

**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 0A1 / Noyau 0A1
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services 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, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux 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, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet REPLACEMENT COVERED HOPPER CARS	
Solicitation No. - N° de l'invitation 31184-147740/B	Date 2014-10-28
Client Reference No. - N° de référence du client 31184-147740	
GETS Reference No. - N° de référence de SEAG PW-\$\$HS-631-66003	
File No. - N° de dossier hs631.31184-147740	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-12-09	Time Zone Fuseau horaire Eastern Standard Time EST
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: Forcier, Dominic	Buyer Id - Id de l'acheteur hs631
Telephone No. - N° de téléphone (819) 956-3951 ()	FAX No. - N° de FAX (819) 956-5227
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Industrial Vehicles & Machinery Products Division
11 Laurier St./11, rue Laurier
7B1, Place du Portage, Phase III
Gatineau
Québec
K1A 0S5

Delivery Required - Livraison exigée See Herein	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 No. - N° de l'invitation

31184-147740/B

Amd. No. - N° de la modif.

File No. - N° du dossier

hs63131184-147740

Buyer ID - Id de l'acheteur

hs631

Client Ref. No. - N° de réf. du client

31184-147740

CCC No./N° CCC - FMS No/ N° VME

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This bid solicitation cancels and supersedes previous bid solicitation number 31184-147740/A dated 2014-07-09 with a closing of 2014-08-21 at 14:00.

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PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with this bid solicitation.

2. Requirement - Bid

The National Research Council-Automotive and Surface Transportation (NRC-AST) has a requirement to purchase three Covered Hopper Cars in accordance with Annex B – Statement of Requirement for Used Anvil Car String Purchase, dated 2014-10-15, and as described at Annex A - Pricing.

3. Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement, the Canada-Columbia Free Trade Agreement, the Canada-Peru Free Trade Agreement, the Canada-Panama Free Trade Agreement and the Agreement on Internal Trade.

4. Debriefings

Bidders may request a debriefing on the results of the bid solicitation. Bidders should make the request to the Contracting Authority within **fifteen (15)** working days of receipt of notification that their bid was unsuccessful. The debriefing may be provided in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual issued by Public Works and Government Services Canada (PWGSC).

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2014-09-25) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 05.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: Bids will remain open for acceptance for a period of not less than **sixty (60) days** from the closing date of the bid solicitation

Insert: Bids will remain open for acceptance for a period of not less than **ninety (90) calendar days** from the closing date of the bid solicitation

2. Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

3. Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications, Statement of Requirement contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least seven (7) calendar days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

4. Applicable Laws - Bid

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

5. Environmental Considerations

Canada is committed to greening its supply chain. In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to acquire products and services that have a lower impact on the environment than those traditionally acquired.

Environmental performance considerations include, among other things: the reduction of greenhouse gas emissions and air contaminants; improved energy and water efficiency; reduced waste and support reuse and recycling; the use of renewable resources; reduced hazardous waste; and reduced toxic and hazardous substances. In accordance with the Policy on Green Procurement, for this solicitation:

The successful bidder will be requested, after contract award, to provide all correspondence including (but not limited to) documents, reports and invoices in electronic format unless otherwise specified by the Contracting Authority, the Technical Authority or the Procurement Authority, thereby reducing printed material.

Bidders should recycle (shred) unneeded copies of non-classified/secure documents (taking into consideration the Security Requirements).

Product components used in performing the services should be recyclable and/or reusable, whenever possible.

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

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

First page of the Request for Proposal signed by the bidder or an authorized representative of the Bidder (1 signed copy)

Section I: Technical Bid (2 hard copy)

Section II: Financial Bid (1 hard copy)

Section III: Certifications (1 hard copy)

Section IV: Additional Information (1 hard copy)

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>).

To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

1. Pricing

Bidders must submit their bid in accordance with the Basis of Payment specified in Part 6.

Prices should appear in Annex A – Pricing only.

Bidders must submit firm prices, in Canadian dollars, Delivered Duty Paid at destination, Incoterms 2000, Canadian Custom Duties and Excise Taxes included where applicable and Applicable Taxes must be shown separately.

2. SACC Manual Clauses

2.1 Exchange Rate Fluctuation Risk Mitigation

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. 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 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.

Section III: Certifications

1. Certifications

Bidders must submit the certifications required under Part 5.

Section IV: Additional Information

1. Additional Information

Canada requests that bidders submit the following information:

1.1 Best Delivery Date - Bid

While delivery is requested by January 2015, the best delivery that could be offered is _____ weeks/calendar days from the effective date of the Contract.

