



**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**  
Systems Integration & Software Development Division  
(XG)/Div. d'Intégration des systèmes et du  
développement des logiciels (XG)  
Terrasses de la Chaudière 4th Floor  
10 Wellington Street  
Gatineau  
Quebec  
K1A 0S5

<b>Title - Sujet</b> AIT Project Procurement	
<b>Solicitation No. - N° de l'invitation</b> W6381-180019/B	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> W6381-180019	<b>Date</b> 2021-07-22
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$XG-624-39767	
<b>File No. - N° de dossier</b> 624xg.W6381-180019	<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 2021-09-10</b> Heure Avancée de l'Est HAE	
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes	
<b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> NGUYEN, Mark Nam	<b>Buyer Id - Id de l'acheteur</b> 624xg
<b>Telephone No. - N° de téléphone</b> ( ) - ( )	<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>

**RFI Amendment 001 is raised to:**

- A. Extend the RFI closing date to September 10<sup>th</sup>, 2021, 2:00 PM EDT with a request to suppliers to respond to the first round of RFI questions by August 6<sup>th</sup>, 2021 or earlier.
- B. Provide suppliers with the Proof of Proposal Point-Rated Evaluation Criteria.

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.**

AIT RFP DEMO Cases

Work Stream	Sub-Functionality	Functionality Demonstration	Pass / Fail Criteria	Comments:
MM	Goods Receipt Arrival / Receiving	Display : Goods Receipt document PO order (AIT device)	Users ability to manipulate views based on any data elements (AIT device)	Examples of fields: Carrier, Vendor, Tracking #, PO ID, Shipment Status, Expected Delivery Date, Inventory ID, Inventory Title, Inventory Item Status, Delivery Date, (...)
		Capture the receipt of inventory with package format (AIT device)	<ul style="list-style-type: none"> <li>- Barcode scan with unique identifier as it is in SAP</li> <li>- Scan the package format at any level</li> <li>- Scan Items and indicate status for receiving (AIT device)</li> </ul>	
MM	Goods Receipt Put-Away	Trigger update in SAP (SAP)	Update: <ul style="list-style-type: none"> <li>- Status of shipment (Received)</li> <li>- Inventory quantity (at unit / warehouse level)</li> <li>- Next Task (Put-Away, reject, QA/Inspection) (SAP)</li> </ul>	Examples of fields: Inventory ID, Inventory Title, Location, Aisle, Bin, Quantity
		Display all inventory to be put-away (AIT device)	Users ability to manipulate views based on any data elements (AIT device)	
		Capture location for Inventory put-away	Scan the location directed for put-away	

Work Stream	Sub-Functionality	Functionality Demonstration (AIT device)	Pass / Fail Criteria	Comments:
		<p>Triggered quantity change at SAP (SAP)</p>	<p>Or, manually enter the location information (AIT device)</p> <p>If connection with SAP is available, send information about received items and quantity</p> <p>If connection is lost, save the message that will be transmitted once connection is established (AIT device)</p> <p>Quantity changed at SAP for the location inventory was put-away in the warehouse (SAP)</p>	
MM	Goods Receipt QA / Inspection	<p>Display inventory identified for inspection (AIT device)</p> <p>Capture inventory to be inspected (AIT device)</p>	<p>Users ability to manipulate views based on any data elements and to have option of whether or not to read the message (AIT device)</p> <p>Scan inventory and location labels (AIT device)</p>	<p>Examples of fields: Discrepancy Code (unique Inspection Code), Inspection Instructions, Notes, Priority, Inventory ID/Description/Status, Special Instructions, Location, Manufacture Date</p>

