact with SAR Tech must be such that it prevents sweating in warmer temperatures and warms quickly in colder temperatures. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 16 | SOW 4.1. (p) The STHS colour must be the high visibility international orange colour used on other SAR Tech clothing and equipment or have other means such as reflective material or lighting for high visibility | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 17 | SOW 4.1. (q) It must be no greater than four (4) pounds in final | Does the bidder state that they comply with the requirement and | |

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| | configuration with all EADs if any | provide documentation as to the weight. | |
| 18 | SOW 4.1. (r) The STHS components must be durable and able to sustain multiple user training and mission scenarios with minimum replacement of parts over its life | Does the bidder state that they comply with the requirement and component material information that supports why the equipment is durable. | |
| 19 | SOW 4.1. (s) Constructed of non-hazardous materials that do not cause skin irritation or allergic reaction to wet or dry skin and do not pose a health risk or toxic hazard to the user under normal conditions or as a result of damage to the equipment while wearing, maintaining or repairing the STHS | Does the bidder state that they comply with the requirement and provide a complete list of materials that show the materials are nonhazardous. | |
| 20 | SOW 4.1. (t) All components of the STHS must provide for ease of maintenance as to allow RCAF users and technicians to carry out routine inspection and maintenance in accordance with supplier instructions. | Does the bidder state that they comply with the requirement and make statement to average times to complete typical maintenance activities. | |
| 22 | SOW 4.1. (v) The STHS must permit the rapid and easy removal and replacement of components by the user without the requirement for special skills or tools other than standard hand tools (i.e. screwdriver, wrench, etc.); | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 23 | SOW 4.1. (w) The STHS must not require special disposal procedures. | Does the bidder state that they comply with the requirement. Does the bidders list of material for the equipment contain materials that would indicate special case disposal action. I.E. Hazardous materials. | |
| 24 | SOW 4.1. (x) Must be protected against corrosion and deterioration caused by atmospheric conditions, water and airborne corrosive agents and salt water. | Does the bidder state that they comply with the requirement and provide material information that supports it. | |
| 25 | SOW 4.1.(y) The STHS must support cleaning by wipe down with mild soap and water using a cloth and/or brush | Does the bidder state that they comply with the requirement. Does there maintenance manual cover cleaning and does it support the statement. | |

INSERT

Table 1: Compliance Matrix – Mandatory

| Item # | Mandatory Requirement | Evaluation Criteria | Compliant (Y/N) |
|---------------|--|---|------------------------|
| 1 | SOW 4.1(a) The STHS system must include a fit system that provides for varying head shapes throughout the range of sizes while wearing a diving hood, balaclava or with an uncovered head. The size range will cover from small to extra-large. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 2 | SOW 4.1.(b) Provide for retention during parachuting, hoisting, mountain climbing/repelling, and swimming in conditions of high wind blast, rotor wash, in water, treed areas, open land, ,in dry ?, snow or ice covered conditions. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 3 | SOW 4.1(c) Provide, cranial impact protection/attenuation and comfort throughout all mission scenarios as indicated in 5.1 (b). | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 4 | SOW 4.1(d) Protect the wearers face and eyes and not cause the wearer's vision to be obscured nor result in any unwanted adverse contact with the wearer's head or neck when there is maximum amount of STHS displacement in operational use while allowing for the wearer to make adjustments with one hand while wearing gloves. It must allow for unobscured vision in high light day time and very low light night time conditions. It must not interfere with the wearing of personal prescription eyewear. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 5 | SOW 4.1 (e). Accommodate fitment of EADs (External Attachment Devices) if any, securely and stable throughout all | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |

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| | mission scenarios as indicated in 5.1(b). EADs if any will be easily adaptable and changeable by SAR Techs to function during the different phases of the particular mission as it changes | | |
| 6 | SOW 4.1 (f) Must not create a snagging situation for the wearer during the conduct of the mission with any of the other equipment used to enact a successful rescue. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 7 | SOW 4.1 (g) Provide secure facial and visual protection through the range of missions conducted from FW and RW AC throughout all scenarios as indicated in 5.1 (b); | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 8 | SOW 4.1.(h) Have that the capability to transmit over UHF and VHF frequencies with noise abatement. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
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| 10 | SOW 4.1 (j) Be compatible with the existing intercom systems on RCAF FW and RW aircraft and allow communication between SAR Techs and to the aircrew using VHF/UHF radio when outside of the FW and RW aircraft. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 11 | SOW 4.1. (k) Allow for wireless | Does the bidder state that they | |

