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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

Title - Sujet SHINNADS H/W REPLAC. & ISS CONTRACT	
Solicitation No. - N° de l'invitation W8482-167893/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client W8482-167893	Date 2017-03-14
GETS Reference No. - N° de référence de SEAG PW-\$\$QF-111-26108	
File No. - N° de dossier 111qf.W8482-167893	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-04-18	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Wetscher, Stefan	Buyer Id - Id de l'acheteur 111qf
Telephone No. - N° de téléphone (819) 420-0974 ()	FAX No. - N° de FAX (819) 956-5650
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

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

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This Solicitation Amendment 005 is raised to incorporate the following changes into the solicitation:

1) In Table 1: TSOR Mandatory Technical Requirements, T32 and T33 are currently missing, therefore:

Delete:

Table 1: TSOR Mandatory Technical Requirements

Insert:

Company being Evaluated: _____

INDUSTRIAL CONFIDENTIAL (when completed)

TABLE 1: TSOR MANDATORY TECHNICAL REQUIREMENTS							
1. The Bidder must use the "Reference(s)" column to provide a pointer to the relevant section of the bidder's proposal, and the "Bidder's Response" column to provide the compliance response, if required.							
Item	Description	TSOR Reference	Compliance Method	Bidders Reference(s)	Bidder's Response	Compliant Y/N	DND Comments
General Requirements							
T1	The contractor must provide and deliver twenty-two (22) of Ship System 1, seven (7) to the East Coast and fifteen (15) to the West Coast.	Para 4.1.8(a)	A				
T2	The contractor must provide and deliver twelve (12) of Ship System 2, seven (7) to the East Coast and five (5) to the West Coast	Para 4.1.8(b)	A				
T3	The contractor must provide and deliver five (5) Submarine Systems, three (3) to the East Coast and two (2) to the West Coast	Para 4.2.7	A				
T4	The contractor must provide and deliver ten (10) Auxiliary Systems, five (5) to the East Coast and five (5) to the West coast	Para 4.3.3	A				
T5	The Contractor must provide and deliver two (2) Trainer Tables, one (1) to the East Coast and one (1) to the West Coast	Para 4.4.2.3	A				

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T6	All systems must have an operating system provided for each computer and laptop and any other applications required to meet the specifications by the contractor.	Para 5.0	A and B					
System Requirements								
T7	Ship System must meet the Bridge Console requirements	Para 6.1.1	A and B					
T8	Bridge Console must meet the Operator Interface requirements	Para 6.1.1.1	A and B					
T9	Bridge Console must meet the Video Monitor requirements	Para 6.1.1.2	A and B					
T10	Bridge Console must meet the Computer requirements	Para 6.1.1.3	A and B					
T11	Bridge Console must meet the Network Switch requirements	Para 6.1.1.4	A and B					
T12	Bridge Console must meet the Uninterruptable Power Supply requirements	Para 6.1.1.5	A and B					
T13	Bridge Console must meet the Keyboard Video Mouse Switch requirements	Para 6.1.1.6	A and B					
T14	Bridge Console must meet the Operator Alarm requirements	Para 6.1.1.7	A and B					
T15	Bridge Console must meet the Keyboard Video Mouse Extender requirements	Para 6.1.1.8	A and B					
T16	Bridge Console must meet the Video Splitter/Extender requirements	Para 6.1.1.9	A and B					
T17	Bridge Console must meet the Network Storage Device requirements	Para 6.1.1.10	A and B					
T18	Ship System must meet the Remote Operator Station requirements	Para 6.1.2	A and B					
T19	Ship System must meet the Remote Monitor Station requirements	Para 6.1.3	A and B					
T20	Ship System must meet the Remote Planning Tool requirements	Para 6.1.4	A and B					

