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– TPSGC**

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Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau

Quebec

K1A0S5

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

Marine Emergency Response Division/Division des
Interventions en cas d'urgence maritime
Centennial Towers 7th Floor - 7W11
200 Kent Street
Ottawa
Ontario
K1A0S5

Title - Sujet EREP: Curtain Boom	
Solicitation No. - N° de l'invitation F7047-160033/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client F7047-160033	Date 2017-12-19
GETS Reference No. - N° de référence de SEAG PW-\$ERD-002-26562	
File No. - N° de dossier 002erd.F7047-160033	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-01-15	
Time Zone Fuseau horaire Eastern Standard Time EST	
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: Szczesniak, Michal	Buyer Id - Id de l'acheteur 002erd
Telephone No. - N° de téléphone (250) 507-0647 ()	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

SOLICITATION AMENDMENT 001

This Amendment is raised to:

- (a) Address questions; and
- (b) Revise the Solicitation.

The bid must take into account the following information:

Question 1

We want to ensure we fully understand Schedule A.

Specifically, Items 1 to 6 in Article 3 (Required Goods and Services from Date of Contract to November 30, 2018) and Items 7 to 14 in Article 4 (Optional Goods and/or Services).

Our questions are as follows and are specific to the Curtain Boom at this time:

- a. In Article 3, Item #1 calls for 67 units of 1000 ft. totaling 67,000 ft.
- b. In Article 4, Item #7 calls for 330 units of 1000 ft. totaling 330,000 ft.

Are we understanding this volume correctly and if so, do both fall into the delivery perimeters of delivery by November 30, 2018?

Response to Question 1

When reading Schedule A and Schedule B, it is important for bidders to carefully read the Notes found below each table, and understand the *Period of the Contract* and *Optional Goods and/or Services* concepts described in Part 7 of the Solicitation.

- a. In Schedule A, Article 3, Items 1 to 6 represent the goods and services that must be provided by the Contractor during the initial Period of the Contract as specified in Article 7.4.1 (Period of the Contract) of the Solicitation.

As mentioned in Note 2 for Schedule A, Article 3, the "Total QTY" column identifies the total number of units that are required across all delivery locations. Schedule B identifies the quantity of units that are required for each known delivery location.

So in the case of Schedule A, Article 3, Item #1 (Curtain Boom):

- A total quantity of 67 units of Item #1 is required by November 30, 2018;
- Each unit of Item #1 includes 1000 ft of Curtain Boom so yes, a total of 67,000 ft of Curtain Boom is required;
- However, as identified in Schedule B, not all 67 units of Item #1 need to be delivered to the same location since Schedule B, Article 1 identifies that:
 - 2 units of Item #1 need to be delivered to Richmond,
 - 36 units of Item #1 need to be delivered to Victoria,
 - 16 units of Item #1 need to be delivered to Mount Pearl, and
 - 13 units of Item #1 need to be delivered to Dartmouth,preferably by March 31, 2018 but by November 30, 2018 at the very latest.

In Schedule B, the Bidder must identify in the table in Article 1 the Delivery Date for each delivery. While delivery is requested by March 31, 2018, the delivery must be made within the number of days after an order has been made as identified in the bid. For the purposes of the Required Goods (Schedule A - Items #1 to #6), the date of the order is deemed to be Contract Award.

- b. In Schedule A, Article 4, Items 7 to 14 represent the optional goods and/or services that Canada has the irrevocable options to acquire as per Article 7.1.2 (Optional Goods and/or Services) of the Solicitation.

Canada also has irrevocable options to extend the term of the Contract by up to two additional periods as per Article 7.4.3 (Options to Extend the Contract) of the Solicitation.

As mentioned in Note 5 for Schedule A, Article 4, Optional Items may be procured on as many occasions as necessary up to the identified maximum total quantity in the "Max. QTY" column during the entire Period of the Contract.

The Period of the Contract is dependent on whether the options described in Article 7.4.1 (Period of the Contract) of the Solicitation are exercised by Canada.

The quantity of Optional Goods and/or Services order will be dependent on whether the options described in Article 7.1.2 (Optional Goods and/or Services) of the Solicitation are exercised by Canada.

