



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Bid Receiving - PWGSC / Réception des soumissions -  
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**  
Defence Communications Division. (QD)  
11 Laurier St./11, rue Laurier  
Place du Portage, Phase III, 8C2  
Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> TIC3 Air Tactical Data Link (TDL) G TIC3 Air Tactical Data Link (TDL) Ground Entry Point (GEP) Shelters	
<b>Solicitation No. - N° de l'invitation</b> W8475-235521/A	<b>Amendment No. - N° modif.</b> 006
<b>Client Reference No. - N° de référence du client</b> W8475-235521	<b>Date</b> 2023-08-14
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$QD-028-29105	
<b>File No. - N° de dossier</b> 028qd.W8475-235521	<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> Eastern Daylight Saving Time EDT <b>on - le 2023-09-26</b> Heure Avancée de l'Est HAE	
<b>F.O.B. - F.A.B.</b>	
<b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Garate, Oscar	<b>Buyer Id - Id de l'acheteur</b> 028qd
<b>Telephone No. - N° de téléphone</b> (873) 355-3354 ( )	<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/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>



## REQUEST FOR PROPOSAL

**W8475-235517**

**Air Traffic Management (ATM) Ground/Air/Ground (G/A/G) radios**

### AMENDMENT # 6

#### Q&As # 1

#	Document	Question	Answer
1	N/A	Has there been formal industry engagement or an RFI released for the TDL GEP Shelter prior to RFP release on 27 June?	There has not been any formal industry engagement or RFI, however there was consultation on several aspects of this procurement.
2	Annex A	It states in the RFP that 'MSVS SEV ISTAR V6 (NSN 20-006-2757)' is a suitable solution. Accordingly, is the TDL GES specification exactly the same as the MSVS SEV ISTAR V6 specification. If so, why has this particular solution been selected as the basis of design for TIC3?	NSN 20-006-2757 is already in service with DND and where possible Canada wants to maintain a high degree of commonality and maximize value based logistic and sustainment. The equipment Canada is intending to integrate into the MSVS SEV has already taken place, so risks for integration are lower as well. The requirements TIC3 Air TDL GEP match the specifications for NSN 20-006-2757.
3	Annex A	If there are differences between the MSVS SEV ISTAR V6 and the TDL GEP Shelter RFP, why has Canada made the statement that 'MSVS SEV ISTAR V6 (NSN 20-006-2757)' is a suitable solution, as this could be interpreted as a closed competition.	The requirement for the TIC3 Air TDL GEP matches what NSN 20-006-2757 provides. This is not a closed competition because Canada is willing to accept an equivalent product that satisfies all mandatory requirements.
4	Appendix A1	Can Canada elaborate on the reference to "Phase 2 Kitting"? Is there a phase 2 planned for Shelter fitting and modification?	Phase 1 is the delivery of the shelter as specified in this RFP and Phase 2 Canada will integrate its equipment into the shelter.
5	Appendix A1	Why is CARC paint required for shelters which will remain in Canada? This adds additional expense to the contractor.	Canada prefers to stay with CARC paint to stay consistent with other fleets in the CAF. Canada will accept that expense.
6	Annex A	The RFP mentions "pre-contract award demonstration" but the details of this demonstration are not well articulated. Does Canada expect a TIC3 variant produced prior to contract award, and if so, has Canada considered this may provide an unfair advantage to certain bidders? If Canada could provide the rationale behind the	Canada does not expect a pre-production model or variants of the shelter ready for the demonstration. The intent of the demonstration is to provide Canada with assurances that the Bidder has the necessary engineering and production capacity for on time production of the shelters (Annex A, para5.1.3).



