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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

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

Title - Sujet STOCK-PICKER FORKLIFT TRUCKS		
Solicitation No. - N° de l'invitation W8476-134062/A		Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client W8476-134062		Date 2013-01-07
GETS Reference No. - N° de référence de SEAG PW-\$\$HS-600-61648		
File No. - N° de dossier hs600.W8476-134062	CCC No./N° CCC - FMS No./N° VME	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-01-28		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: Dempsey, Janet		Buyer Id - Id de l'acheteur hs600
Telephone No. - N° de téléphone (613) 614-7569 ()		FAX No. - N° de FAX (819) 956-5227
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

The purpose of this amendment is to include questions and answers, modify the Request for Proposal and provide the revised Purchase Description for Electric Motor Driven Stock-Picker Forklift Trucks dated 19 December 2012.

Questions and Answers

Question 1:

I had a question regarding this tender as follows: Under 1.4 Requirements Summary Table, Under Lift Height, Configuration B, is it acceptable to have a 240" lift height instead of a 246" lift height?

Answer 1:

No - a lift height of 240 inches will not be acceptable for configuration B. A lift height of 288 inches is required for this configuration.

Question 2:

Under 1.4 Requirements Summary Table, Configuration B:

Is a net capacity of 3000 pounds at 228" lift height sufficient OR Is a net capacity of 2400 pounds at 246" lift height sufficient for this application?

Answer 2:

No - a net capacity of 3,000 lbs up to a lift height of 240 inches is required for configuration B.

Question 3:

Could you please advise information for solicitation W8476-134062/A

Purchase Description Page 4 of 12 Lift Height 3.4.2 (b) Config"B"

Please advise if a lift height of 240 inches would be acceptable

Answer 3:

No - a lift height of 240 inches will not be acceptable for configuration B. A lift height of 288 inches is required for this configuration.

Question 4:

Purchase Description Page 4 of 12 Collapsed Height 3.4.2 (c)- Config"B"

Please advise if a collapsed height of 107 inches would be acceptable

Answer 4:

Yes - a collapsed height of 107 inches would be acceptable for configuration B.

Request for Proposal**At Solicitation No. W8476-134062/A, page 4 of 33, Part 1, Paragraph 2. Summary:****Delete:**

Purchase Description for Electric Motor Driven Stock-Picker Forklift Trucks dated 7 November 2012.

Insert:

Purchase Description for Electric Motor Driven Stock-Picker Forklift Trucks dated 19 December 2012.

At Solicitation No. W8476-134062/A, page 19 of 33, Part 7, Paragraph 1. Requirement:**Delete:**

Purchase Description for Electric Motor Driven Stock-Picker Forklift Trucks dated 7 November 2012.

Insert:

Purchase Description for Electric Motor Driven Stock-Picker Forklift Trucks dated 19 December 2012.

At Solicitation No. W8476-134062/A, page 26 of 33, Part 7, Paragraph 10. Priority of Documents (d):**Delete:**

Purchase Description for Electric Motor Driven Stock-Picker Forklift Trucks dated 7 November 2012.

Insert:

Purchase Description for Electric Motor Driven Stock-Picker Forklift Trucks dated 19 December 2012.

At Solicitation No. W8476-134062/A, pages 32 and 33, ANNEX A - PRICING, Item 001 - Electric Motor Driven Stock-Picker Forklift Trucks (Firm Quantity), Item 002 - Electric Motor Driven Stock-Picker Forklift Trucks (Optional Quantity) and Item 003 - Familiarization Instruction/Training (Option):

Delete:

attached Purchase Description for Electric Motor Driven Stock-Picker Forklift Trucks dated 7 November 2012.

Insert:

attached Purchase Description for Electric Motor Driven Stock-Picker Forklift Trucks dated 19 December 2012.

Purchase Description

Delete:

Purchase Description (PD) for Electric Motor Driven Stock-Picker Forklift Trucks dated 7 November 2012 in its entirety.