So in the case of Schedule A, Article 4, Item #7 (Curtain Boom):

- Up to 330 units of Item #7 may be acquired over the entire Period of the Contract which may end on:
 - November 30, 2018,
 - At the end of Option Period 1, or
 - At the end of Option Period 2.

Actual quantities of Optional Goods and/or Services like Item #7, if any, for each period (i.e. to November 30, 2018, Option Period 1, Option 2) are not known at this time.

Bidders must take this into account when submitting their financial bid in accordance with Schedule A and addressing each of the cost elements in Schedule A.

Question 2

With respect to the repair of any inspection lots (Article 7.18.2.e), the proposed process to repair the inspection lots will likely be expensive and time consuming for both the Contractor and Canada. An alternative approach that may be worth considering is to simply order one extra 50ft section of boom for each lot. If Canada decides to perform an inspection on any of the randomly selected sections of boom, after inspection, it could be disposed of. In lots where the boom is not inspected, they each have an extra section of boom.

Response to Question 2

The suggested alternative approach of ordering one extra 50ft section of boom for each lot will not be taken by Canada. If an Inspection is performed on any of the randomly selected sections of boom, Canada may choose to dispose of it after the inspection. Please also refer to Revision 6.

Question 3

In reference to Annex A (Statement of Work), Section 2.4.1 (Contract Kick-Off Meeting), please confirm that Canada will cover all travel and accommodation costs for their representatives to tour the manufacturing facilities.

Response to Question 3

Canada will be responsible for covering all travel and accommodation costs associated with any travel required by Canada's representatives.

Question 4

With respect to Annex A (Statement of Work), Section 3.3 (Commissioning),

- a. Is the expectation that the Contractor be on site at each location to deploy, recover and then put into storage the curtain boom and accessories?
- b. If this is the case, will the operational personnel and/or Subject Matter Experts be present to simply observe, or will they be actively involved? This is important to know, as it will determine if the Contractor needs to send one person or a team of people.

Response to Question 4

- a. Yes, the expectation is that the Contractor would need to be on site to perform the activities listed (i.e., deploy, recover and then put into storage the curtain boom and accessories).
- b. Operational personnel and/or Subject Matter Experts will only serve as observers; however, they may assist or facilitate commissioning activities, if requested by the Contractor (refer to Section 3.3.2 of Annex A)

Question 5

With respect to Annex A (Statement of Work), Section 4 (Training) calls for both Technical Maintenance Training and Operational Training, each of which is supposed to last one full workday, plus one day for the aforementioned commissioning. This seems to be an excessive amount of time, based on the non-technical nature of the product being supplied. Realistically, the commissioning, and both training sections could be effectively completed in one day. Would this be acceptable?

Response to Question 5

Please refer to Revision 7 and Revision 8.

It is important to note the following:

- a. Canada requires a Commissioning Plan (**DID-SE-03**) where the Contractor must create a proposed commissioning schedule. This will allow the Contractor to set parameters around the time duration of the session.
- b. Canada requires a Training Plan (**DID-TR-01**) where the Contractor must create a proposed training schedule. This will allow the Contractor to set parameters around the time duration of each session (Technical Maintenance Training and Operational Training).

Question 6

In Annex B (Technical Statement of Requirements), Section 3.3.6.4, the specification calls for the black webbing handles to be located at the fold points of the curtain boom, however, operationally, having the handles located at the mid point of the floats provides easier handling. When the boom is flaked, all of the handles should be in line, in case the entire section of boom needs to be lifted. Also, when handling the boom, it is easier for a person to reach from mid point to mid point, as the boom will flex at the fold points, allowing the handles to be closer together. We can do the handles either way, please confirm if you want to consider what we have suggested, or stick with the handles at the folds.

Response to Question 6

The requirement as stated in Annex B (Technical Statement of Requirements), Section 3.3.6.4 remains unchanged.

Question 7

Annex B (Technical Statement of Requirements), Section 3.5.1.1, states that storage containers are to be an “off the shelf” item, however, in Section 3.5.2.1 it is indicated that the container must be constructed with doors at both the front and rear end frames, which precludes supplying “off the shelf”. Containers with doors at both ends are custom manufactured. Please clarify.

