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**B3J 1T3**  
**Bid Fax: (902) 496-5016**

## **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**

This amendment is being raised to answer some questions from potential bidders, see herein.

### **Vendor/Firm Name and Address**

Raison sociale et adresse du  
fournisseur/de l'entrepreneur

### **Issuing Office - Bureau de distribution**

Atlantic Region Acquisitions/Région de l'Atlantique  
Acquisitions  
1713 Bedford Row  
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B3J 3C9  
Nova Scot

<b>Title - Sujet</b> Software Development	
<b>Solicitation No. - N° de l'invitation</b> W7707-165867/A	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b> W7707-16-5867	<b>Date</b> 2016-02-23
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$HAL-220-9743	
<b>File No. - N° de dossier</b> HAL-5-75235 (220)	<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 2016-03-07</b>	
<b>Time Zone</b> Fuseau horaire Atlantic Standard Time AST	
<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> Dunphy, Nancy	<b>Buyer Id - Id de l'acheteur</b> hal220
<b>Telephone No. - N° de téléphone</b> (902) 496-5481 ( )	<b>FAX No. - N° de FAX</b> (902) 496-5016
<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>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>

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**This amendment 003 is raised to answer questions from potential bidders and revise the technical evaluation in Part 4 as follows:**

**Question 7** Is there an assumption that new hardware is required or that only existing hardware can be proposed in the solution?

**Answer 7** New hardware has been procured by DRDC and will be made available after contract award. The list of hardware (AD1) has been supplied. It is intended that the new version of TransCal would operate using this hardware. If the hardware is found to be limited in any capacity for its intended purpose, then recommendations for replacements or additions would become part of the Task 1 proposal. If the limitations were not identified until Task 2 was underway then the additional equipment would be procured by DRDC at that time. Any such equipment acquisition would be the responsibility of DRDC.

**Question 8** RFP Annex A SOW Section 1 Title uses the term "Feasibility Study". Section 2 Background states: "The outcome of this Feasibility Study will be a proposal for a concept of development of a modern version of the TRANSCAL software..." The solution and thus scope of Task 2 is ill-defined at this point in time, and, is dependent on the outcome of Task 1, and, it is unclear whether new hardware is required to support the upgraded capability (See Question 2A). Section 7.1.1 defines that Canada has irrevocable option to acquire Task 2. How does Canada intend that the Contractor complete RFP Annex B Basis of Payment for Task 2, given the unclear scope?

**Answer 8** The purpose of Task 1 is to develop a proposal for a software solution, to enable DRDC to perform acoustic calibrations. In order to develop a proposal, the criteria must be determined through a period of inquiry and investigation, facilitated by DRDC. DRDC is seeking proposals from qualified vendors to perform this study. The SOW in 5.1, Task 1 refers to 8 calibration procedures that are required to be incorporated in the new TransCal software. This is a complex task and it is presumed that qualified vendors would have the in-house expertise required; specifically, that the bidder would have knowledge and previous experience with underwater acoustic principles and techniques, in addition to software development capabilities. A successful bid must provide the evidence to demonstrate that this expertise exists.

**Question 9** RFP Part 4 - Evaluation Procedures Section 4.1.1.1 Mandatory Technical Criteria M1 to M7 each require one project in the last 72 months meeting certain criteria. M8 as written requires a Project Manager with 72 months experience. M10 requires Qualified Personnel, including a Project Manager, "with a minimum of 12 months of experience in their field in the last 72 months". RFP Part 4 - Section 4.1.1.2 - Point Rated Technical Criteria P1 lists point ratings for Personnel including Project Manager ranging from less than 12 months to greater than 36 months. P1 does not assign points for Project Managers with less than 72 months or greater than 72 months. M10 and P1 appear to be inconsistent with the M8 requirement for a Project Manager with 72 months of experience. Please provide clarification in this respect.

**Answer 9** Agreed, M8 as written requires a Project Manager with 72 months experience. Agreed, a project manager must have at least an overall experience of 72 months.

**M10 requires Qualified Personnel, including a Project Manager, "with a minimum of 12 months of experience in their field in the last 72 months".**

**Agreed, a project manager is required to have 72 months of overall experience. Of that overall experience at least 12 months of that must be in the last 72 months.**

**RFP Part 4 - Section 4.1.1.2 - Point Rated Technical Criteria P1 lists point ratings for Personnel including Project Manager ranging from less than 12 months to greater than 36 months.**

The points are being assigned with respect to the number of months of experience in the last 72 months. Not with respect to the overall amount of project experience they have. That is, a project manager must have 72 months of overall experience. At least 12 months of that experience must be in the last 72 months. Less than that and they get no points, as it breaks M10. We award more points for more months of experience being in the last 72 months, above the mandatory 12 months.

P1 does not assign points for Project Managers with less than 72 months or greater than 72 months.

Again, we are not awarding points based on how many months of experience they have, they have to have 72 months. The points are bring awarded based on how much of the experience is relatively recent (within the last 72 months).

**Question 10** We have some bidders who feel that M10 and P1 are excessive, can you please have the PA review and provide a brief explanation?

**Answer 10** We do not believe that the mandatory and point criteria are excessive for at least the following reasons:

We operate in R&D and our requirements are no different. As such staying current in both theory and application are paramount, especially in the disciplines we identified. Professionals in these fields appreciate and consequently understand the importance of having relevant and recent training and experience.

