

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Travaux publics et Services gouvernementaux  
Canada  
Place Bonaventure, portail Sud-Est  
800, rue de La Gauchetière Ouest  
7<sup>ème</sup> étage  
Montréal  
Québec  
H5A 1L6  
FAX pour soumissions: (514) 496-3822

**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**  
Travaux publics et Services gouvernementaux Canada  
Place Bonaventure, portail Sud-Est  
800, rue de La Gauchetière Ouest  
7<sup>ème</sup> étage  
Montréal  
Québec  
H5A 1L6

<b>Title - Sujet</b> Starter Tester	
<b>Solicitation No. - N° de l'invitation</b> W1985-115423/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> W1985-11-5423	<b>Date</b> 2012-05-11
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$MTA-380-12033	
<b>File No. - N° de dossier</b> MTA-1-34255 (380)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2012-06-26</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Robichaud, Louis-G. a.	<b>Buyer Id - Id de l'acheteur</b> mta380
<b>Telephone No. - N° de téléphone</b> (514) 496-3842 ( )	<b>FAX No. - N° de FAX</b> (514) 496-3822
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

Instructions: See Herein

Instructions: Voir aux présentes

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation

W1985-115423/A

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

W1985-11-5423

Amd. No. - N° de la modif.

001

File No. - N° du dossier

MTA-1-34255

Buyer ID - Id de l'acheteur

mta380

CCC No./N° CCC - FMS No/ N° VME

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Please note the English version of the Annex has been added.

## ANNEX A

### Starter Tester

#### Aim

- 1.0 202 Workshop Depot requires a computerized Starter Tester. This document outlines the technical specifications for the purchase of this machine.

Supplier : \_\_\_\_\_

Manufacturer : \_\_\_\_\_

Proposed brand : \_\_\_\_\_

Proposed Model : \_\_\_\_\_

#### **The Technical Specifications**

The equipment has to meet the following basic needs :

**NOTE : Important : You have to provide the technical / descriptive documents from the original manufacturer of the product that you are offering to allow technical evaluation. Failure to comply will render your bid non responsive. Modification to the original product must be identified and justified with the manufacturer brochure.**

#### Technical Specifications :

Description	Documentation reference
2.0 The Computerized Starter Tester must meet the following elements :	
2.1 Maximum Torque : 600 Nm	
2.2 Maximum Voltage : 24V	
2.3 Maximum Starter Current : Up to 4200 Amps	
2.4 Maximum Solenoid Current : Up to 250 Amps	
2.5 Maximum Armature Free Run Speed : From 1000 up to 20,000 RPM	
2.6 Maximum Armature Speed with Load : Up to 3000 RPM	

2.7 P/S Internal Resistance : 0 to 30 Milliohms	
2.8 Operating Temperature : 10-40C	
2.9 Data Sampling Rate : 2.0 KHz	
2.10 Ripple Sampling Rate : Up to 100 KHz	
2.11 Starter Torque : 0-600 Nm (0.5Nm $\pm$ 0.25%)	
2.12 Starter Voltage : 0-26 Volts (0.01 V $\pm$ 0.25%)	
2.13 Solenoid Voltage : 0-26 Volts (0.01 V $\pm$ 0.25%)	
2.14 Contact Voltage Drop : 0-2.5 Volts (0.01 V $\pm$ 0.25%)	
2.15 Starter Current : 0-4500 Amps (0.5 Amps $\pm$ 0.25%)	
2.16 Solenoid Current : 0-300 Amps	
2.17 Starter Efficiency : 0-100%	
2.18 Starter Speed : 0-20,000 RPM (1 RPM $\pm$ 0.15%)	
2.19 Starter Ripple : 0-100 Amps	
2.20 Starter Power : 0-25 Kw	
2.21 Electrical Requirement : AC, 550 Volts, 60 HZ, 3 phases.	

**Service, Warranty and Maintenance :**

3.1 After-sales service : It must come with an after-sales service that does not exceed 4 hours for operational reasons;	
3.2 Warranty : Minimum one-year warranty on on-site parts and labour and a minimum one-year maintenance program; and	
3.3 Extended warranty and maintenance : Must include the cost for extended warranty and extended maintenance for two additional years.	
3.4 Formation : Provide training for our technicians. They will use the equipment properly.	

### **Delivery – Installation :**

4.1 The unit is to be delivered to the following address :

202 Workshop Depots  
Bldg 10 – FET  
Commercial Reception  
6769 Notre-Dame East  
Montreal, Quebec. H1N 2<sup>E</sup>9  
Canada

4.2 The delivery and installation shall be completed within fourteen (14) weeks of the signing of the contract.

### **Responsibilities of the Department of National Defence**

5. DND agrees to unload the equipment at its own expense.

## **ANNEX « B »**

### **Evaluation Criteria Selection Method and Pricing**

#### **Evaluation Criteria**

##### **A. Evaluation Criteria**

The following factors shall be taken into account during the evaluation of each submission :

1. Technical conformity based on the technical specifications set forth at Annexe « A »;
2. Provide **descriptive documentation** for the purpose of analysis;
3. Transportation costs (where appropriate);
4. Compliance with the methods for setting the proposed prices;
5. Acceptance of the other terms and conditions in the request for bids;
6. Firm prices must be provided.

##### **B. Financial Evaluation**

The financial evaluation shall be calculated as follows : The price indicated at Annex A shall determine the lowest submission.

##### **C. Selection Method**

1. To be considered responsive, a submission must :
  - a) Meet all the mandatory requirements specified in the request for submission; and

b) The cost for the extended warranty and extended maintenance for two more years must be provided and will not be taken into account in the financial evaluation.

2. Bids that fail to meet the requirements of a) will be eliminated. The lowest responsive bid will be recommended for the contract award.

**BASE OF PAYMENT**

<u>Description</u>	<u>PRICE</u>
Starter Tester	_____\$/each
1 year Warranty	Included
Extended Warranty (2 Years)	_____\$/
Delivery and installation	_____\$/
Training	_____ \$

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## ANNEX « B »

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#### Evaluation Criteria

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##### **B. Financial Evaluation**

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Delivery and installation	_____\$/
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