



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

**Bid Receiving
PWGSC
33 City Centre Drive
Suite 480C
Mississauga
Ontario
L5B 2N5
Bid Fax: (905) 615-2095**

**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
Public Works and Government Services Canada
Ontario Region
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5

Title - Sujet Support Human Autonomy Interaction	
Solicitation No. - N° de l'invitation W7719-185397/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client W7719-18-5397	Date 2019-03-07
GETS Reference No. - N° de référence de SEAG PW-\$TOR-302-7737	
File No. - N° de dossier TOR-8-50011 (302)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-03-27	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
F.O.B. - F.A.B.	
Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Berends, Robert	Buyer Id - Id de l'acheteur tor302
Telephone No. - N° de téléphone (905) 615-2465 ()	FAX No. - N° de FAX () -
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

This amendment is being raised to correct an administrative error and to answer questions to date.

At Article 4.1.1.2 Point Rated Financial Criteria (in the title):

Delete: Financial

Insert:

Technical

Q1. - Is there someone providing these services at present?

A1. – The previous contract expired September 2016.

Q2 - How long was the total duration of the contract?

A2. - The contract was 3 years.

Q3. - Can the provider bid on this opportunity?

A3. - Yes.

Q4. - In the rated criteria for Specialist Researcher, we have worked on the development of a multi-agent Artificial Intelligence (AI) system and software architecture that controls and coordinates multiple autonomous vehicles and entities. This system and architecture was built from the ground up, but offers many of the functionalities of a typical multi-agent environment, such as a multi-agent middleware, an agent run-time, agent autonomy and reasoning capabilities, graphical plans, multiple interaction styles between agents, dynamic reconfiguration of agents, simulation support, etc. Would publications on development for such a system count for area 5?

A4. - Yes, such publications can be counted for area 5.

Q5. - For the rated criteria for Specialist Researcher, there is no definition in the RFP of what you understand to be cognitive computing, and there is no widely agreed upon definition in either academia or industry. Would a publications on AI systems that can reason on a situation while taking into account contextual cues, make decisions and adapt its behaviour based on that reasoning and that context, and interact with a human through interfaces be accepted for area 4?

A5. - Yes, such publications can be counted for area 4.

Q6. - You are looking for 4 specialist researchers. To score the minimum points, they each need to have 5 publications in 3 fields, or a number of publications in all 5 fields. That makes them more “jack-of-all-trades” than actual specialists. Is there a reasons why you are looking for 4 researchers that cover many areas, rather than 4 researchers that are each specialists in one or 2 areas? We feel this is not only detrimental to this project, as it disqualifies researchers that are highly specialised in one or two of those fields (and may therefore have better insight than a researcher that is more generalist), but also given that researchers that have this many publications in multiple of these specific fields are extremely rare, and that 4 needs to be found, it will likely prevent Canada from getting a multiple options to choose from.

A6. - Although people may interpret “areas” as “research fields” (in the question), we are NOT looking for specialists covering these many specific research fields/domains but 5 highly correlated applications or tools they have experience with. A specialist can have experience in all these 5 applications or tools with his/her expertise in only 1 or 2 research fields. Additionally, we are not expecting all 4 specialists to get maximum scores but reasonably enough to get minimum scores. If you look at the points assignment, it is not hard for a specialist with expertise in only 1 or 2 research fields to publish 5 publications in the last 5 years for those highly correlated applications or using the related tools.