

# REQUEST FOR INFORMATION DEMANDE D'INFORMATION

## AMENDMENT NO. 01 N° DE LA MODIFICATION 01

### Proposal To: National Defence Canada

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods and services listed herein and on any attached sheets at the price(s) set out therefore.

### Proposition à : Défense nationale Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indiqué(s).

### Solicitation Closes – L'invitation prend fin

At – à : 14 :00 Eastern Standard Time

On - le :09 November 2020

<b>Title – Titre</b> Digital Virtual Trainer	<b>RFI No. – N° de l'invitation</b> W8486-206415
<b>Date of Amendment – Date de modification</b> 27 October 2020	
<b>Address Enquiries to: – Adresser toutes questions à :</b> Myriam Zakaib by e-mail to Myriam.Zakaib@forces.gc.ca	
<b>Telephone No. – N° de telephone</b> N/A	<b>FAX No. – N° de fax</b> N/A

**Instructions: Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.**

**Instructions : Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.**

Vendor Name and Address - Raison sociale et adresse du fournisseur

Name and title of person authorized to sign on behalf of vendor (type or print) - Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie)

Name – Nom \_\_\_\_\_ Title – Titre \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Amendment 01 is raised to provide answers to the first round of bidder questions and provide the following note to Bidders.

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**Note to Bidders:**

Please email [Myriam.Zakaib@forces.gc.ca](mailto:Myriam.Zakaib@forces.gc.ca) and reference W8486-206415 for a French copy of this amendment.

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Question 1	The Digital Virtual Trainer project is not currently listed on the Defence Capabilities Blueprint. Can you please provide the project's funding range, anticipated timeline, and current project stage
Answer 1	This RFI is not a solicitation and does not constitute a commitment with respect to future purchases or contracts. DND is issuing this Request for Information as a means of understanding industry readiness toward a Digital Virtual Trainer. There is no funding range, anticipated timeline, nor project stage. As this is only a Request for Information, it is not listed on the Defence Capabilities Blueprint. Potential suppliers of any goods or services described in this RFI should not reserve stock or facilities, nor allocate resources, as a result of any information contained in this RFI.
Question 2	With reference to the requirement on page 19 at 7.3.1, "DVT must integrate with the legacy CONSIM systems to provide 2D and 3D visualization of the battlespace". What is the legacy Constructive Simulation system being referenced?
Answer 2	The Canadian Army and DGLEPM support an integrated simulation baseline. DVT must be capable of interacting with applications in the simulation baseline using the DIS and HLA protocols listed in the SOW and Compliance Matrix. There must also be a Software Development Kit/Application Programming Interface as specified in the SOW and Compliance Matrix.
Question 3	Are there any anticipated integrations required between this Digital Virtual Trainer and other simulation systems in current use or being sought by the Army (LVCTS, WES Upgrade, Joint Fires Modernization)?
Answer 3	In accordance with direction from the CA Simulation Authority, (the Canadian Army Training and Doctrine Commander), DND intends to

	acquire enterprise level licensing that will facilitate a range of local and distributed Live, Virtual and Constructive simulation capabilities. However, DVT, at present, has no critical dependencies with other CA sponsored simulation procurements.
Question 4	Does this project intend to acquire the hardware required to operate the DVT system?
Answer 4	No.
Question 5	Approximately how many sites and/or stations will be deployed?
Answer 5	The legacy system is in use in dozens of Canadian Army and Joint applications. DND considers the requirement must be met with an unlimited enterprise level licensing arrangement. The objective with DVT resembles that of the Microsoft Office suite of tools, in that it is unreasonable to predict how many users will implements simulation solutions using DVT applications.
Question 6	Is this project supporting the Army's projects for the (1) LVCTS or (2) FOO/JTAC Sim?
Answer 6	CA sponsored live and virtual simulation project teams are aware of the DVT initiative and may elect to employ a unified synthetic environment system, should an enterprise licensing approach succeed. However, DVT has no critical dependencies at this time.
Question 7	Is the intent to provide sim to the individual soldier level or to the Level 5 combined arms / combat team?
Answer 7	Both.
Question 8	Is the DVT Sim for Army operations only or fully joint to include other services from CJOC, RCAF and RCN.
Answer 8	The RCN, RCAF and CJOC are aware of the DVT initiative have provided input to the DVT requirement. DND expects that DVT will support joint scenarios.
Question 9	Is the DVT Sim being located at the Army Sim Centre in Kingston or across the Army at all of the bases across Canada?
Answer 9	The DVT will form part of an integrated CA and DND simulation system capable of supporting live, virtual and collective training at CA and CAF

	regular force and reserve locations. Some instances of DVT will be locally networked, some will be supported and operated on a WAN.
Question 10	Is the DVT Sim stand-alone systems and/or networked to connect with other Army units across Canada.
Answer 10	Both.
Question 11	Can you please confirm how DVT will fit with/within the upcoming LVCTS?
Answer 11	CA sponsored live and virtual simulation project teams are aware of the DVT initiative and may elect to employ a unified synthetic environment system, should an enterprise licensing approach succeed. However, DVT has no critical dependencies at this time.
Question 12	Any projected milestone information on the potential/expected RFP date?
Answer 12	This RFI is not a solicitation and does not constitute a commitment with respect to future purchases or contracts. Potential suppliers of any goods or services described in this RFI should not reserve stock or facilities, nor allocate resources, as a result of any information contained in this RFI.
Question 13	What are the next steps after the RFI Submission process?
Answer 13	This RFI is not a solicitation and does not constitute a commitment with respect to future purchases or contracts. Potential suppliers of any goods or services described in this RFI should not reserve stock or facilities, nor allocate resources, as a result of any information contained in this RFI.
Question 14	Can you please clarify the end-user as an individual soldier or networked across the platoon/section?
Answer 14	Both. DVT will also support visualization and sensor feed pictures, when networked, locally or wide-area, with the CA Constructive Simulation capability.
Question 15	Can you please define the context of usage of this platform?
Answer 15	Depending on CA requirements, DND intends that DVT be used for individual and collective training, concept development and experimentation. Hence the requirement to tailor platform behaviour to user needs and security classification.
Question 16	Can you please confirm if this will be a replacement of current capability?
Answer 16	It is a replacement for the legacy visualisation system. However, DND is aware that competitive systems come equipped, “out of the box”, with a wider range of capabilities than the legacy systems.
Question 17	Are your expectations for a COTS/MOTS or development program?
Answer 17	COTS/MOTS, with ability to tailor platform performance to user needs.

Question 18	Additional Questions specific to infrastructure; laptop based training; classroom or vehicle hangar?
Answer 18	This is not a question.
Question 19	The RFI calls for digital submission, however it is also requesting a hard copy of the compliance matrix be submitted, please provide instructions for this hard copy submission.
Answer 19	Please disregard the submission of a hard copy. Please submit in electronic format.
Question 20	Regarding Annex C - Constraints, please clarify the instructions regarding what is to be submitted in this annex
Answer 20	There is nothing to be submitted in Annex C. As per Section 6.2, respondents are requested to respond to all questions posted in Annex B.
Question 21	The RFI states "DND requires the DVT to load, portray and animate Government Furnished entity models in Open Flight format. This entity model list is available on demand." Would you please provide this list?
Answer 21	The list is now uploaded as a separate document. Please refer to it.