Insert:

Purchase Description (PD) for Electric Motor Driven Stock-Picker Forklift Trucks dated 19 December 2012 (attached).



The Canadian Forces Material Handling Equipment
Purchase Description (PD) for Electric Motor Driven
Stock-picker Forklift Trucks

19 December 2012

OPI: DSVPM 4/DAPVS 4
National Defence Headquarters
Major General George R. Pearkes Building
Ottawa, Ontario
K1A 0K2

Issued on Authority of the Chief of the Defence Staff
Publiée avec l'autorisation du Chef d'état-major de la Défense

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1. SCOPE

1.1 **Scope** - This purchase description covers the requirements for an electric motor driven, stockpicker forklift truck.

1.2 **Instructions** - The following instructions apply to this Purchase Description:

- (a) Requirements, which are identified by the word "**shall**", are mandatory. Deviations will not be permitted;
- (b) Requirements identified by "shall(E)" are mandatory. The Technical Authority will consider substitutes/alternatives for acceptance as an Equivalent;
- (c) Requirements identified with a "will" define actions to be performed by Canada and require no action/obligation on the Contractor's part;
- (d) Where "**shall**", "**shall**^(E)", or "will" are not used, the information provided is for guidance only;
- (e) In this document "provided" **shall** mean "provided and installed";
- (f) Where technical certification is required, a copy of the certification or an acceptable proof of compliance **shall** be provided upon request;
- (g) Metric measurements **shall** be used to define the requirement. Other measurements are for reference only and may not be exact conversions; and
- (h) Dimensions stated as nominal **shall** be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but which differ from the actual dimensions.

1.3 **Definitions** - The following definitions apply to the interpretation of this Purchase Description:

- (a) "Technical Authority" - The government official responsible for technical content of this requirement;
- (b) "Equivalent" - A standard, means, or component type,

which has been accepted by the Technical Authority as meeting the specified requirements for form, fit, function and performance; and

- (c) "Proof of Compliance" - A document such as a brochure, a third party test report, a report generated by third party software, or a certificate of attestation (as a separate document) signed by a senior representative of the Original Equipment Manufacturer (such as a certified engineer) clearly indicating the performance and/or feature specified.

1.4 Requirements Summary Table - Vehicles covered by this Purchase Description are represented as configurations. The following table shows required performance and dimensions by configuration with a clause reference.

CHARACTERISTIC	CLAUSE	UNITS	CONFIGURATION		
			A	B	C
RATED LOAD CAPACITY	3.4.2(a)	kg	1.361	1.361	
		lbs	3.000	3.000	
LIFT HEIGHT	3.4.2(b)	mm	5.486	7.315	
		inches	216	288	
COLLAPSED HEIGHT	3.4.2(c)	mm	3.022	3.225	
		inches	119	127	
"E" SAFETY RATING	3.3.3		✓	✓	
HEIGHT LIMITER	3.5.1(d)			✓	
OPERATOR HARNESS RETRACTOR	3.6(f)		✓	✓	
FULL BODY HARNESS	3.6(g)		✓	✓	
BATTERY CAPACITY	3.15(a)	kWh	20	20	
CHARGER 550 V, 3 PHASE	3.15(c)		✓	✓	
INITIAL PARTS KIT	4.1.1(c)		✓	✓	
TRAINING	4.2		✓	✓	

2. APPLICABLE DOCUMENTS

2.1 Government Furnished Documents - NOT APPLICABLE

2.2 Other Publications - The following documents form part of this Purchase Description. Web sites for the organization are given when available. Effective documents are those in effect on date of manufacture. Sources are as shown:

B335 Safety Standards for Powered Industrial Trucks

Canadian Standards Association (CSA)

