



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Public Works Government Services Canada- Bid
Receiving / Réception des soumissions
189 Prince William Street
Room 405
Saint John
New Brunswick
E2L 2B9

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 Lift Trucks	
Solicitation No. - N° de l'invitation T2012-160016/A	Date 2016-08-08
Client Reference No. - N° de référence du client T2012-160016	
GETS Reference No. - N° de référence de SEAG PW-\$PWB-013-3933	
File No. - N° de dossier PWB-6-39064 (013)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-09-20	Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT
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: Johnston, Edward PWB	Buyer Id - Id de l'acheteur pwb013
Telephone No. - N° de téléphone (506) 636-4416 ()	FAX No. - N° de FAX (506) 636-4376
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF TRANSPORT HERITAGE CRT 95 FOUNDRY ST P.O.BOX 42 MONCTON New Brunswick E1C8K6 Canada	

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

Public Works Government Services Canada- Bid
Receiving / Réception des soumissions
189 Prince William Street
Room 405
Saint John
New Bruns
E2L 2B9

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

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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There are no security requirements associated with this bid solicitation

1.2 Requirement - Bid

The requirement is detailed under Article 6.2 of the resulting contract clauses.

(Derived from - Provenant de: B4008T, 2014/06/26)

1.3 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

2.1 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* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

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 (2016/04/04) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.2 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.

- a) Bids must be complete and submitted on prescribed tender form;
- (b) Include the tender call number/project number and description of proposed work;
- (c) Include the closing date and time;
- (d) Must be received prior to bid closing time and at the designated place and facsimile number - FACSIMILE NUMBER IS (506-636-4376).

NOTE: FACSIMILE BIDS

Only incorrect handling by the Department of Public Works and Government Services will excuse the delay of responses transmitted by facsimile. Misrouting, traffic volume, weather disturbances, or any cause for the late receipt of such responses are not acceptable.

**Bid Receiving
Public Works and Government Services Canada
Room 421
189 Prince William Street**

**Saint John, New Brunswick
E2L 2B9
FACSIMILE NUMBER – (506) 636-4376**

2.2.1 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work 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) days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

(Derived from - Provenant de: A9076T, 2007/05/25)

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Applicable Laws

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

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.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

Section I: Technical Bid (1 hard copy)
Section II: Financial Bid (1 hard copy)
Section III: Certifications (1 hard copy)

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

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) (<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.

The complete specifications and/or descriptive literature should be submitted with the proposal but may be submitted afterwards. If the complete specifications and/or descriptive literature are not submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet this requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment in Annex "B". The total amount of Applicable Taxes must be shown separately.

Section III: Certifications

Bidders must submit the certifications required under Part 5.

3.1.1 Exchange Rate Fluctuation

[C3011T](#) (2013/11/06), Exchange Rate Fluctuation

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 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.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Mandatory Technical Criteria as specified in Annex "A"

4.1.2 Financial Evaluation

SACC Manual Clause [A0220T](#) (2014/06/26), Evaluation of Price (*if applicable*)

4.2 Basis of Selection

SACC Reference	Section	Date
A0031T	Basis of Selection - Mandatory Technical Criteria	2010/08/16

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional 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 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 will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information 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 provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.1.1 Integrity Provisions – List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

5.1.2 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_equity/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.

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed annex [Federal Contractors Program for Employment Equity - Certification](#), before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

There is no security requirement applicable to this Contract.

6.2 Requirement - Contract

The Contractor must provide the items detailed under the "Specification" at Annex "A".

(Derived from - Provenant de: B4008C, 2014/06/26)

6.3 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.

6.3.1 General Conditions

[2010A](#) (2016/04/04), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received 120 days after Contract award.

(Derived from - Provenant de: A9022C, 2007/05/25)

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Edward Johnston
Title: Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch

Solicitation No. - N° de l'invitation
T2012-160016/A
Client Ref. No. - N° de réf. du client
T2012-160016

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
PWB013
CCC No./N° CCC - FMS No./N° VME

Address: 189 Prince William St
Saint John, New Brunswick
E2L 2B9

Telephone: (506) 636-4416
Facsimile: (506) 636-4376
E-mail address: Edward.johnston@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.

6.5.2 Project Authority

The Project Authority for the Contract is: *will be identified at contract award*

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone : _____
Facsimile: _____
E-mail address: _____

The Project 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 Project Authority, however the Project 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.