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T21	Submarine Systems must meet the Submarine Table requirements	Para 6.2.1	A and B				
T22	Submarine System Submarine Tables must meet the Operator Interface Requirements	Para 6.2.1.1	A and B				
T23	Submarine System Submarine Tables must meet the Table-Mounted Monitor requirements	Para 6.2.1.2	A and B				
T24	Submarine System Submarine Tables must meet the Computer requirements	Para 6.2.1.3	A and B				
T25	Submarine System Submarine Tables must meet the Network Switch requirements	Para 6.2.1.4	A and B				
T26	Submarine System Submarine Tables must meet the Uninterruptable Power Supply requirements	Para 6.2.1.5	A and B				
T27	Submarine System Submarine Tables must meet the Keyboard Video Mouse Switch requirements	Para 6.2.1.6	A and B				
T28	Submarine System Submarine Tables must meet the Operator Alarm requirements	Para 6.2.1.7	A and B				
T29	Submarine System Submarine Tables must meet the Video Splitter/Extender requirements	Para 6.2.1.8	A and B				
T30	Submarine System Submarine Tables must meet the Serial Output Switch requirements	Para 6.2.1.9	A and B				
T31	Submarine System Submarine Tables must meet the Network Storage Device requirements	Para 6.2.1.10	A and B				
T32	Submarine Systems must meet the large Bulkhead-Mounted Monitor requirements	Para 6.2.2	A and B				
T33	Submarine Systems must meet the Small Bulkhead-Mounted Monitor requirements	Para 6.2.3	A and B				
T34	Submarine Systems must meet the Remote Monitor Station requirements	Para 6.2.4	A and B				

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T35	Submarine Systems must meet the Remote Planning Tool requirements	Para 6.2.5	A and B				
T36	Submarine Systems must meet the Surface Navigation Aid requirements	Para 6.2.6	A and B				
T37	Auxiliary Systems must meet the Laptop requirements	Para 6.3.1	A and B				
T38	Auxiliary Systems must meet the Network Switch requirements	Para 6.3.2	A and B				
T39	Auxiliary Systems must meet the External Monitor requirements	Para 6.3.3	A and B				
T40	Trainer Systems must meet the Trainer Table requirements	Para 6.4.1	A and B				
T41	Trainer Tables must meet the Operator Interface requirements	Para 6.4.1.1	A and B				
T42	Trainer Tables must meet the Table-Mounted Monitor requirements	Para 6.4.1.2	A and B				
T43	Trainer Tables must meet the Computer requirements	Para 6.4.1.3	A and B				
T44	Trainer Tables must meet the Network Switch requirements	Para 6.4.1.4	A and B				
T45	Trainer Tables must meet the Uninterruptible Power Supply requirements	Para 6.4.1.5	A and B				
T46	Trainer Tables must meet the Keyboard Video Mouse Switch requirements	Para 6.4.1.6	A and B				
T47	Trainer Tables must meet the Operator Alarm requirements	Para 6.4.1.7	A and B				
T48	Trainer Tables must meet the Video Splitter/Extender requirements	Para 6.4.1.8	A and B				
T49	Trainer Tables must meet the Bulkhead-Mounted Monitor requirements	Para 6.4.1.9	A and B				
Data Requirements							

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T50	All systems must demonstrate they meet the power requirements specified in the TSOR	Para 7.3	A and B				
Physical Requirements							
T51	The Bridge Console must meet the colour requirements	para 8.1.1.1	A and B				
T52	The Bridge Console must meet the weight requirements	Para 8.1.1.2	A and B				
T53	The Bridge Console must meet the physical requirements	Paras 8.1.1.3, 8.1.1.4	A and B				
T54	The Submarine Table must meet the colour requirements	Para 8.1.2.1	A and B				
T55	The Submarine Table must meet the weight requirements	Para 8.1.2.6	A and B				
T56	The Submarine Table must meet the physical requirements	Paras 8.1.2.2, 8.1.2.3, 8.1.2.4, 8.1.2.5, 8.1.2.7, 8.1.2.8	A and B				
T57	The Ship System must demonstrate it is capable of operating in shipboard requirements with no special external cooling facilities	Para 8.2	A and B				
T58	The Submarine System must demonstrate it is capable of operating in shipboard requirements with no special external cooling facilities	Para 8.2	A and B				
T59	The Auxiliary System must demonstrate it is capable of operating in shipboard requirements with no special external cooling facilities	Para 8.2	A and B				
T60	The Ship System must demonstrate it meets the cabling accessibility requirements.	Para 8.3.1	A and B				

