


|  Public Works and Government Services Canada | | Travaux publics et Services gouvernementaux Canada | | N° du documentW1985-115431/A | | Part - Partie 1 of - de 2 | | See Part 2 for Clauses and Conditions Voir Partie 2 pour Clauses et Conditions | | |
|--|---------------------------------|---|-----------------------|------------------------------|----------------------|--|--------------|---|---------------------------------|------------------------------|
| Item Article | Description | Dest. Code Dest. | Inv. Code Fact. | Qty Qté | U. of I. U. de D. | Unit Price/Prix unitaire FOB/FAM Destination | | Plant/Usine | Delivery Req. Livraison Req. | Del. Offered Liv. offerte |
| 1 | Bras de manutention pneumatique | W1985 | W1985 | 3 | YR | \$ | XXXXXXXXXXXX | | | |
| 2 | Attaches | W1985 | W1985 | 3 | YR | \$ | XXXXXXXXXXXX | | | |

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Solicitation No. - N° de l'invitation

W1985-115431/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

mta380

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

File No. - N° du dossier

CCC No./N° CCC - FMS No/ N° VME

W1985-11-5431

MTA-0-32578

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PART 1 - GENERAL INFORMATION

1. Introduction

The Request for Standing Offers (RFSO) is divided into seven parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Offeror Instructions: provides the instructions applicable to the clauses and conditions of the RFSO;
- Part 3 Offer Preparation Instructions: provides offerors with instructions on how to prepare their offer to address the evaluation criteria specified;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the offer, and the basis of selection;
- Part 5 Certifications: includes the certifications to be provided; and
- Part 6 6A, Standing Offer, and 6B, Resulting Contract Clauses:

 6A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions;

 6B, includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer.

The Annexes include the Requirement, and the Pricing.

2. Summary

Provide, as and when required, new fully pneumatic handling arm systems to move various components, parts or equipment to work stations quietly and safely. This document outlines the technical specifications for the procurement of new fully pneumatic handling arm systems to be procured under this standing offer.

Technical specifications for pneumatic handling arms :

The pneumatic handling arms will be used to lift parts, components or equipment of various weights. They will reduce the risk of injury (be safe) and also enable operations to be performed more quickly and quietly. They must meet the following basic specifications : to the 202 Workshop Depot the Canadian Forces Supply Depot of the Department of National Defence Montreal Garrison (Quebec).

Period of the Standing Offer: One (1) year starting from the date of standing offer issuance with two (2) options to extend for a period of one (1) year each.

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

3. Debriefings

After issuance of a standing offer, offerors may request a debriefing on the results of the request for standing offers process. Offerors should make the request to the Standing Offer Authority within 15 working days of receipt of the results of the request for standing offers process. The debriefing may be in writing, by telephone or in person.

PART 2 - OFFEROR INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the Request for Standing Offers (RFSO) 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.

Offerors who submit an offer agree to be bound by the instructions, clauses and conditions of the RFSO and accept the clauses and conditions of the Standing Offer and resulting contract(s).

The 2006 (2012/07/11) Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

The text under Subsection 4 of Section 01 - Code of Conduct and Certifications - Offer of 2006 referenced above is replaced by:

Offerors should provide, with their offer or promptly thereafter, a complete list of names of all individuals who are currently directors of the Offeror. If such a list has not been received by the time the evaluation of offers is completed, Canada will inform the Offeror of a time frame within which to provide the information. Failure to provide such a list within the required time frame will render the offer non-responsive. Offerors must always submit the list of directors before issuance of a standing offer.

Canada may, at any time, request that an Offeror provide properly completed and Signed Consent Forms (Consent to a Criminal Record Verification form - PWGSC-TPSGC 229) (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaire-forms-eng.html>) for any or all individuals named in the aforementioned list within a specified delay. Failure to provide such Consent Forms within the delay will result in the offer being declared non-responsive.

The text under Subsection 5 of Section 01 - Code of Conduct and Certifications - Offer of 2006 referenced above is replaced by:

The Offeror must diligently maintain the list up-to-date by informing Canada in writing of any change occurring during the validity period of the Offer, and must also provide Canada, when requested, with the corresponding Consent Forms. The Offeror will also be required to diligently maintain the list and when requested, provide Consent Forms during the period of any standing offer arising from this Request for Standing Offers (RFSO) and any call-ups made against the Standing Offer.

2. Submission of Offers

Offers 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 Request for Standing Offers.

3. Enquiries - Request for Standing Offers

All enquiries must be submitted in writing to the Standing Offer Authority no later than ten (10) calendar days before the Request for Standing Offers (RFSO) closing date. Enquiries received after that time may not be answered.