6.5.3 Contractor's Representative - Bidders are to provide the following information:

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: _____
Facsimile: _____
E-mail: _____

6.6 Payment

6.6.1 Basis of Payment - Firm Price

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm lot price, as specified in Annex B for a cost of \$ _____ (insert the amount of the contract award)

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

(Derived from - Provenant de: C0207C, 2013/04/25)

6.6.2 Limitation of Price

SACC Manual clause C6000C (2011/05/16) Limitation of Price

6.6.3 Terms of Payment

SACC Manual Clause H1000C (2008/05/12) Single Payment

6.7 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 in the invoice is completed.
2. Invoices must be distributed as follows:
 - (a) The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

(Derived from - Provenant de: H5001C, 2008/12/12)

6.8 Certifications

6.8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing additional 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 additional 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.

6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in **New Brunswick**

6.10 Priority of Documents

Solicitation No. - N° de l'invitation
T2012-160016/A
Client Ref. No. - N° de réf. du client
T2012-160016

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
PWB013
CCC No./N° CCC - FMS No./N° VME

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) the general conditions [2010A](#) (2016/04/04), General Conditions - Goods (Medium Complexity)
- (c) Annex A, Specification;
- (d) Annex B, Basis of Payment
- (e) the Contractor's bid dated _____

6.11 Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and Delivered Duty Paid (DDP) Incoterms 2010 to:

Quantity one (1) Lift Truck to:
Digby Ferry Terminal
170 Digby Ferry Road
Saint John, NB
E2M 0B2

Quantity one (1) Lift Truck to:
Wood Islands Ferry Terminal
23 Service Road
Wood Islands, PEI
C0A 1B0

(Derived from - Provenant de: D4001C, 2008/12/12)

Annex "A" Specification

1.0 SCOPE

- 1.1 Scope - Supply Transport Canada Programs the quantity of lift trucks as noted in the request for proposal. The requirement is for two (2) new vehicles. The lift trucks supplied are to be complete with all accessories customarily furnished and installed on these types of vehicles, whether specified herein or not, to enable the units to function reliably and efficiently under all conditions of service. All items noted in sections 1.0 through 6.14 of this specification are to be included in the base configuration, unless noted otherwise.

2.0 GENERAL REQUIREMENTS

- 2.1 Standard Requirements - The equipment supplied under this specification shall be the manufacturer's latest model standard commercial product and shall have demonstrated industry acceptance by having been manufactured, and sold in significant numbers to the commercial trade and shall have been proven in service for the application specified, for at least 1 year prior to the request for proposal; or in the case of a recently introduced item, the manufacturer shall submit sufficient valid operational and test data to demonstrate the acceptability of the equipment.
- 2.2 Overview - The lift trucks supplied under this specification shall be four wheel vehicles utilizing a liquefied petroleum gas (LPG) engine with a minimum 3629 kg (8000 lb) gross lifting capacity.
- 2.3 Operating Conditions - The lift trucks are required for year-round work at the Saint John and Wood Islands Ferry Terminals. The units supplied should be capable of satisfactory continuous operation when loaded to its rated capacities, in ambient temperatures ranging from 35 degrees Celsius to minus 30 degrees Celsius. They should be capable of operating at rated capacities for prolonged periods without deformation and/or failure of components.
- 2.4 Mandatory Items – Mandatory requirements are identified by "shall" or "must". Deviations will not be permitted.
- 2.5 Approved Equivalent - Requirements identified by "should" should be satisfied; however alternative means will be considered if the alternative feature or component is determined by Transport Canada to meet the requirements for form, fit function and performance, as applicable.

3.0 REGULATIONS AND STANDARDS

- 3.1 General – The vehicles/equipment shall conform to all applicable laws, regulations and industrial standards governing manufacture, safety, noise levels and pollution in effect in Canada at the time of manufacture. All standards and specifications referenced herein refer to the latest editions unless otherwise indicated.
- 3.2 CAN/CSA Standards – The vehicles supplied shall comply in all applicable respects with the Canadian Standards Association CAN/SCA-B335 Safety Standard for Lift Trucks.
- 3.3 Society of Automotive Engineers (SAE) – All notations in this specification indicating SAE refer to the most recent specification in effect or it's equivalent replacement specification in effect, by the Society of Automotive Engineers.