1.2 Supplier's Representatives

Canada requests that Bidders provide information for the contact person responsible for:

General enquiries

Name:

Telephone No:

Facsimile No:

E-mail address:

Delivery follow-up

Name:

Telephone No:

Facsimile No:

E-mail address:

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

1.1 Mandatory Technical Evaluation Criteria

1.1.1 Mandatory Proof of Compliance

Bidders must submit, with their bid, all proof of compliance required in the Statement of Requirement and the Mandatory Technical Evaluation Criteria.

1.2 Mandatory Financial Evaluation Criteria

1.2.1 Bidders must provide with their bid all financial information requested in the bid solicitation and at Annex A – Pricing.

1.2.2 The prices of the bid must be in Canadian dollars, DDP Delivered Duty Paid at destination, Incoterms 2000, Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra.

2. Basis of Selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical and financial evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated aggregate price will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and associated information to be awarded a contract.

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default in carrying out any of its obligations under the Contract, if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority may render the bid non-responsive or constitute a default under the Contract.

1. Certifications Required Precedent to Contract Award

1.1 Integrity Provisions – Associated Information

By submitting a bid, the Bidder certifies that the Bidder and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Bid of Standard Instructions 2003. The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

1.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list (http://www.labour.gc.ca/eng/standards_eq/emp/fcp/list/inelig.shtml) available from Employment and Social Development Canada (ESDC) - Labour's website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

2. Additional Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive.

2.1 Product Conformance

The Bidder certifies that all vehicles/equipment proposed conform, and will continue to conform throughout the duration of the contract, to all technical specifications of the purchase description(s).

Title : Railway / Anvil car

This certification does not relieve the bid from meeting all mandatory technical evaluation criteria detailed in Part 4.

Bidder's authorized representative signature

Date

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement applicable to this Contract.

2. Requirement – Contract

The Contractor must deliver three Covered Hopper Cars in accordance with Annex B – Statement of Requirement for Used Anvil Car String Purchase, dated 2014-10-15 and as described at Annex A - Pricing.

2.1 Technical Changes, Substitutes and Alternatives

Any technical changes, equivalent products and alternatives proposed by the Contractor must be evaluated for acceptance by the Technical Authority. Any equivalent products and alternatives must be equivalent in form, fit, function and performance. Equivalent products and alternatives that are offered as equivalent will only be acceptable once they are approved by the Technical Authority as an equivalent. A contract amendment or a completed Design Change/Deviation form will be issued.

Should the Technical Authority not accept the equivalent product or the alternative and the Contractor is unable to meet the technical requirement, Canada may terminate the contract for default in accordance with the general conditions stated in the contract.

3. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual, (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada (PWGSC).

3.1 General Conditions

2010A (2014-09-25) General Conditions - Goods (Medium Complexity) apply to and form part of the Contract.

4. Term of Contract

4.1 Complete Delivery

Delivery of the vehicle/equipment must be made as follows:

Item 001 – Three Covered Hopper Cars and ancillary items, must be received within **(to be inserted by PWGSC)** _____ weeks/calendar days from the effective date of the contract

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Dominic Forcier

Supply Officer

Public Works and Government Services Canada

Acquisitions Branch

Logistics, Electrical, Fuel and Transportation Directorate
"HS" Division
Place du Portage, Phase III, 7B1
11 Laurier Street
Gatineau, QC K1A 0S5
Telephone: 819-956-3951
Facsimile: 819-956-5227
E-mail address: dominic.forcier@pwgsc-tpsgc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

5.2 Procurement Authority

The Procurement Authority for the contract is:

Name: **to be inserted by PWGSC**

DLP:

National Defence Headquarters
Mgen. George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Telephone:
Facsimile:
E-mail address:

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for the implementation of tools and processes required for the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

5.3 Technical Authority

The Technical Authority for the Contract is:

Name: **to be inserted by PWGSC**

National Defence Headquarters
Mgen. George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Telephone:
Facsimile:
E-mail address:

The Technical Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical

Authority; however, the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

5.4 Contractor's Representatives

General enquiries

Name: to be inserted by PWGSC

Telephone No:

Facsimile No:

E-mail address:

Delivery follow-up

Name: to be inserted by PWGSC

Telephone No:

Facsimile No:

E-mail address:

6. Payment

6.1 Basis of Payment - Firm Price

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm prices, in Canadian dollars, Delivered Duty Paid at destination, Incoterms 2000, Canadian Custom Duties, Excise Taxes included where applicable and Applicable Taxes extra.