Offerors should reference as accurately as possible the numbered item of the RFSO to which the enquiry relates. Care should be taken by offerors 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 questions or may request that offerors do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all offerors. Enquiries not submitted in a form that can be distributed to all offerors may not be answered by Canada.

4. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in the province of Quebec.

Offerors may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their offer, 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 offerors.

PART 3 - OFFER PREPARATION INSTRUCTIONS

1. Offer Preparation Instructions

Canada requests that offerors provide their offer in separately bound sections as follows:

Section I: Technical Offer (two (2) hard copy)

Section II: Financial Offer (one (1) hard copy)

Section III: Certifications (one (1) hard copy)

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

Canada requests that offerors follow the format instructions described below in the preparation of their offer.

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to that of the Request for Standing Offers.

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, offerors are encouraged to:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and/or 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 Offer

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

Section II: Financial Offer

Offerors must submit their financial offer in accordance with Annex B, Pricing. The total amount of Goods and Services Tax or Harmonized Sales Tax must be shown separately, if applicable.

Section III: Certifications

Offerors must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

- (a) Offers will be assessed in accordance with the entire requirement of the Request for Standing Offers including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the offers.

1.1 Financial Evaluation

1.1.1 - All offers must be submitted in Canadian currency.

1.1.2 - The financial evaluation will be based on the total cost for the 3 years of all items indicated in Annex B- Pricing. For financial evaluation purposes only, the evaluated price will be the sum of the 3-year total cost of all items in Annex B.

1.1.3 - For financial evaluation purposes only, the 3-year total cost (Total cost) of each item will be calculated with the following equation:

$$\text{Total cost} = Q \cdot (A1 + A2 + A3)$$

Where Q is the estimated quantity per year for the item; A1 is the proposed unit cost of the item for the 1st year; A2 is the proposed unit cost of the item for the 2nd year; and A3 is the proposed unit cost of the item for the 3rd year.

Note: Delivery charges are included in the unit prices.

SACC Manual Clause M0220T (2007/05/25), Evaluation of Price

SACC Manual Clause M0222T (2010/01/11), Evaluation of Price

2. Basis of Selection

2.1 SACC Manual Clause M0069T (2007-05-25), Basis of Selection

PART 5 - CERTIFICATIONS

Offerors must provide the required certifications to be issued a standing offer. Canada will declare an offer non-responsive if the required certifications are not completed and submitted as requested.

Compliance with the certifications offerors provide to Canada is subject to verification by Canada during the offer evaluation period (before issuance of a standing offer) and after issuance of a standing offer. The Standing Offer Authority will have the right to ask for additional information to verify offerors' compliance with the certifications before issuance of a standing offer. The offer will be declared non-responsive if any certification made by the Offeror is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Standing Offer Authority for additional information will also render the offer non-responsive.

1. Code of Conduct Certifications - Certifications Precedent to Issuance of a Standing Offer

1.1 Offerors should provide, with their offer or promptly thereafter, a complete list of names of all individuals who are currently directors of the Offeror. If such a list has not been received by the time the evaluation of offers is completed, the Standing Offer Authority will inform the Offeror of a time frame within which to provide the information. Offerors must submit the list of directors before issuance of a standing offer, failure to provide such a list within the required time frame will render the offer non-responsive.

The Standing Offer Authority may, at any time, request that an Offeror provide properly completed and Signed Consent Forms (Consent to a Criminal Record Verification form - PWGSC-TPSGC 229) (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaire-forms-eng.html>) for any or all individuals named in the aforementioned list within a specified delay. Failure to provide such Consent Forms within the delay will result in the offer being declared non-responsive.

2. Certifications Precedent to Issuance of a Standing Offer

The certifications listed below should be completed and submitted with the offer, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Standing Offer Authority will so inform the Offeror and provide the Offeror with a time frame within which to meet the requirement. Failure to comply with the request of the Standing Offer Authority and meet the requirement within that time period will render the offer non-responsive.

2.1 Federal Contractors Program - Certification

2.1.1 Federal Contractors Program - \$200,000 or more

1. The Federal Contractors Program (FCP) requires that some suppliers, including a supplier who is a member of a joint venture, bidding for federal government contracts, valued at \$200,000 or more (including all applicable taxes), make a formal commitment to implement employment equity. This is a condition precedent to the issuance of a standing offer. If the Offeror, or, if the Offeror is a joint venture and if any member of the joint venture, is subject to the FCP, evidence of its commitment must be provided before the issuance of a standing offer.