- 3.4 Noise Level – The vehicles/equipment noise levels shall meet the requirements of legislation relative to Canadian Occupational Safety and Health both at the operator's station and exterior to the vehicle.
- 3.5 Stability – Vehicles stability shall be in accordance with CSA B335.
- 4.0 **DELIVERY**
- 4.1 Pre-delivery - The pre-delivery service should be completed by the vehicle manufacturer's dealer. The dealer providing the pre-delivery service shall provide, upon request, all post delivery services, including normal maintenance, warranty, etc. The vehicles shall be lubricated and serviced with all associated products suitable for climatic conditions in Atlantic Canada.
- 4.2 Delivery Location – One unit shall be delivered to the Saint John Ferry Terminal in Saint John, NB and one unit shall be delivered to the Wood Islands Ferry Terminal in Wood Islands, PE.
- 4.3 Fuel – The vehicles shall be delivered to the final destinations with a minimum 75% full fuel tank.
- 4.4 Distance – The vehicles shall be delivered to the final destinations with a maximum of 10 hours on the hourmeter, unless prior approval is obtained from Transport Canada. The method of delivery shall be noted on the proposal.
- 4.5 Documentation – All necessary documentation should be provided to the consignee at the time and point of final delivery.
- 4.6 Inspection – The prime contractor is responsible to ensure that the vehicles are thoroughly tested, inspected and that all deviations are corrected prior to delivery. A final inspection shall be completed by the consignee at the time and point of delivery at the ferry terminals.
- 4.7 Acceptance Testing – Prior to acceptance, the vehicles must be complete and fully equipped as indicated in this specification and must be capable of passing all of the requirements of this specification.
- 5.0 **MANUALS AND WARRANTY**
- 5.1 Manuals – Provide a minimum of one copy paper and/or include electronic, if available, in English, of the manuals requested below, for each of the lift trucks delivered. The contract will not be considered complete and final payment will not be made until all manuals noted are received in new, original, unused condition.
- 5.2 Maintenance Manuals – Provide a minimum of one copy of the manufacturer's overall maintenance manuals for each of the lift trucks. The manuals should indicate the proper maintenance procedures for all component installations, and should include accurate schematics of the electrical systems and the hydraulic systems.
- 5.3 Parts Manuals – Provide a minimum of one copy of the parts manuals for each of the lift trucks. The parts manuals should list each of the individual component parts numbers, illustrated drawings and manufacturer's name, address and contact phone number.
- 5.4 Operators Manual – Provide a minimum of one copy of the operator's manual for each

vehicle.

5.5 Warranty – The lift trucks shall be covered by a full vehicle parts and labour warranty for a minimum of (12) twelve months from the date of each vehicle's inspection and acceptance testing as indicated in sections 4.6 and 4.7 of this specification.

5.6 Dealer – Specify the dealer responsible for performing any required warranty repairs.

6.0 **LIFT TRUCK SPECIFICATIONS**

6.1 Lift Truck Capacities

6.1.1 The lift trucks must have a minimum gross lifting capacity of 3629 kg (8000 lbs) at 600mm (24") load centre.

6.1.2 The lift trucks must be capable of lifting to a fork height of a minimum 3,050 mm (120 inches).

6.1.3 The forklift carrying the rated capacity load shall be capable of forward and reverse speeds of at least 9 km/h (5.6 mph)

6.2 Equipment

6.2.1 Mast

6.2.1.1 The vehicles shall be provided with a telescopic hydraulic vertical mast having a minimum 6 degree forward tilt capacity and minimum 10 degree backward tilt capacity. These tilt capacities are measured from the mast, vertical straight up position.

6.2.1.2 The mast shall provide the operator a clear view of the fork-tips when the forks are on the ground level and the mast is in the vertical, straight up position.

6.2.2 Forks - The vehicles shall be provided with forks having a minimum length of 1,220 mm (48 inches).

6.2.3 Backrest – The vehicles should be provided with a standard load backrest having a nominal height of 1,219 mm (48 inches).

6.2.4 Side Shifter with Fork Positioning

6.2.4.1 The vehicles shall be provided with an integrated fork positioning side shifter attachment that allows the operator, from the operation station, to increase and decrease the spacing between the unloaded forks as well as side shifting the fully loaded forks simultaneously to either side of the centre of the carriage.