Response to Question 7

The requirements as stated in Annex B (Technical Statement of Requirements), Section 3.5.1.1 and Section 3.5.1.2 remain unchanged.

Referring to Annex B (Technical Statement of Requirements), Section 2 (Terminology & Definitions), “Off-the-shelf” is defined as “Any standard articles and materials that are ordinarily produced by manufacturers in the normal course of business.” There are several container vendors who offer the dual door (front and back door) option. The container is to be built as per an ISO Standard and then be commercialized with additional options. The definition of off-the-shelf would still hold true for the dual door (front and back doors) containers.

Question 8

Regarding the Instruction Placards specified in Annex B (Technical Statement of Requirements), Section 3.6.3, shouldn't these instruction placards be supplied for each location where there will be curtain boom regardless of the delivery of a storage container?

Response to Question 8

Please refer to Revision 10, Revision 11, Revision 12, Revision 13, Revision 15, and Revision 16.

Question 9

With respect to Annex B (Technical Statement of Requirements), Section 3.3.7.5 and the total tensile strength of boom being a minimum of 10,000 lbs. It is understood that ASTM is a test method. Our concern lies within the perimeters around working load and breaking strength of chain. Working load of proof coil chain is approximately 1/3 the value of the breaking strength. It is highly unlikely that you would find chain for boom application that would meet a working load of 10,000.lbs. We wanted to ensure that it is acknowledged of the differences between working load and breaking/tensile strength.

Response to Question 9

The total tensile strength of the boom is understood to be the tensile load that results in the ultimate breakage or failure of the boom. The 10,000 lb value referenced in Annex B was taken as the minimum ASTM recommended tensile strength for open water boom (refer to ASTM F1523).

Annex B (Technical Statement of Requirements), Section 3.3.7.5 remains unchanged.

Question 10

With respect to Annex B (Technical Statement of Requirements), Section 3.3.9.1 calls for RF welding for all seams. We have utilized a combination of hot air welding and RF welding for many years. Can this specification be modified to accept hot air welding?

Response to Question 10

Annex B (Technical Statement of Requirements), Section 3.3.9.1 remains unchanged.

Revision 1

Replace Article 3.1.1 (Bid Structure) in its entirety with the following text:

“3.1.1 Bid Structure

Canada requests that Bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (2 hard copies and electronic copies on 3 CDs, DVDs, or USB storage devices)

Section II: Financial Bid (1 hard copy and 1 electronic copy on CD, DVD, or USB storage device)

Section III: Certifications (1 hard copy and 1 electronic copy on CD, DVD, or USB storage device).

If there is a discrepancy between the wording of the electronic copy and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.”.

Revision 2

Replace Article 3.1.5.3 (Exchange Rate Fluctuation) in its entirety with the following text:

“3.1.5.3 Exchange Rate Fluctuation

3.1.5.3.1 Exchange Rate Fluctuation

The requirement does not offer exchange rate fluctuation risk mitigation for the initial Period of the Contract as specified in Article 7.4.1 (Period of the Contract). Requests for exchange rate fluctuation risk mitigation for the initial Period of the Contract will not be considered. All bids including such provision will render the bid non-responsive.

3.1.5.3.2 Exchange Rate Fluctuation Risk Mitigation

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations for Option Period 1 and Option Period 2 as specified in Article 7.4.3 (Options to Extend the Contract).

If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form PWGSC-TPSGC 450, Claim for Exchange Rate Adjustments (Annex D) with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.

2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).

4. At time of bidding, the Bidder must complete columns (1) to (4) on form PWGSC-TPSGC 450, for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.”.

Revision 3

Insert the following text in Part 7 (Resulting Contract Clauses):

“7.7.10 Exchange Rate Fluctuation Adjustment *(if applicable)*

1. The foreign currency component (FCC) is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuation. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
2. For each line item where a FCC is identified, Canada assumes the risks and benefits for exchange rate fluctuation, as shown in the Basis of Payment. For such items, the exchange rate fluctuation amount is determined in accordance with the provision of this clause.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment.
The exchange rate adjustment amount will be calculated in accordance with the following formula:
$$\text{Exchange rate adjustment} = \text{FCC} \times \text{Qty} \times (i_1 - i_0) / i_0$$

where formula variables correspond to:

FCC

Foreign currency component (per unit)

Qty

quantity of units

i_0

Initial exchange rate (CAN\$ per unit of foreign currency [for example US\$1]).