6.2 SACC Manual Clauses

SACC Reference	Title	Date
C2000C	Taxes - Foreign-based Contractor	2007-11-30
C6000C	Limitation of Price	2011-05-16
H1001C	Multiple Payments	2008-05-12

6.3 Exchange Rate Fluctuation Adjustment

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, based on the FCC and the exchange rate fluctuation provisions in the contract. The exchange rate adjustment amount will be calculated in accordance with the following formula:

$$\text{Adjustment} = \text{FCC} \times \text{Qty} \times (i_1 - i_0) / i_0$$

where formula variables correspond to:

Title : Railway / Anvil car

FCC

Foreign Currency Component (per unit)

i_0

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

i_1


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


Qty

quantity of units

4. The initial exchange rate is typically set as the noon rate as published by the Bank of Canada on the solicitation closing date.

5. For goods, the exchange rate for adjustment will be the noon rate as published by the Bank of Canada on the date the goods were delivered. For services, the exchange rate for adjustment will be the noon rate on the last business day of the month for which the services were performed. For advance payments, the exchange rate for adjustment will be the noon rate on the date the payment was due. The most recent noon rate will be used for non-business days.

6. The Contractor must indicate the total exchange rate adjustment amount (either upward, downward or 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.

7. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease), calculated in accordance with column 8 of form PWGSC-TPSGC 450  (i.e. $[i_1 - i_0] / i_0$).

8. Canada reserves the right to audit any revision to costs and prices under this clause.

7. Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified on the invoice is completed.

2. The contractor is requested to provide invoices in electronic format to the Contracting Authority and Procurement Authority unless otherwise specified by the Contracting Authority or Procurement Authority, thereby reducing printed material.

3. Invoices must be distributed as follows:

(a) The original and one (1) copy must be forwarded to the consignee for acceptance and payment.

(b) One (1) copy must be forwarded or e-mail to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

(c) One (1) copy must be forwarded or e-mail to the Procurement Authority identified under the section entitled "Authorities" of the Contract.

8. Certifications

8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing associated information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

9. Applicable Laws - Contract

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

10. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list:

- (a) the Articles of Agreement;
- (b) 2010A (2014-09-25) General Conditions - Goods (Medium Complexity);
- (c) Annex A – Pricing
- (d) Annex B – Statement of Requirement for Used Anvil Car String Purchase, dated 2014-10-15;
- (e) the Contractor's bid dated **to be inserted by PWGSC**, as amended **to be inserted by PWGSC**.

11. SACC Manual Clauses

SACC Reference	Title	Date
A1009C	Work Site Access	2008-05-12
A9049C	Vehicle Safety	2011-05-16
G1005C	Insurance	2008-05-12

12. Inspection and Acceptance

The Technical Authority or his representative is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Requirement and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

13. Preparation for Delivery

1. The vehicle/equipment shall be serviced, adjusted and delivered in condition for immediate use. The interior and exterior must be cleaned before leaving the factory and being released to the inspection authority or consignee at the final delivery location.

2. All vehicles/equipment are to be delivered by appointment only. Any attempt by the carrier to deliver the vehicles/equipment without an appointment may be refused. When the carrier is required to return due to its failure to make an appointment for delivery, Canada will not be liable, to pay for any additional costs.

14. Shipping Instructions - Delivery and Destination

1. The Contractor must ship the goods prepaid DDP - Delivered Duty Paid (in accordance with Annex A - Pricing). Unless otherwise directed, delivery must be made by the most economical means. The Contractor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and Applicable Taxes.

2. The Contractor must deliver the goods to Ottawa, ON (via CN Network).by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the National Research Council-Automotive and Surface Transportation (NRC-AST) at the appropriate location shown below. The consignee may refuse shipments when prior arrangements have not been made.

National Research Council Canada
Bldg U89, 2320 Lester Rd
Uplands, Ottawa, Ontario, K1V 1S2
Attention: **to be inserted by PWGSC**

15. Environmental Considerations

Canada is committed to greening its supply chain. In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to acquire products and services that have a lower impact on the environment than those traditionally acquired. Environmental performance considerations include, among other things: the reduction of greenhouse gas emissions and air contaminants; improved energy and water efficiency; reduced waste and support reuse and recycling; the use of renewable resources; reduced hazardous waste; and reduced toxic and hazardous substances. In accordance with the Policy on Green Procurement:

The Contractor is requested to provide all correspondence including (but not limited to) documents and reports in electronic format unless otherwise specified by the Contracting Authority, the Technical Authority or the Procurement Authority, thereby reducing printed material.