178 Rexdale Blvd.

Rexdale, Ontario, M9W 1R3

<http://www.csa.ca/Default.asp?language=English>

UL 583 Standards for Safety, Electric Battery Powered Industrial Trucks

Underwriters' Laboratories of Canada

7 Crouse Road, Scarborough, Ontario, M1R 3A9

<http://www.ulc.ca/>

3. REQUIREMENTS

3.1 Standard Design - The vehicle/equipment *shall*:

- (a) Be the latest model from a manufacturer who has demonstrated acceptability by manufacturing and selling this type and size class of vehicle for at least 1 year;
- (b) Have engineering certification available, upon demand, for this application from the original manufacturers of major equipment systems and assemblies;
- (c) 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; and
- (d) Have system and component capacities not greater than their published ratings (i.e. product or component brochures) or accompanied by proof of compliance.

3.2 Operating Conditions

3.2.1 Weather - The vehicle/equipment *shall* operate under temperatures ranging from 0 to 40° C (32 to 104° F).

3.2.2 Terrain - The forklift *shall* be capable of being operated on use-roughened concrete floors while being used stacking, unstacking and moving general supplies in warehouses.

3.3 Safety Standards

3.3.1 Stability - Vehicle stability *shall*^(E) be in accordance with CSA B335.

3.3.2 **Hazardous Materials** - The contractor **shall** minimize the use of hazardous materials, ozone depleting substances, polychlorinated biphenyls, asbestos and heavy metals used in the fabrication of the product supplied. Items considered as hazardous materials **shall** be those given in the Hazardous Products Acts - R.S.C 1995 c. H-3. The contractor **shall** provide Material Safety Data Sheets to the Technical Authority of all the above substances used in the fabrication of the product supplied.

3.3.3 **"E" Rating** - The vehicle/equipment **shall** be manufactured to meet the requirements of an "E" Rating in accordance with Standard UL 583.

3.4 **Performance** - Proof of Compliances for vehicle and forklift performances **shall** be provided.

3.4.1 **Vehicle Performance** - The forklift **shall** have forward and reverse speed of no less than 8 km/h (5 mph) with automatic controls that restrict travel speeds to safe levels dependent on platform/load height.

3.4.2 **Forklift Performance** - The forklift equipped with the standard mast but without optional equipment or features **shall** have:

- (a) A rated load capacity of no less than that given as "RATED LOAD CAPACITY" in the Requirements Summary Table at a load centre of no less than 610 mm (24 inches). The load capacity **shall** not de-rate to below specified rated load capacity before a lift height of 4,572 mm (180 inches) for configuration A and 6,096 mm (240 inches) for configuration B;
- (b) A lift height (measured from the ground to the top of the forks) of no less than that given as "LIFT HEIGHT" in the Requirements Summary Table. The load capacity at this "LIFT HEIGHT" **shall** be at least 454 kg (1,000 lbs); and
- (c) An overall vehicle height of no more than that given as "COLLAPSED HEIGHT" in the Requirements Summary Table with the mast completely collapsed and in vertical position.

3.4.3 **Maneuverability** - The forklift **shall**;

-
- (a) Be capable of operating in a 1371 mm (54-inch) wide aisle having at least 127 mm (5-inch) clearance on each side; and
 - (b) Be capable of operating with an existing magnetic wire guide system with a line frequency of 5.25-6.25 kHz range.

3.5 Equipment

3.5.1 Application Equipment - Equipment/features below **shall** be provided:

- (a) Mast - A wide, see-through, telescopic hydraulic mast;
- (b) Forks - Forks having a nominal length of 1016 mm (40 inches) or 1066 mm (42 inches) beyond the edge of the platform;
- (c) Pallet Clamp - The pallet clamp **shall** be flush with the top of the forks; and
- (d) Height Limiter - A height limiting system that restricts the height of lift. The system **shall** allow for the adjustment of the height limits. The height that the limiter stops the lift **shall** be at 6,096 mm (240 inches). An over-ride switch is required.