The initial exchange rate is set as the Bank of Canada rate on the solicitation closing date. The Bank of Canada publishes its rates each business day by 16:30 Eastern Time.

i_1

Exchange rate for adjustments (ERA) (CAN\$ per unit of foreign currency [for example US\$1]). The Bank of Canada publishes its rates each business day by 16:30 Eastern Time.

- a. The ERA for goods will be the Bank of Canada rate on the date the goods were delivered.
- b. The ERA for services will be the Bank of Canada rate on the last business day of the month for which the services were performed.
- c. The ERA for advance payments will be the Bank of Canada rate on the last business day prior to the payment. The last published business day rate will be used for non-business days.

4. The Contractor must indicate the total exchange rate adjustment amounts (whether they are upward, downward or present no change) as a separate item on each invoice or claim for payment submitted under the Contract. Where an adjustment applies, the Contractor must submit with their invoice form PWGSC-TPSGC 450, Claim for Exchange Rate Adjustments (Annex D).
5. The exchange rate adjustment will only impact the payment to be made by Canada where the exchange rate fluctuation is greater than 2% (increase or decrease), calculated in accordance with column 8 of form PWGSC-TPSGC 450 (that is $[i_1 - i_0] / i_0$).
6. Canada reserves the right to audit any revision to costs and prices under this clause.”.

Revision 4

Replace Article 7.12 (Foreign Nationals) in its entirety with the following text:

“7.12 Foreign Nationals *(as applicable)*

Foreign Nationals (Canadian Contractor):

The Contractor must comply with Canadian immigration requirements applicable to foreign nationals entering Canada to work temporarily in fulfillment of the Contract. If the Contractor wishes to hire a foreign national to work in Canada to fulfill the Contract, the Contractor should immediately contact the nearest Service Canada regional office to enquire about Citizenship and Immigration Canada's requirements to issue a temporary work permit to a foreign national. The Contractor is responsible for all costs incurred as a result of non-compliance with immigration requirements.

- OR -

Foreign Nationals (Foreign Contractor):

The Contractor must comply with Canadian immigration legislation applicable to foreign nationals entering Canada to work temporarily in fulfillment of the Contract. If the Contractor wishes to hire a foreign national to work in Canada to fulfill the Contract, the Contractor should immediately contact the nearest Canadian Embassy, Consulate or High Commission in the Contractor's country to obtain instructions, information on Citizenship and Immigration Canada's requirements and any required documents. The Contractor is responsible to ensure that foreign nationals have the required information, documents and authorizations before performing any work under the Contract in Canada. The Contractor is responsible for all costs incurred as a result of non-compliance with immigration requirements.”.

Revision 5

Replace Article 7.17.1 (Delivery and Unloading) in its entirety with the following text:

“7.17.1 NOT USED.”.

Revision 6

Replace Article 7.18 (Inspection and Acceptance) in its entirety with the following text:

“7.18 Inspection and Acceptance

As part of the inspection and acceptance process set out in [2030](#) (2016-04-04), General Conditions - Higher Complexity – Goods, the Contractor shall be required to perform the Commissioning process set out in Statement of Work, and, if requested by Canada, the Discretionary Inspection process set out in this clause.