		demonstration, industry could provide alternate suggestions that will be allow Canada to procure a best value solution.	Not all mandatory requirements need a demonstration. Annex A. para 5.1.4 has outlined acceptable options for demonstration for those requirements where Pre-Contract Award demonstration is stipulated as Proof of Compliance (PoC) in the Section 1 of Appendix A1 - TDL GEP Shelter Specifications.
7	Annex A	What is the nominal timeline for Bid Submission, bid evaluation, pre-contract award demonstration, contract award in accordance with Canada’s current schedule?	The bid submission timelines are in accordance with what is posted on Canada Buys. The bid evaluation is expected to take place within several weeks of the closure of the bid submission process. The highest ranked bidder will be notified and is required to host the demonstration at their facilities within ten business days. Contracts are expected to be awarded within twelve months of the RFP closure on Canada Buys.
8	Appendix A1	Requirement 4.3.0-1 states “The intermediate wall must be a fixed, rigid steel wall”. <Bidder name redacted> recommends Canada identifies the load limits required, so the bidder can offer a solution that meets the requirement	The rigid wall in this design is not solely for load bearing -- it also satisfies other safety and security requirements.
9	Appendix A1	Requirement 4.12.2.0- 2 states “The working area door width must be nominally 910 mm (36 in) without any protrusions into door opening for the entire nominal height of the door” <Bidder name redacted> recommends Canada identify the allowance within nominally to +/- 12mm. This is consistent with MIL-STD-1472.	A tolerance of +/- 12mm for this requirement is acceptable to Canada.
10	Appendix A1	Requirement 4.13.0-1 states “The plywood sub-floor in the shelters must consist of marine grade plywood, good one side.” <Bidder name redacted> recommends Canada identifies the requirement not a specific design, and rather considers a requirement such as “The floor must be designed and built to be rot resistant and meet the CSC requirements for floor strength.	Canada prefers a plywood floor because of their commonality with other ISO containers, they are easily replaceable, and are non-conductive.
11	Appendix A1	Reference requirement section 5.9 D-Rings. <Bidder name redacted> recommends	At this stage Canada will not change the requirement from weight to Force, however Canada will consider proposition of non-



		Canada specify "Tie Down Points" with a force requirement via a weight requirement.	proprietary tie-down that can handle a 450kg weight.
12	Appendix A1	Requirement 9.1.0-1 states "The HVAC system shall be installed in a sealed plenum in the Mechanical Room and must consist of two (2) 14,000 BTU air conditioning units each with 2kW of electrical heat in them. Ducting must be provided to blow conditioned air into the working area and draw return air back into the mechanical room. The HVAC planum shall include a duct that can draw in exterior fresh air". <Bidder name redacted> recommends Canada specify the HVAC requirement through a required temperature range and provide the bidder the wild heat estimate. This way the bidder can select the most appropriately sized and designed HVAC system(s).	The HVAC capacity requirement is a result of Canada's experience with earlier versions and proven to meet "real operating conditions". Canada believes there is flexibility on how the HVAC is implemented.
13	Appendix A1	Requirement 7.2.0-8 states "The shelter must be delivered with a 5-metre-long cable having one MS 3106E-32-5P connector on each end to provide DC power from the prime mover to the shelter through MS 3100E-32-5S receptacles, and that is stored in the mechanical room (Variants 1 through 4) and the working area (Variant 5), when not in use". Can Canada please identify the variants referenced in this requirement?	This requirement will be modified in an amendment to remove references to Variants 1-5.
14	N/A	Because there was no industry engagement or RFI released specifically related to the shelter specifications, we are starting from a significant time/schedule disadvantage compared to the OEM of the MSVS ISTAR V6 Shelter. Will Canada grant an extension to 29 September 2023 or later?	An extension will be granted to 26 September.
15	Appendix A1	Rated Shelter Requirements Numbers 5.7, 5.7.1, and 5.7.2 in Rated Requirements Scoring Matrix table page 76 do not seem to reflect requirement numbers in technical specification. Should these be 1.5, 1.5.1, and 1.5.2?	An Amendment will be published to modify this text.
16	Appendix A1	Are ANY of the rated requirements part of the original MSVS ISTAR SEV V6	No, all TIC3 Air rated requirements are new.
17	Annex A	For the rated requirements, how does a pre-contract award demonstration give any indication of a suppliers' ability to deliver 1 x	The purpose of the demonstration is to show the supplier's engineering and production capacity to fulfil this order in the specified