6.2.4.2 The attachment controls should be permanently mounted in the lift truck cabs within easy reach of the operator seated position.

6.2.4.3 The sideshift attachments shall be of a design to be compatible with and capable of the same or higher load capacities as the lift trucks supplied in this contract.

6.2.4.4 The vehicles shall have a side shift of at least 100 mm (4 inches)

6.2.5 Fire Extinguisher

6.2.5.1 The vehicles shall be provided with at least one 2.2kg (4.85 lb nominal) portable, low temperature rated fire extinguisher having a minimum ULC rating of @A-10BC (NSN 4210-21-871-9134).

6.2.5.2 The fire extinguishers shall be installed such that it does not interfere with the operation of the vehicle or the view of the operator and is readily accessible to the operator.

6.2.6 Controls

6.2.6.1 The vehicles shall be provided with a joystick control system to operate all mast functions.

6.2.6.2 The units shall be equipped with a safety system that will disable the load-handling controls and brings the vehicle to a complete stop if the operator leaves the seat or becomes incapacitated.

6.2.6.3 The vehicles shall be provided with a system to ensure that the engine can only be started with all controls in their neutral position.

6.3 Engine

6.3.1 The vehicles shall be powered by a minimum 65 kW (87HP) LPG engine.

6.3.2 A LPG fuel tank shall be mounted on each of the vehicles. They should be mounted horizontally and shall have a safety guard, quick release clamps and quick connect couplings. Each vehicle shall be provided with two spare tanks. All tanks shall be shipped empty.

6.3.3 Engine components should include a catalytic converter and closed loop control system for reduction of emissions.

6.3.4 The engines should be equipped with a replaceable, full flow type oil filter.

6.3.5 The engines should utilize a replaceable, full flow type fuel filter.

6.3.6 The engines should be equipped with a replaceable air filter.

6.3.7 The engine radiator and cooling systems should be supplied with coolant rated for protection to a minimum of minus 40 degrees Celsius.

6.3.8 The lift trucks should be equipped with instrument panel engine oil pressure and temperature gauges or warning lights and coolant temperature gauges or warning lights.

6.4 Transmission

6.4.1 The lift trucks shall be equipped with a powershift type transmission.

6.4.2 The transmission system shall be provided with an inching control or equivalent that allows the operator to perform fork functions while the vehicle

is travelling at low speeds.

6.5 Brakes

6.5.1 The lift trucks shall be equipped with foot pedal operated, power assisted brakes on the drive wheels.

6.5.2 The lift truck must be equipped with an independent parking brake.

6.6 Steering

6.6.1 The lift trucks must be equipped with power assisted steering and shall have emergency steer capability in the event of a loss of power.

6.7 Wheels and Tires

6.7.1 The lift trucks must be equipped with pneumatic tires suited for the wheels supplied.

6.7.2 The lift trucks must be equipped with wheels and tires rated for the intended imposed loads and operating conditions.

6.8 Electrical

6.8.1 The lift trucks should be equipped with a maintenance free battery. The battery rating shall be sufficient to meet the vehicle's total electrical requirements in the operating conditions indicated in section 2.3 of this specification.

6.8.2 The lift trucks must be equipped with a back-up alarm having a minimum of 97 dB(A) as per SAE J-994, type "C".

6.8.3 The lift trucks shall be equipped with a cab top mounted, amber strobe light complete with an instrument panel mounted on-off switch with appropriate identification.

6.8.4 The vehicles shall be provided with a red strobe light mounted on the rear of the vehicle that is activated when the vehicle's transmission is in reverse.

6.8.5 The lift trucks shall be equipped with front and rear work lights, and instrument panel illumination.

6.8.6 The lift trucks must be equipped with an electric horn.

6.8.7 The lift trucks should be equipped with an hour meter configured to record engine running hours.

6.8.8 The lift trucks' entire electrical system shall be protected from the elements. All wiring connections shall be either soldered or approved connectors. All wiring shall be colour coded.