1. Commissioning – See Statement of Work
2. Discretionary Inspection
 - a. The Contractor shall, if directed by Canada, make a single incision lengthwise up to 50 feet at a starting point of Canada’s choosing (“Sample”) for every 1000 feet of curtain boom (“Inspection Lot”) in order to expose the top tension member, flotation element, and ballast chain.
 - b. In the event an Inspection Lot contains one (1) major defect, or two (2) minor defects (as per Table 1: Boom defects), Canada shall have the right to reject the Inspection Lot.
 - c. In the event three (3) Inspection Lots are rejected, Canada shall have the right to reject the entire curtain boom delivery without further inspection.
 - d. Where Inspection Lots(s) have been rejected, the Contractor is in default in carrying out its obligations under the Contract and Canada may exercise its rights under Contract, including but not limited to requiring the correction or replacement of the rejected delivery at the Contractor’s expense, or terminating the Contract, in whole or part, for default.
 - e. In the event Canada has accepted an Inspection Lot subjected to Discretionary Inspection, Canada may raise a Task Authorization for repair of such Inspection Lot under the following conditions:
 - a. Canada shall direct whether the repair is performed on-site or off-site;
 - b. The Inspection Lot must be returned to Canada within 30 days at an operationally-ready state;
 - c. Canada shall be responsible for all delivery and re-delivery charges;
 - d. The repaired Inspection Lot shall be subject to the commissioning process as detailed in Section 3.3 of Annex A, at Canada’s discretion.

Table 1: Boom defects

Major defect
Boom is not a standard, commercial product
Boom parts, assemblies, accessories, and spare parts are not interchangeable
Boom design and construction is not as specified (e.g., dimensions not as specified)
Materials are not as specified
Material coating is separated from base material
Abraded or torn material
Material seams are not RF welded
Foam cracked, damaged, or not as specified
Anchor points, handholds, tension members, or end connectors are not as specified
Attachments and hardware are not as specified
Workmanship is inferior and not as specified (e.g., extrusions are not free from burrs and sharp edges, bolt holes are not accurately drilled to coincide with bolts or other fittings)
Surfaces are not cleaned or treated as specified
Boom accessory package components are missing or damaged
Minor defect
Product identifiers are omitted or incorrect
Colour of boom is not as specified

”.

Revision 7

In Annex A (Statement of Work), replace Section 3.3.2 (Commissioning Procedure) in its entirety with the following text:

“3.3.2 Commissioning Procedure

Canada will ensure operational personnel and/or Subject Matter Experts (SMEs) are present to observe the Contractor’s work during the commissioning process. The Contractor must furnish all necessary materials required to place equipment in working condition ready for active service and operation. The Contractor may request the use of CCG vessels and personnel in order to complete the commissioning process in accordance with the Contract. The Contractor will ensure that all deliverables are left in an operationally ready state upon completion of commissioning (i.e., no further set-up or configuration is necessary; the equipment can be deployed as-is for operation).

The Commissioning process must be a distinct session from both the Technical Maintenance Training Session (Section 4.2) and the Operational Training Session (Section 4.3).”.

Revision 8

In Annex A (Statement of Work), replace Section 4 (Training) in its entirety with the following text:

“Section 4 TRAINING

4.1 General

The Contractor must provide two different types of training sessions:

- a) Technical Maintenance Training; and
- b) Operational Training.

One Technical Maintenance Training session, and one Operational Training session must be delivered with each delivery of curtain boom.

All training materials must be in both Canadian English and Canadian French. Training sessions must be conducted in either English or French, and will be determined by Canada prior to booking the training event.

4.1.1 Training Plan

A Training Plan in accordance with **CDRL item DID-TR-01** must be submitted to Canada for review and approval.

4.2 Technical Maintenance Training

4.2.1 General

The objective of the Technical Maintenance Training Session is for the Contractor to give the participants detailed knowledge of the system structure and its equipment, manner of operation, and limitations to allow for the proper care and maintenance of the deliverables.

4.2.2 Class Size and Students

The Technical Maintenance Training Session will be attended by CCG Integrated Technical Services personnel. It is anticipated that each group will have 6 to 10 students.

4.2.3 Scheduling and Duration

The Technical Maintenance Training Session must be scheduled for normal business hours following commissioning of curtain boom at each delivery location, unless otherwise specified by Canada. The Technical Maintenance Training Session must be a distinct session from both the Commissioning (Section 3.3) and Operational Training Session (Section 4.3) of the equipment.

4.3 Operational Training

4.3.1 General

The objective of the Operational Training Session is for the Contractor to give the participants a working knowledge of the deliverables such as to allow for safe operation in normal vendor conditions.

4.3.2 Class Size and Students

The Operational Training Session will be attended by CCG Operational Personnel. It is anticipated that each group will have 6 to 10 students.