Work Stream	Sub-Functionality	Functionality Demonstration	Pass / Fail Criteria	Comments:
		Trigger creation of a Discrepancy Report with its ID in SAP (SAP)	Discrepancy Report created at SAP (SAP)	
MM	Warehousing Inventory Control	<p>AIT device must display inventory information (AIT device)</p> <p>Capture updates to inventory information (AIT device)</p> <p>AIT device must modify updates to inventory information – Item expired (AIT device)</p> <p>Trigger updates to inventory information in SAP – Item expired (SAP)</p>	<p>The most up-to-date information about inventory must be displayed</p> <p>Users ability to manipulate views based on any data elements (AIT device)</p> <p>Manually input on AIT Device</p> <p>Quantity for expired items must be decreased (SAP)</p>	<p>Examples of fields: Inventory ID, Inventory Description, Inventory Status, Serial #, Manufacture Date, SKU, Lot #, Batch #, Special Instructions, Location, Aisle, Bin Comments, Hazmat info</p>
MM	Goods Issue Picking	Display Picks (AIT device)	Users ability to manipulate views based on any data elements (AIT device)	<p>Examples of fields: Pick ID, Pick Status, Priority, Reason, Inventory ID, Inventory Description, Inventory Status, Batch # ...</p>

Work Stream	Sub-Functionality	Functionality Demonstration	Pass / Fail Criteria	Comments:
		<p>Capture Pick information (AIT device)</p> <p>Trigger quantity change In SAP at the location the item was picked from (AIT device)</p> <p>Triggers a notification if picked inventory does not match info on the Pick list (SAP)</p> <p>AIT device captures completion of items against a pick list (AIT device) (partial and complete)</p> <p>Trigger capture completion of a pick list (AIT device)</p>	<p>AIT device captures Pick information and transmit to SAP (AIT device)</p> <p>Quantity for picked item from specific location that Pick occurred is decreased (SAP)</p> <p>Notification displayed on AIT device.</p> <p>Users ability to manipulate views based on any data elements (AIT device)</p> <p>Status of all picked items should be complete (AIT device)</p> <p>As items are picked SAP is being updated. Completion automatically triggered in SAP when all picks against a pick list have been completed (SAP)</p>	

Work Stream	Sub-Functionality	Functionality Demonstration	Pass / Fail Criteria	Comments:
MM	Goods Issue Kitting (Bill of Material)	Display inventory to be kitted (built BoM) (AIT device)	Inventory items associated with a BoM displayed Status of inventory items displayed (AIT device)	Examples of fields: BoM, Inventory ID, Inventory Description, Inventory Status, Quantity, Special Instructions, Comments
		Capture the status of the build - kitting activities (AIT device)	Users ability to manipulate views based on any data elements (AIT device)	
		AIT devices must modify status of kitting activities against the BoM in SAP (AIT device - SAP)	Quantity of inventory items associated to BoM must be reduced (SAP)	Examples of fields: BoM, Inventory ID, Inventory Description, Quantity, Location, Aisle, Bin
		Trigger a change in the quantity of inventory in SAP (SAP)	Upon completion of a BoM the quantity of inventory in SAP must be increased for the newly built inventory item (SAP)	
MM	All	Generating and Printing – Mobile and /or static printers: - Materiel Identification Label - Labels for returns - Location Label - Consolidation Label - Pick list	Printout for all labels (SAP, (AIT device), mobile and/or static printers)	All required data is in the document printouts The labels / documents must be printed from the SAP environment

Work Stream	Sub-Functionality	Functionality Demonstration	Pass / Fail Criteria	Comments:
		- Goods Issue Label		
ITV	Prepare for ITV Tracking	AIT device ability to capture Conveyance ID to the tag	<p>Conveyance ID -unique data to the conveyance written to the tag (SAP to AIT device)</p> <p>If connection with SAP is available, send ITV information in real time</p> <p>If connection is lost, save the message that will be transmitted once connection is established (AIT device)</p>	<p>Conveyance ID which is written in the tag, is unique to each conveyance being tracked – one-to-one relationship</p> <p>Tags are decommissioned at the final destination of the shipment</p> <p>Only the Conveyance ID get written to the Tag</p> <p>For demo we need to see three shipments (separate PO's) in SAP associated to 1 Conveyance (unique ID)</p> <p>Shipment 1: Ottawa – Montreal</p> <p>Shipment 2: Montreal – Trenton</p> <p>Shipment 3: Ottawa – Trenton</p>
ITV	Departure / Arrival at Checkpoint	<p>Capture Conveyance ID from the tag</p> <p>Capture date and time for conveyance departure and arrival at each checkpoint along route</p>	<p>Check point Ottawa:</p> <ul style="list-style-type: none"> <li>-Departure date and time (for monitored conveyance ID) (AIT device to SAP)</li> </ul> <p>Check point Montreal:</p> <ul style="list-style-type: none"> <li>Arrival date and time</li> <li>Departure date and time (for monitored conveyance ID) (AIT device to SAP)</li> </ul> <p>Check point Trenton</p> <ul style="list-style-type: none"> <li>Arrival date and time</li> </ul>	<p>Only the Conveyance ID get written to the Tag</p> <p>Users who want to see what PO's are associated to a conveyance must log into DRMIS, look up Conveyance ID and see associated PO...and then drilldown to see inventory associated to each PO.</p>