6.9 Operator Area/Cab

6.9.1 The vehicles shall be provided with a Falling Object Protective Structure (FOPS) cab system

- 6.9.2 The cabs shall be fully enclosed pressurized, weatherproof, insulated and sound-proofed.
- 6.9.3 The cabs shall have a heating, ventilating and defrosting system capable of keeping windows free from frost and moisture.
- 6.9.4 The cabs shall be provided with automotive standard safety glass in all windows.
- 6.9.5 The cabs shall be provided with an electrically power actuated windshield wiper and washer system for the front and rear windows.
- 6.9.6 The cabs shall be provided with two lockable doors, or one door and no less than one visibly labelled window as an emergency escape route.
- 6.9.7 The lift trucks shall be equipped with adequate non-slip steps and handholds to permit easy access and exit to and from the cab without hazard to the operator.
- 6.9.8 The lift trucks shall be equipped with non-slip surfaces on the cab floor and operator foot pedals.
- 6.9.9 In addition to instrumentation indicated in other of this specification's sections, the operator area should be equipped with a fuel gauge or low fuel warning light and a voltmeter or voltage warning light.
- 6.9.10 All instrumentation, switches, gauges and controls should be clearly marked in English, or ISO identification. All labels should be permanently affixed.
- 6.9.11 The cab should be equipped with an operator adjustable suspension seat. The seat should have the best level of comfort and the maximum adjustments optionally available for the vehicle. The seat shall be equipped with approved seatbelts.
- 6.9.12 The cabs shall be provided with adjustable rear-view mirrors positioned for safe reverse operation.
- 6.10 Guards and Shields
 - 6.10.1 The lift trucks should be equipped with fenders or integrated body panels over all wheels.
 - 6.10.2 The lift trucks should be equipped with hinged or removable panels to allow easy access to the engine and drive components for maintenance and service.
 - 6.10.3 The lift trucks should be equipped with heavy duty radiator guards or bumpers.
 - 6.10.4 The lift trucks should be equipped with efficient and durable guards or shields where necessary to ensure maximum safety when operating and servicing the vehicle.
- 6.11 Hydraulic System

- 6.11.1 The hydraulic systems of the lift trucks shall include adequate oil capacity, filtration (with replaceable filters), pressure control devices, relief devices and all other equipment necessary to ensure the safe and satisfactory operation of the hydraulics.
- 6.11.2 The vehicles shall operate with non-proprietary, lubricants and hydraulic fluids.
- 6.11.3 All hydraulic hoses shall be secured and be protected from damage as a result of vibration and chaffing. The hydraulic hoses shall comply with SAE standards for the operating conditions specified herein and must be able to remain flexible to minus 35 degrees Celsius.
- 6.12 Painting
 - 6.12.1 The lift trucks and supplied extra equipment shall be painted to the original manufacturer's colours, methods and standards. Paint removed or damaged by vehicle modifications or installations shall be prepared, primed, and repainted to match adjacent surfaces and shall be applied according to the paint manufacturer's specification. A minimum two year warranty shall be provided for paint that is not factory installed
- 6.13 Instruction Identification
 - 6.13.1 The lift truck should be supplied with permanently installed ISO or written instructions, diagrams and warning plates, where required to ensure maximum safety and efficient operation and servicing.
- 6.14 Diagnostics
 - 6.14.1 The lift truck should be supplied with any diagnostic peripherals associated with the vehicle engine, including any documentation, cartridges, CDs and cables available that work with diagnostic engine scan equipment.

Solicitation No. - N° de l'invitation
T2012-160016/A
Client Ref. No. - N° de réf. du client
T2012-160016

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
PWB013
CCC No./N° CCC - FMS No./N° VME

Annex "B"

Basis of Payment

Prices are firm, all inclusive in Canadian funds, DDP destination and delivery included. Customs duties are included and applicable taxes are extra.

Description	Unit of Issue	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Price (CAD) (EQ) + (PU)
Supply two (2) lift trucks as per Annex "A"- Specification. The supplied lift trucks are to be complete with all accessories customarily furnished and installed on these types of vehicles, whether specified herein or not, to enable the units to function reliably and efficiently under all conditions of service.	Each	2		
Shipping and Handling of one (1) lift truck to the Ferry Terminal in Saint John, NB Address: 170 Digby Ferry Rd, Saint John NB E2M 0B2				
Shipping and Handling of one (1) lift truck to the Ferry Terminal in Wood Islands, PEI Address: 23 Service Road, Wood Islands, Prince Edward Island C0A 1B0				
			<u>Total Amount</u> <u>(Excluding GST/HST)</u>	