3.6 Operator Station - The operator station **shall** be a man-up style. The Operator Station **shall** include:

- (a) An Operator Platform no less than 990 mm (39 in) wide, and 660 mm (26 in) long;
- (b) Retractable side gates;
- (c) An overhead guard and an anti-fatigue floor mat;
- (d) Overhead lights, fans and a document storage pocket;
- (e) A CSA approved operator safety belt and tether. The tether **shall** be secured to the vehicle with a device preventing twisting and tangling;
- (f) A retractor for self-coiling the harness tether strap;

and

(g) A full body harness type, in lieu of the standard belt type harness.

3.7 **Chassis** - The vehicle chassis **shall** be the manufacturers standard for a vehicle of this type and size.

3.8 **Motors** - The forklift vehicle's electric motors **shall** be manufacturer's standard.

3.9 **Drive Unit** - The vehicle **shall** be equipped with a manufacturer's standard drive unit.

3.10 **Brake System** - The vehicle **shall** be equipped with manufacturer's standard braking system, which **shall**^(E) conform to CSA B335.

3.11 **Steering** - The vehicle **shall** be equipped with manufacturer's standard steering system, which **shall**^(E) conform to with CSA B335.

3.12 **Wheels, Rims and Tires** - The wheels, tires and rims **shall** be the manufacturer's standard.

3.13 **Controls** - The vehicle **shall** have the manufacturer's standard controls including a throttle control for right foot operation.

3.13.1 **Additional Controls** - Following additional controls **shall** be provided:

(a) **End of Aisle Slow Down** - A automatic end of aisle slow down for the existing floor wiring installation.

3.14 **Instruments** - Manufacturer's standard instruments which **shall** include an hour-meter with numerical read-out which records accumulated running time up to 9,999 hours and a battery state-of-charge indicator with lift interrupt.

3.15 **Electrical System** - The electrical system **shall**:

(a) Have a minimum battery capacity as given as "**BATTERY CAPACITY**" in the Requirements Summary Table. Batteries **shall** have a nominal voltage of at least 24 volts;

-
- (b) Have battery connectors colour coded to indicate the polarity;
 - (c) Have a CSA approved, fully automatic constant voltage heavy-duty type battery charger capable of charging the forklift batteries from a 550 volt, three phase, 60Hz power source;
 - (d) **Back-Up Alarm System** - A back-up alarm system to alert personnel that the vehicle is in back-up mode; and
 - (e) Have battery compartment rollers.
- 3.16 **Lighting** - The vehicle lighting **shall** be the manufacturer's standard. The vehicle lighting **shall** include:
- (a) **Working Lights** - Lights illuminating the front and rear working areas for operations in dark locations; and
 - (b) **Reverse Movement Strobe Light** - An amber strobe light mounted on the rear of the forklift, which is activated when the vehicle travels in reverse.
- 3.17 **Hydraulic System** - The hydraulic system **shall** be the manufacturer's standard complete with all components required for the operation of the hydraulic equipment specified.
- 3.18 **Lubricants and Hydraulic Fluids** - The vehicle **shall** be serviced with standard, non-proprietary lubricants and hydraulic fluids.
- 3.19 **Paint** - The vehicle **shall** be painted using manufacturer's standard commercial colours. The prime coating **shall** be a high-durability, corrosion-resistant type. The prime coating **shall**^(E) be epoxy type or baked powder coat.
- 3.20 **Identification** - The following information **shall** be permanently marked in a conspicuous and protected location:
- (a) Manufacturer's name, model and serial number; and
 - (b) Manufacturer's Vehicle Identification Number (VIN), where applicable.
4. **Integrated Logistic Support** - The Contractor is required to ensure that spare parts required to properly maintain and

repair vehicles are available for purchase for a period of 15 years.