Suppliers who have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100 employees. Any offers from ineligible contractors, including an offer from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

2. If the Offeror does not fall within the exceptions enumerated in 3.(a) or (b) below, or does not have a valid certificate number confirming its adherence to the FCP, the Offeror must fax (819-953- 8768) a copy of the signed form LAB 1168, Certificate of Commitment to Implement Employment Equity, to the Labour Branch of HRSDC.
3. The Offeror, or, if the Offeror is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Offeror or the member of the joint venture

- (a) () is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;
- (b) () is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;
- (c) () is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC (having not bid on requirements of \$200,000 or more), in which case a duly signed certificate of commitment is attached;
- (d) () is subject to FCP, and has a valid certificate number as follows: _____ (e.g. has not been declared an ineligible contractor by HRSDC).

Further information on the FCP is available on the HRSDC Web site.

PART 6 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

A. STANDING OFFER**1. Offer**

1.1 The Offeror offers to fulfill the requirement in accordance with the Requirement at Annex "A".

2. Standard Clauses and Conditions

All clauses and conditions identified in the Standing Offer and resulting contract(s) 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.

2.1 General Conditions

2005 (2012/07/16) General Conditions - Standing Offers - Goods or Services, apply to and form part of the Standing Offer.

The text under Subsection 4 of Section 11 - Code of Conduct and Certifications - Standing Offer of 2005 referenced above is replaced by:

During the entire period of the Standing Offer and any call-ups made against the Standing Offer, the Offeror must diligently update, by written notice to the Standing Offer Authority, the list of names of all individuals who are directors of the Offeror whenever there is a change. As well, whenever requested by Canada, the Offeror must provide the corresponding Consent Forms.

3. Term of Standing Offer**3.1 Period of the Standing Offer**

The period for making call-ups against the Standing Offer is one (1) year starting from the date of standing offer issuance (specific dates will be identified at standing offer issuance).

3.2 Extension of Standing Offer

If the Standing Offer is authorized for use beyond the initial period, the Offeror offers to extend its offer for two (2) additional 1 year periods, from _____ to _____ (*to be completed by Canada at standing offer issuance*) under the same conditions and at the rates or prices specified in the Standing Offer, or at the rates or prices calculated in accordance with the formula specified in the Standing Offer.

The Offeror will be advised of the decision to authorize the use of the Standing Offer for an extended period by the Standing Offer Authority thirty (30) days before the expiry date of the Standing Offer. A revision to the Standing Offer will be issued by the Standing Offer Authority.

4. Authorities**4.1 Standing Offer Authority**

The Standing Offer Authority is:

Name: Louis-Georges robichaud
Title: Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch

Telephone: (514) 496-3842

Fax: (514) 496-3822

E-mail address: louis-georges.robichaud@tpsgc.gc.ca

The Standing Offer Authority is responsible for the establishment of the Standing Offer, its administration and its revision, if applicable. Upon the making of a call-up, as Contracting Authority, he is responsible for any contractual issues relating to individual call-ups made against the Standing Offer by any Identified User.

4.2 Project Authority

The Project Authority for the Standing Offer is identified in the call-up against the Standing Offer.

The Project Authority is the representative of the department or agency for whom the Work will be carried out pursuant to a call-up against the Standing Offer and is responsible for all the technical content of the Work under the resulting Contract.

4.3 Offeror's Representative

Name and telephone number of the individual responsible for:

General Enquiries

Name : _____

Title: _____

Telephone : _____

Facsimile : _____

E-mail address : _____

Delivery Follow-up :

Name : _____

Title: _____

Telephone : _____

Facsimile : _____

E-mail address : _____

4.4 Contact at the Client's Department

For all information related to invoicing and/or payments you may communicate with:

(to be completed by Canada at standing offer issuance)

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____ - ____ - ____

Facsimile: ____ - ____ - ____

E-mail address: _____

5. Identified Users

The Identified User authorized to make call-ups against the Standing Offer is:
Department of National Defence - 202 Canadian Forces Supply Depot , 6363 Notre-Dame Street East,
Montreal, Quebec.

6. Call-up Instrument

The Work will be authorized or confirmed by the Identified User(s) using form PWGSC-TPSGC 942,
Call-up Against a Standing Offer or an electronic version.

7. Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed \$12,500.00 (Goods and Services Tax or
Harmonized Sales Tax included).

8. Financial Limitation

Financial Limitation - Total

The total cost to Canada resulting from call-ups against the Standing Offer must not exceed the sum of
\$____(to be completed by Canada at standing offer issuance) (Goods and Services Tax or Harmonized
Sales Tax excluded) unless otherwise authorized in writing by the Standing Offer Authority. The Offeror
must not perform any work or services or supply any articles in response to call-ups which would cause
the total cost to Canada to exceed the said sum, unless an increase is so authorized.