4.3.3 Scheduling and Duration

The Operational Training Session must be scheduled for normal business hours following the Technical Maintenance Training Session at the delivery location, unless otherwise specified by Canada. The Operational Training Session must be a distinct session from both the Commissioning (Section 3.3) and Technical Maintenance Training Session (Section 4.2) of the equipment.

4.4 Train-the-Trainer

The Contractor must provide Canada with an Instructor Manual as per **CDRL item DID-TR-02** for review and approval by Canada. The Instructor Manual must be written so as to enable participants of the training sessions to administer the Technical Maintenance Training and Operational Training in the future without additional Contractor support. The Contractor must also provide Canada with soft copies of all video training aids as specified in **DID-TR-02**."

Revision 9

In Annex B (Technical Statement of Requirements), replace Section 3.3.6.7 in its entirety with the following text:

"3.3.6.7 Each end of the webbing handles must be attached to opposite sides of the top tension member. The length of webbing and distance between the two attachment points must easily accommodate a gloved hand."

Revision 10

In Annex B (Technical Statement of Requirements), insert the following text:

"3.3.10 EQUIPMENT INSTRUCTIONS ILLUSTRATION

- 3.3.10.1. The Equipment Instructions Illustration must be supplied (as per DID-ILS-05) with all curtain boom deliveries (unless otherwise specified by Canada).
- 3.3.10.2. The Equipment Instructions Illustration for deploying the curtain boom package (including appropriate colour pictograms or illustrations) must be printed on a plasticized sheet.
- 3.3.10.3. Equipment Instructions Illustration for the curtain boom package must be written in both Canadian English and Canadian French.
- 3.3.10.4. The Equipment Instructions Illustration for deploying the curtain boom package must occupy a minimum area of one quarter of the total area of one front container door (regardless of whether or not a storage container is provided)."

Revision 11

In Annex B (Technical Statement of Requirements),
replace Section 3.6.3 (Instruction Placards) with the following text:

"3.6.3. INSTRUCTION PLACARDS

- 3.6.3.1. The Equipment Instructions Illustration for deploying the curtain boom package must be affixed to the inside of the front storage container doors.
- 3.6.3.2. The Equipment Instructions Illustration for deploying the curtain boom package must occupy a minimum area of one quarter of the total area of one front container door.
- 3.6.3.3. The Equipment Instructions Illustration for deploying the curtain boom package must be located within the upper half of the front container doors.
- 3.6.3.4. The method for fixing the Equipment Instructions Illustration to the door must allow them to be temporarily removed and replaced for training purposes."

Revision 12

In Schedule A (Basis of Payment), Article 3 (Required Goods and Services from Date of Contract to November 30, 2018),
replace the Item Description of Item #1 in its entirety with the following text:

"Curtain Boom

Supply and commission 1000 ft of Curtain Boom, and applicable DIDs: DID-SE-02, DID-SE-04, DID-IE-01, DID-ILS-05.

Note:

Connector type will be determined at the time of order by ordering the required quantities of Optional Item 13 and/or Optional Item 14."

Revision 13

In Schedule A (Basis of Payment), Article 4 (Optional Goods and/or Services),
replace the Item Description of Item #7's Item Description in its entirety with the following text:

"Curtain Boom

Supply and commission 1000 ft of Curtain Boom, and applicable DIDs: DID-SE-02, DID-SE-04, DID-IE-01, DID-ILS-05.

Note:

Connector type will be determined at the time of order by ordering the required quantities of Optional Item 13 and/or Optional Item 14."

Revision 14

In Schedule A (Basis of Payment), Article 3 (Required Goods and Services from Date of Contract to November 30, 2018), the Item Description of Item #3 identifies "Type 1CC" in the brief description. It should read "Type 1D". The Total QTY remains unchanged.

Replace the Item Description of Item #3 in its entirety with the following text:

"Storage Container (Type 1D) with Curtain Boom

Supply and commission a Type 1D Storage Container which includes a minimum of ten, 50 foot curtain boom sections loaded into the storage container and the remainder of 1000 ft of Curtain Boom not loaded into the storage container, and applicable DIDs: DID-SE-02, DID-SE-04, DID-IE-01.