The Contractor should recycle (shred) unneeded copies of non-classified/secure documents (taking into consideration the Security Requirements).

Product components used in performing the services should be recyclable and/or reusable, whenever possible.

ANNEX A - PRICING

Covered Hopper Cars

The Contractor must deliver three (3) Covered Hopper Cars and ancillary items, in accordance with the attached Annex B - Statement of Requirement for Used Anvil Car String Purchase, dated 2014-10-15.

The Covered Hopper Cars and ancillary items must be delivered to:

National Research Council Canada
Bldg U89, 2320 Lester Rd
Uplands, Ottawa, Ontario, K1V 1S2

The contact person at destination is: **(to be inserted by PWGSC)**.

Firm lot price of \$_____ per vehicle/equipment and ancillary items.

Manufacturer: **(to be inserted by PWGSC)** Model: **(to be inserted by PWGSC)**

Annex B

Statement of Requirement for Used Anvil Car String Purchase

Requirement:

The National Research Council-Automotive and Surface Transportation (NRC-AST) has a requirement for the purchase of three Covered Hopper Cars to replace the current aging cars. The three Covered Hopper Cars must be delivered to Ottawa, ON (via CN Network).

Background:

The Covered Hopper Cars will be used in an impact testing environment, meaning the cars will set up as an anvil car string at the bottom of a hill and collided with other rail car. The results of the impact tests will be used to provide knowledge and evidence-based procedures to assess the intended and unintended, positive and negative impacts with clients and partners. NRC offers clients and partners rail car testing, engineering and simulation solutions to rail car manufacturers, suppliers and regulators to obtain better, safer, more durable and more reliable rail cars and rail/track components.

Objectives:

The objective is to replace NRC-AST current anvil car string with three used rail cars that meet the minimum track worthy standards for CN rail. The minimum standard is required to ensure NRC can accept delivery of the cars. New cars will not be considered because of budgetary considerations. For illustration purposes only, below is a photo of one of the existing hopper cars. These cars have undergone major repairs over the years, and need to be replaced to better serve NRC-AST clients. The design of the requested CHC will be evaluated for acceptance by NRC.



TECHNICAL REQUIREMENTS – PROOF OF COMPLIANCE

The Contractor must supply structurally intact covered hopper cars with draft gears, yokes, couplers and complete trucks;

The Contractor must provide line drawings for each car;

The Contractor must provide photographs for each car;

The Contractor must provide two (2) trucks per car;

The coupler to coupler must have a maximum length of 60 feet;

The minimum capacity must be 2,000 cubic feet and a maximum capacity of 5,000 cubic feet;

The minimum gross rail load capacity must be 263,000 lb;

Each Covered Hopper Cars must have:

- an access ladders to roof and catwalks;
- working order hand and air brakes;
- working order hatches and gates;

The Contractor must provide Covered Hopper Cars that has not exceeded the maximum age of 45 years in service;

Contractor must meet the AAR requirements for movements in all respects for each Covered Hopper Cars;

Contractor must provide which couplers AAR Type they are providing;

Draft gears shall be AAR M-901E. Proof of Compliance must be provided for any equivalency.

Annex C
Mandatory Technical Evaluation Criteria for Used Anvil Car String Purchase

Requirement	Proof of Compliance	Bid Reference
The coupler to coupler maximum length of 60 feet;	The Bidder must provide the maximum length of each car.	
The minimum capacity 2,000 cubic feet and a maximum capacity of 5,000 cubic feet;	The Bidder must provide the minimum and maximum capacity of each car.	
The minimum gross rail load capacity of 263,000 lb;	The Bidder must provide the minimum gross rail load capacity.	
Covered Hopper years in service	The Bidder must provide the Covered Hopper years in service.	
Contractor must meet the AAR requirements for movements in all respects for each Covered Hopper Cars;	The Bidder must demonstrate that they meet the AAR requirements for movements in all respects for each Covered Hopper Cars	
Couplers AAR Type	The Bidder must provide the Couplers AAR Type.	
Draft gears AAR M-901E	The Bidder must provide the Draft gears Type.	
Line drawings for each cars	The Bidder must provide the line drawings for each car.	
Photographs for each cars	The Bidder must provide photographs for each car.	
Two (2) trucks per car	The Bidder must provide two (2) trucks per car.	

Additional Information

Length Between Truck Centers: (In feet and inches)	
Extreme Width: (In feet and inches)	
Extreme Height: (In feet and inches)	