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| | communication while the wearer is conducting operations external to the AC platform. | comply with the requirement and provide documentation or proof in their proposal. | |
| 12 | SOW 4.1. (l) The STHS communication system must be waterproof and fully functional in all climatic conditions including water spray, rainfall, high winds snow and freezing rain | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 13 | SOW 4.1. (m) The STHS communication system must be fully functional after being submerged in three meters of fresh or salt water for a period of five (5) minutes. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
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| 15 | SOW 4.1. (o) Material that comes into contact with SAR Tech must be such that it prevents sweating in warmer temperatures and warms quickly in colder temperatures. | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 16 | SOW 4.1. (p) The STHS colour must be the high visibility international orange colour used on other SAR Tech clothing and equipment or have other means such as reflective material or lighting for high visibility | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 17 | SOW 4.1. (q) It must be no greater than four (4) pounds in final configuration with all EADs if any | Does the bidder state that they comply with the requirement and provide documentation as to the weight. | |
| 18 | SOW 4.1. (r) The STHS components must be durable and able to sustain multiple user training and mission scenarios with minimum replacement of parts over its life | Does the bidder state that they comply with the requirement and component material information that supports why the equipment is durable. | |
| 19 | SOW 4.1. (s) Constructed of non-hazardous materials that do not cause skin irritation or allergic reaction to wet or dry skin and do not pose a health risk or toxic hazard to the user under normal | Does the bidder state that they comply with the requirement and provide a complete list of materials that show the materials are nonhazardous. | |

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| | conditions or as a result of damage to the equipment while wearing, maintaining or repairing the STHS | | |
| 20 | SOW 4.1. (t) All components of the STHS must provide for ease of maintenance as to allow RCAF users and technicians to carry out routine inspection and maintenance in accordance with supplier instructions. | Does the bidder state that they comply with the requirement and make statement to average times to complete typical maintenance activities. | |
| 21 | SOW 4.1. (u) The STHS must have a shelf life when stored in the manufacturer's original packaging of not less than ten (10) years and while following supplier maintenance instructions, the STHS must remain serviceable for a minimum of ten (10) years; | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 22 | SOW 4.1. (v) The STHS must permit the rapid and easy removal and replacement of components by the user without the requirement for special skills or tools other than standard hand tools (i.e. screwdriver, wrench, etc.); | Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal. | |
| 23 | SOW 4.1. (w) The STHS must not require special disposal procedures. | Does the bidder state that they comply with the requirement. Does the bidders list of material for the equipment contain materials that would indicate special case disposal action. I.E. Hazardous materials. | |
| 24 | SOW 4.1. (x) Must be protected against corrosion and deterioration caused by atmospheric conditions, water and airborne corrosive agents and salt water. | Does the bidder state that they comply with the requirement and provide material information that supports it. | |
| 25 | SOW 4.1.(y) The STHS must support cleaning by wipe down with mild soap and water using a cloth and/or brush | Does the bidder state that they comply with the requirement. Does there maintenance manual cover cleaning and does it support the statement. | |

QUESTIONS

Q1

Per subject RFP, Table 2: Compliance Matrix Rated: Item #14, Rated Requirement – Weight, Evaluation Criteria - Must not exceed 4 lbs. with EADs attached, if any. EADs will be fitted to the helmet and the Helmet System will be weighed.

How many EADs are to be attached on helmet if more than 1 and what is the overall weight of these EADs?

A1

Helmet weight must not be greater than 4lbs including **bidder supplied EADs**. DND EADs weigh in 2185 grams /4.81 lbs and will not be used as an evaluation criteria. DND EADs include:

Night Vision Goggles – 400 grams/.89lbs
Counter weights – 385 grams /.85lbs
Face and eye shield components- 800 grams/1.76lbs
Communication Head Set – 600 grams/1.32

Q2

Ref: ENCLOSURE 1 OF APPENDIX 1 TO ANNEX D, PART 1 - Mandatory Technical Criteria Screening, BID EVALUATION FORM FOR THE SEARCH AND RESCUE (SAR) TECHNICIAN HELMET SYSTEM (STHS)

Table 1: Compliance Matrix – Mandatory (Page 37/38 of 45) is missing row # 21. Is this a typo or is there content that needs adding?

A2

There is a correction required for Table 1: Compliance Matrix. Row 21 is missing and should have included SOW requirement SOW 4.1. (t) The STHS must have a shelf life when stored in the manufacturer's original packaging of not less than ten (10) years and while following supplier maintenance instructions, the STHS must remain serviceable for a minimum of ten (10) years;

Evaluation criteria: Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.

SEE MODIFICATION #1

Q3

Can the contracting authority clarify what radio connections are required for use with both Fixed Wing and Rotary Wing aircraft (port connection types) as well as what personal borne mobile radio is to be used with the Communication system requested in this RFP?

A3

The current connector at end of helmet headset is U174/U and the TP106 for DND aircraft. The current radio used by SAR technicians is UHF/VHF (Motorola 6000 R) which has blue tooth wireless technology.

Q4

As the offered products are to be military/commercial off the shelf we request that the requirement for configuration management as per: "Annex D, Section 6.3 – Quality Assurance Program" be amended/deleted as this requirement seems to be more onerous than the RFP products require.

A4

DND requires a quality assurance program. This requirement will not be deleted.