		shelter within 12 months and all 16 x shelters within 18 months? What will be the metric to achieve maximum points on this rated requirement?	time. This can be done with a demo of the production floor, the resource allocation for this contract, and available engineering resources.
18	Appendix A1	Will Canada accept similar designs (i.e. ladder design) vice designs specified in current SOW? Does every possible alternate design need to be identified and addressed / accepted by Canada in advance of Proposal submission?	Canada has performance specifications as well as form factor requirements. While Canada is flexible with design, where the design impacts any of the mandatory requirements stipulated in this RFP, the bidder must identify and seek Canada's concurrence for each instance.
18 a	Appendix A1	Original Text One outlet receptacle CSA 6-20R, NEMA 12, dedicated circuit 240V AC for the Air Conditioning system.  Proposed Text One outlet receptacle CSA 6-20R, NEMA 12, dedicated AC circuit for the Air Conditioning system.	Canada will accept the proposed text for the dedicated AC circuit for the Air Conditioning System, so long as it meets the existing performance requirements in Appendix A1 and has the equivalent performance to NSN 20-006-2757.
18 b	Appendix A1	Original Text One outlet receptacle CSA 6-20R, NEMA 12, dedicated circuit 240V AC for the fuel fired heater fan.  Proposed Text One outlet receptacle CSA 6-20R, NEMA 12, dedicated AC circuit for the fuel fired heater fan.	Canada will accept the proposed text for the dedicated AC circuit for the fuel fired heater fan, so long as it meets the existing performance requirements in Appendix A1 and has the equivalent performance to NSN 20-006-2757.
18 c	Appendix A1	Original Text The distribution panel (AC) must be located in the mechanical room.  Proposed Text The distribution panel must be located inside either the mechanical or working room	The distribution panel (AC) must be located in the mechanical room due to its easy access for the maintenance(without entering working area) and absence of personnel in working area. The proposed security zoning for this shelter intends for maintenance personnel to not have immediate access to this area, due to the sensitive nature of the equipment inside.
18 d	Appendix A1	Original Text The fuel tank must have a filtration system including a fuel nozzle strainer (NSN-4730-01-572-6005) that is accessible from the exterior.  Proposed Text The fuel tank must have a filtration system	Canada will accept an equivalent.



		including a fuel nozzle strainer (NSN-4730-01-572-6005, or equivalent) that is accessible from the exterior.	
19	Appendix A1	What is the operational requirement for a completely enclosed mechanical room with access doors? We believe that this favours a single supplier. Will Canada accept a mechanical area which allows access via the three sides, but without any doors?	These shelters are intended to be remotely operated for extended periods of time. The enclosed mechanical room contributes to the security of the shelter as a whole. Canada requires that the area be enclosed.
20	Appendix A1	Will Canada accept equivalencies for design and/or test standards and reports (i.e. US MIL-STDs), if the report demonstrates compliance? Some examples of different standards are:	Canada will accept an equivalent standard if it meets or exceeds the stipulated standard in Annex A on a case-by-case basis. Canada recommends that acceptance be sought for each instance.
20 a	Appendix A1	Original Text The shelter's intermediate wall must have a minimum of 30 minute fire resistance tested in accordance with CAN/ULC S101-07, Standard Method of Fire Endurance Tests of Building Construction.  Proposed Text Proposed alternate IAW ISO 3795, flame propagation speed no greater than 100mm/min	Canada will accept the proposed equivalent test standards if it still demonstrates compliance to the subject performance specification as stipulated in Appendix A1. As minimum, the bidder must show how the 100mm/min based on their design will meet 30 minutes of fire resistance.
20 b	Appendix A1	Original Text The shelter's roof must meet the strength requirements IAW ASTM E 1925, Section 7.24.  The Contractor must test the shelter IAW ASTM E 1925, Section 10.22 and provide a corresponding test report confirming that the strength of the roof complies with ASTM E 1925, section 7.24.  Proposed Text Proposed alternate NATO/6516/SCHPE/86, section 2.15	Canada will accept the proposed equivalent test standards if it still demonstrates compliance to the subject performance specification as stipulated in Appendix A1. As minimum, the bidder must show how NATO/6516/SCHPE/86, Section 2.15 roof strength requirements is equivalent or better than those stipulated in the ASTM E 1925, Section 7.24.
20 c	Appendix A1	Original Text The shelter's floor must be able to support loads IAW ASTM E 1925 Section 7.25.  The Contractor must test the shelter IAW ASTM E 1925, Section 10.23 and provide a corresponding test report confirming that the	Canada will accept the proposed equivalent test standards if it still demonstrates compliance to the subject performance specification as stipulated in Appendix A1. As minimum, the bidder must show how NATO/6516/SCHPE/86, Section 2.16 floor strength requirements is equivalent or better



---

	strength of the floor complies with ASTM E 1925, section 7.25.  Proposed Text Proposed alternate NATO/6516/SCHPE/86, section 2.16	than those stipulated in the ASTM E 1925, Section 7.25.
--	--	---

**All other Terms and Conditions remain unchanged**