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T61	The Trainer System must demonstrate it meets the cabling accessibility requirements.	Para 8.3.2	A and B				
T62	All consoles must demonstrate they meet the mounting requirements	Para 8.4	A and B				
T63	All consoles must demonstrate they meet the maintenance clearance requirements	Para 8.5	A and B				
Environmental Requirements							
T64	Ship Systems must demonstrate they meet the environmental requirements of the TSOR, including: a. temperature requirements b. humidity requirements c. vibration requirements d. shipboard equipment noise requirements e. fungus requirements f. shock requirements g. magnetic field requirements h. electromagnetic capability requirements i. drip-proof requirements j. hazardous materials requirements k. electrical hazard requirements l. motion and attitude requirements	Para 9	A and B				

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T65	Submarine Systems must demonstrate they meet the environmental requirements of the TSOR, including: a. temperature requirements b. humidity requirements c. vibration requirements d. shipboard equipment noise requirements e. fungus requirements f. shock requirements g. magnetic field requirements h. electromagnetic capability requirements i. drip-proof requirements j. hazardous materials requirements k. electrical hazard requirements l. motion and attitude requirements	Para 9	A and B				
T66	Auxiliary Systems must demonstrate they meet the environmental requirements of the TSOR, including: a. temperature requirements b. humidity requirements c. vibration requirements d. shipboard equipment noise requirements e. fungus requirements f. shock requirements g. magnetic field requirements h. electromagnetic capability requirements i. drip-proof requirements j. hazardous materials requirements k. electrical hazard requirements l. motion and attitude requirements	Para 9	A and B				

T67	Trainer Tables must demonstrate they meet the environmental requirements of the TSOR, including: a. fungus requirements b. hazardous materials requirements c. electrical hazard requirements	Para 9	A and B				
Reliability Requirements							
T68	All systems must demonstrate they meet the reliability requirement.	Para 10.1 and 10.2	A and B				
T69	Ship Systems 1 demonstrate they meet the continuous operating requirement.	Para 10.3 (a)	A and B				
T70	Ship Systems 2 demonstrate they meet the continuous operating requirement.	Para 10.3 (b)	A and B				
T71	Submarine Systems demonstrate they meet the continuous operating requirement.	Para 10.7	A and B				
T72	Auxiliary System demonstrates it meets the continuous operating requirement	Para 10.9	A and B				
Maintainability Requirements							
T73	All systems must demonstrate they meet the modular concept requirements	Para 11.1	A and B				
T74	All systems must demonstrate they meet the accessibility and fabrication requirements	Para 11.2	A and B				
T75	All systems must demonstrate they meet the indicator requirements	Para 11.3	A and B				

2) Volume 2, Annex A - SHINNADS Hardware Acquisition Pricing, Item No. 3 indicates a QTY of 8, this is an error, therefore:

Delete:

Volume 2, Annex A – SHINNADS Hardware Acquisition Pricing Table, Item No. 3

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Insert:

Item N°	Description	QTY	Firm Unit Price (DAP)	Extended Firm Price (DAP)
3	SUBMARINE SYSTEMS SHINNADS ACQUISITION The contractor must provide and deliver five (5) Submarine Systems, three (3) to the East Coast and two (2) to the West Coast as defined in Annex B Statement of Work and its appendices.	5		

ALL OTHER TERMS AND CONDITIONS OF THE SOLICITATION DOCUMENT REMAIN UNCHANGED.