4.1 Documentation and Support Items - The Contractor **shall** provide the following documentation and support items.

4.1.1 Items with Each Vehicle - The Contractor **shall** provide the following items with each vehicle:

- (a) **Vehicle Manuals** - Manuals required for safe operation, maintenance and repair of the vehicle. It is preferred that complete sets of manuals are provided on CD/DVD-ROM (without password(s), special installation requirements or requiring an Internet connection). The Vehicle Manuals **shall** include:
 - i **Operator's Manuals** - Operator's manuals in a bilingual format or as 2 manuals in a single binder (one English, and one French). An Operator's Manual in paper format **shall** always be provided with each vehicle;
 - ii **Parts Manuals** - The Parts Manuals in English (French translation is desirable);
 - iii **Maintenance (Shop Repair) Manuals** - The Maintenance (Shop Repair) Manual in English (French translation is desirable); and
 - iv **Sample Manuals** - A set of Sample Manuals, including all of the above manuals. The sample manuals **shall** be delivered to the Technical Authority 30 working days before delivery of vehicles. Sample manuals will not be returned. The Technical Authority will provide manual approval or comments within 15 days.
- (b) **Warranty Letter** - A paper copy of the completed bilingual Warranty Letter with each vehicle shipped in the approved format. The Contractor **shall** send a copy of the Warranty Letter, in electronic format, to the Technical Authority for each vehicle, at shipment. Designated warranty providers **shall** honor the warranty letter.
- (c) **Initial Parts Kit** - One Initial Parts Kit accompanying each vehicle/ equipment. Each Initial Parts Kit **shall**

include a complete set of filters and filter elements from the Original Equipment Manufacturer.

4.1.2 Documents Provided to Technical Authority - The Contractor **shall** provide the following documents to the Technical Authority:

- (a) **Data Summary** - A bilingual Data Summary for each make/model/ configuration by completing Technical Authority's template with data and a vehicle picture. The Contractor **shall** provide a Data Summary, preferably before shipment of vehicles;
- (b) **Photographs** - Two (2) digital pictures, one left-front three-quarter view, and one right-rear three-quarter view of each make/model/ configuration. It is preferred that pictures have an uncluttered background. Pictures **shall** have a size of at least 10 Mega pixels; and
- (c) **Preventive Maintenance Replacement Parts Kit List** - A list of parts needed to perform preventive maintenance on a vehicle/equipment. The list **shall** include the parts provided in the Initial Parts Kit and additional items recommended by the Original Equipment Manufacturer for review and acceptance by the Technical Authority. The list **shall** include the following elements:
 - i Part description;
 - ii Original Equipment Manufacturer Part number;
 - iii Suggested quantity; and
 - iv Unit cost.

4.2 Training - When indicated in the Requirements Summary Table, the Contractor **shall** provide the following training:

- (a) **Familiarization** - At least 1-day (8 hours) familiarization instruction at each destination, for a maximum of 8 personnel, no later than one month after delivery of each vehicle. The instruction **shall** include the detailed operation and normal servicing of the vehicle/equipment and **shall** be split into two - four (4) hour segments for operator familiarization and maintainer familiarization. Familiarization instructions **shall** be available in both official languages for destinations in the province of Quebec or as requested by the Technical Authority. The final dates **shall** be arranged with the Technical Authority. After completion of the

familiarization session, the Contractor **shall** have a "PROOF OF FAMILIARIZATION INSTRUCTION" certificate signed by the consignee. The Technical Authority will supply this document in an electronic format, when requested.

5. **Vehicle Delivery Condition** - The vehicle **shall** be delivered to destination in a fully operational condition (serviced and adjusted) and both the interior and exterior **shall** be cleaned. If the vehicle requires assembly at destination, the Contractor **shall** be responsible for all manpower and equipment to perform assembly. The consignee will provide the area required for assembly. For shipment verification, all items such as wheel wrenches, jacks, and all other tools, equipment and accessories, which are shipped loose with the equipment, **shall** be listed on the shipping certificate or to an attached packing note.