Note:

Connector type will be determined at the time of order by ordering the required quantities of Optional Item 13 and/or Optional Item 14."

Revision 15

In Annex A (Statement of Work), Appendix 1 (Contract Data Requirements List), for DID-ILS-05 (Equipment Instructions Illustration):

- a. In the Final Hard Copy (H) column:
Replace "1" with "ASREQ"; and
- b. Replace the text in the REMARKS column in its entirety with the following text:
"CCG will provide comments on the Equipment Instructions Illustration and return it to the Contractor for revision and resubmission. The Contractor must provide a revised copy within two weeks. Following acceptance by Canada, the contractor must provide a hard copy with all curtain boom deliveries (unless otherwise specified by Canada), as indicated in Schedule A and Schedule B."

Revision 16

In Annex A (Statement of Work), Appendix 2 (Data Item Description), for DID-ILS-05 (Equipment Instructions Illustration):

Replace Section 5.2.1 in its entirety with the following text:

- "5.2.1 The document must meet the format specifications as described in the Technical Statement of Requirements (TSOR) Section 3.3.10 and 3.6.3 (as applicable). Soft copies must be provided in PDF format compatible with Adobe Reader XI."

Revision 17

Insert form PWGSC-TPSGC 450, Claim for Exchange Rate Adjustments, found on the following two pages,
as Annex D:

ANNEX D
CLAIM FOR EXCHANGE RATE ADJUSTMENTS
(if applicable)



Public Works and Government
Services Canada

PWGSC-TPSGC 450 (2016-06)

Instructions

Where:

i_0 = initial exchange rate (CAN\$ per unit of foreign currency [e.g. US\$1])

i_1 = exchange rate for adjustment purposes (CAN\$ per unit of foreign currency [e.g. US\$1])

Instructions to bidders:

1. Bidders must complete columns (1) to (4) at time of bidding, for each line item where they want to invoke the exchange rate fluctuation provisions.

2. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.

Instructions for Payment:

1. This form must be submitted with the invoice for payment with respect to all items with an FCC. Complete columns (1) through (7). Columns (8) and (9) will auto complete.

2. Suppliers should submit a separate calculation sheet for each invoice submitted showing the exchange rate adjustment for all line items with an FCC.

3. This form must be provided with all invoices where the exchange rate fluctuates more than 2% (increase or decrease), (i.e. $\text{abs}[(i_1 - i_0) / i_0] > .02$), unless otherwise stated in the contract.

Étant entendu que :

i_0 = Facteur de conversion du taux de change initial (\$ CA par unité de devise étrangère [p. ex. 1 \$ US])

i_1 = Taux de change aux fins du rajustement (\$ CA par unité de devise étrangère [p. ex. 1 \$ US])

Instructions aux soumissionnaires :

1. Les soumissionnaires doivent remplir les colonnes (1) à (4) au moment de présenter leur soumission, pour chacun des produits pour lesquels ils veulent se prévaloir des dispositions relatives à la fluctuation du taux de change.

2. Lorsque les soumissions sont évaluées en dollars canadiens, les montants en dollars indiqués dans la colonne (3) doivent également être en dollars canadiens, de sorte que le montant du rajustement soit indiqué dans la même devise que pour le paiement.

Instructions relatives au paiement :

1. Le présent formulaire doit accompagner la facture en vue du paiement pour chaque article comportant un montant en monnaie étrangère. Il faut remplir les colonnes (1) à (7). Les colonnes (8) et (9) seront remplies automatiquement.

2. Les fournisseurs doivent présenter une feuille de calcul séparée pour chaque facture et indiquer le rajustement du taux de change pour chaque article comportant un montant en monnaie étrangère.

3. Le présent formulaire doit accompagner toutes les factures pour lesquelles la fluctuation du taux de change est supérieure à 2% (augmentation ou diminution), (c. -à-d. $\text{abs}[(i_1 - i_0) / i_0] > .02$), à moins d'indication contraire dans le contrat.

Solicitation No.
F7047-160033/A

Amd. No.
001

Buyer ID
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Client Ref. No
F7047-160033

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.