However we also realize the inherent costs involved in undertaking measures that promote relevant and recent training and experience. That is why we so loosely defined the mandatory required experience to only 6 years. Furthermore, we only require 12 months of the required 6 years experience to be sometime over the last 6 years. A total of 6 years of experience, with only 12 months required to be recent, with recent being defined as in the last 6 years, is a flexible definition of recent work and consequently facilitates an open opportunity for those qualified.

**PLEASE SEE THE REVISED TECHNICAL EVALUATION BELOW.**

DELETE IN ITS ENTIRETY

4.1.1 Technical Evaluation

**INSERT:**

**4.1.1 Technical Evaluation**

**4.1.1.1 Mandatory Technical Criteria**

In their proposals, bidders must demonstrate they meet the following mandatory criteria. Failure to meet any of the mandatory criteria will render the bid non-compliant and it will be given no further consideration.

	CRITERIA	MET	NOT MET	Ref. Page
M1	The bidder's firm must have demonstrated experience in Automated Test Control Systems (ATCS) with a minimum of one ATCS project realized in the last 72 months.			

<b>M2</b>	The bidder's firm must have demonstrated experience in Underwater Acoustic Principles with a minimum of one project realized in the last 72 months with work related to underwater acoustic principles.			
<b>M3</b>	The bidder's firm must have demonstrated experience designing, assembling and developing with National Instrument data collection systems with a minimum of one project realized in the last 72 months with work related to National Instrument's data collection systems.			
<b>M4</b>	The bidder's firm must have demonstrated experience in providing calibration hardware, processes or techniques with a minimum of one project realized in the last 72 months with work related to calibration hardware, processes or techniques.			
<b>M5</b>	The bidder's firm must have demonstrated experience in Software Engineering with a minimum of one project realized in the last 72 months with work related to software engineering.			
<b>M6</b>	The bidder's firm must have demonstrated experience in the operation of transducers and hydrophones for calibration with a minimum of one project realized in the last 72 months with work related to the operation of transducers and hydrophones for calibration.			
<b>M7</b>	The bidder's firm must have demonstrated experience in performing a feasibility study and implementing the findings with a minimum of one project realized in the last 72 months with work related to performing a feasibility study and implementing the findings.			
<b>M8</b>	The bidder's firm must address the following project management aspects: 1. The bidder's technical proposal must include a project management plan with work breakdown elements. 2. The project manager must have 72 months of experience in managing R&D projects. 3. The project management plan must address all tasks outlined in the statement of work.			
<b>M9</b>	The bidder's firm must address the following specifications and performance characteristics of equipment: 1. The bidder's technical proposal must meet all of the hardware criteria, as listed in AD1. 2. The bidder's technical proposal must address all software elements referenced in the statement of work.			

## 2. POINT-RATED EVALUATION CRITERIA

	POINT-RATED EVALUATION CRITERIA	Min.	Max.	Ref. Page
<b>P1</b>	<p>Qualified personnel must have a minimum of 12 months experience in their field(s) in the last 72 months:</p> <ol style="list-style-type: none"> <li>1. Mechanical/Electrical Engineer or equivalent experience and training</li> <li>2. Computer Engineer or equivalent experience and training</li> <li>3. Electronic Technologist or equivalent</li> <li>4. Transducer Specialist</li> <li>5. Project Manager</li> </ol> <p>Point Rating For Each Personnel Category 1 through 5:  Less than 12 months = 0 Points;  12-24 months = 10 Points;</p>	<b>50</b>	<b>100</b>	

	24-36 months = 15 Points; and greater than 36 months = 20 Points.			
<b>P2</b>	The bidder's firm must have demonstrated experience in Automated Test Control Systems (ATCS) with a minimum of one ATCS project realized in the last 72 months. Point Rating: 1-2 ATCS projects = 10 Points; greater than 2 projects = 15 Points.	<b>10</b>	<b>15</b>	
<b>P3</b>	The bidder's firm must have demonstrated experience in Software Engineering in the last 72 months with work related to the following software engineering concepts and processes: 1. Architecting For Change 2. Requirements Gathering and Analysis 3. Software Design using design patterns 4. Software Development 5. Software Testing 6. Software Maintenance 7. Software User Manuals and Guides 1-2 Software Engineering concepts and processes = 10 Points; 3-5 Software Engineering concepts and processes = 15 Points; and greater than 5 Software Engineering concepts and processes = 20 Points.	<b>10</b>	<b>20</b>	
<b>P4</b>	The bidder's firm must have demonstrated experience in providing calibration hardware, processes or techniques with a minimum of one project realized in the last 72 months with work related to calibration hardware, processes or techniques. Point Rating: 1-2 projects with work related to calibration hardware, processes or techniques = 10 Points; greater than 2 projects with work related to calibration hardware, processes or techniques = 15 Points.	<b>10</b>	<b>15</b>	
<b>TOTAL</b>		<b>80</b>	<b>150</b>	

**NOTE:** Vendors are asked to submit bids that clearly illustrate the relevance, applicability and timeliness of their knowledge and work experience.

Bidders should include pricing for both Task 1 and Task 2 separately.

**ALL other terms and conditions remain unchanged.**