Work Stream	Sub-Functionality	Functionality Demonstration	Pass / Fail Criteria	Comments:
ITV	Movement Between Checkpoints	<p>Transmit to SAP all departure/arrival transaction data (associated to the Conveyance ID) to SAP</p> <p>Capture Conveyance ID from the tag and associate the tag with its current geographical coordinates</p> <p>Capture date and time associated with the tag</p> <p>Transmit all geographical coordinates transaction data to SAP</p>	<p>(for monitored conveyance ID) (AIT device to SAP)</p> <p>If connection with SAP is available, send departure/arrival transaction data to SAP in real time</p> <p>If SAP is disconnected data should be sent as soon as connection is re-established (AIT device to SAP)</p> <p>Captured Conveyance ID and associated it to current geographical coordinates (AIT device to SAP)</p> <p>Captured Conveyance ID and associated it with current date and time (AIT device to SAP)</p> <p>If connection with SAP is available, send all geographical coordinates transaction data to SAP in real time</p> <p>If SAP is disconnected data should be sent as soon as connection is re-established (AIT device to SAP)</p>	

Work Stream	Sub-Functionality	Functionality Demonstration	Pass / Fail Criteria	Comments:
FM	Fuel Inflow	<p>AIT device ability to capture quantity of fuel Inflow data (AIT device)</p> <p>SAP needs to read inflow data from the sensors in order to complete transaction</p>	<p>AIT device capture the quantity of fuel added into a static or mobile bulk fuel tank Along with date and time for fuel inflow transaction AIT device sends all static bulk fuel inflow data to SAP (AIT device)</p> <p>SAP receives inflow data (SAP)</p>	<p>The quantity of fuel added must be adjusted to 15°C</p> <p>When SAP is connected, data should be sent in real time</p> <p>When SAP is disconnected, data must be sent as soon a connection is re-established</p>
FM	Fuel Inventory Management	<p>AIT device ability to capture the total quantity of fuel in a static and mobile bulk fuel tank</p> <p>SAP receives information of current fuel levels for all fuel types (AIT device)</p> <p>SAP captures fuel level from static and mobile bulk fuel tanks (SAP)</p>	<p>AIT device capture the total quantity of fuel in bulk fuel tank along with captured date and time for bulk fuel monitoring transaction AIT device sends all bulk fuel monitoring data to SAP (AIT device)</p> <p>SAP track fuel holdings (SAP)</p>	<p>The quantity of fuel added must be adjusted to 15°C</p> <p>Bulk fuel tank monitoring data is to be sent to SAP daily and ad-hoc on all active tanks</p>

Work Stream	Sub-Functionality	Functionality Demonstration	Pass / Fail Criteria	Comments:
FM	Fuel Outflow	<p>AIT device ability to capture quantity of fuel Outflow data (AIT device)</p> <p>SAP needs to read outflow data from the sensors in order to complete transaction (SAP)</p>	<p>AIT device capture the quantity of fuel removed from a static or mobile bulk fuel tank along with captured date and time for bulk fuel outflow transaction</p> <p>AIT device sends all bulk fuel outflow data to SAP (AIT device)</p> <p>SAP receives outflow data (SAP)</p>	<p>The quantity of fuel added must be adjusted to 15°C</p> <p>When SAP is connected, data should be sent in real time</p> <p>When SAP is disconnected, data must be sent as soon a connection is re-established</p>