The Offeror must notify the Standing Offer Authority as to the adequacy of this sum when 75 percent of
this amount has been committed, or two (2) months before the expiry date of the Standing Offer,
whichever comes first. However, if at any time, the Offeror considers that the said sum may be
exceeded, the Offeror must promptly notify the Standing Offer Authority.

9. 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 call up against the Standing Offer, including any annexes;
- b) the articles of the Standing Offer;
- c) the general conditions 2005 (2012/07/16), General Conditions - Standing Offers - Goods or
Services
- d) the general conditions 2029 (2012/07/16); General Conditions - Goods or Services (Low Dollar
Value);
- e) Annex A, Requirement;
- f) Annex B, Pricing;
- g) the Offeror's offer dated _____ (to be completed by Canada at standing offer issuance)

10. Certifications

10.1 Compliance

Compliance with the certifications provided by the Offeror is a condition of authorization of the Standing Offer and subject to verification by Canada during the term of the Standing Offer and of any resulting contract that would continue beyond the period of the Standing Offer. In the event that the Offeror does not comply with any certification or it is determined that any certification made by the Offeror in its offer is untrue, whether made knowingly or unknowingly, Canada has the right to terminate any resulting contract for default and set aside the Standing Offer.

11. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in the province of Quebec.

B. RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from a call-up against the Standing Offer.

1. Requirement

The Contractor must provide the items detailed in the call-up against the Standing Offer.

2. Standard Clauses and Conditions

2.1 General Conditions

2029 (2012/07/16), General Conditions - Goods or Services (Low Dollar Value) apply to and form part of the Contract.

The text under Subsection 4 of Section 25 - Code of Conduct and Certifications - Contract of 2029 referenced above is replaced by:

During the entire period of the Standing Offer and any call-ups made against the Standing Offer, the Offeror must diligently update, by written notice to the Standing Offer Authority, the list of names of all individuals who are directors of the Offeror whenever there is a change. As well, whenever requested by Canada, the Offeror must provide the corresponding Consent Forms.

3. Term of Contract

3.1 Delivery Date

Delivery must be made within thirty-six (36) working hours from receipt of a call-up against the Standing Offer.

4. Payment

4.1 Basis of Payment

The Contractor will be paid in accordance with the Pricing at Annex B.

4.2 Limitation of Price

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

4.3 Single Payment

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

4.4 SACC Manual Clauses

SACC Manual Clause A2000C(2006/06/16), Foreign Nationals (Canadian Contractor)

SACC Manual Clause A2001C(2006/06/16), Foreign Nationals (Foreign Contractor)

SACC Manual clause C2000C (2007/11/30), Taxes - Foreign Suppliers

SACC Manual Clause C2604C(2010/01/11), Customs Duties, Excise Taxes and GST/HST - Non-resident

5. Invoicing Instructions

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.

6. Insurance

SACC Manual clause G1005C (2008/05/12) Insurance

7. SACC Manual Clauses

SACC Manual clause A9039C (2008/05/12), Salvage

SACC Manual clause A9062C(2011/05/12), Canadian Forces Site Regulations

SACC Manual clause B7500C (2008/05/12), Excess Goods

SACC Manual clause D0018C (2007/11/30), Delivery and Unloading

SACC Manual clause D5545C (2010/08/16), ISO 9001:2008 - Quality Management Systems - Requirements (QAC C)

8. Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered:

(a) Delivered Duty Paid (DDP) Department of National Defence -

1. Delivery adress

Solicitation No. - N° de l'invitation

W1985-115431/A

Amd. No. - N° de la modif.

File No. - N° du dossier

MTA-0-32578

Buyer ID - Id de l'acheteur

mta380

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

W1985-11-5431

CCC No./N° CCC - FMS No/ N° VME

202e Dépôt d'Ateliers
Bâtisse 10 - FET
Réception commerciale
6769 Notre-Dame Est
Montréal, Québec. Canada H1N 2E9

Appendix «A»

Pneumatic Handling Arm

1. Objective :

The 202 Workshop Depot needs to acquire new fully pneumatic handling arm systems to move various components, parts or equipment to work stations quietly and safely. This document outlines the technical specifications for the procurement of new fully pneumatic handling arm systems to be procured under this standing offer.

2. Technical specifications for pneumatic handling arms :

The pneumatic handling arms will be used to lift parts, components or equipment of various weights. They will reduce the risk of injury (be safe) and also enable operations to be performed more quickly and quietly. They must met the following basic spécifications :

| Description | Documentation Reference |
|--|-------------------------|
| 2.1 Lifting capacity: Capacity according to the attached table etc. Must be indicated in the proposal documents. | |
| 2.2 Mast height: Mast height according to the attached table etc. Must be indicated in the proposal documents. | |
| 2.3 Boom length: Length according to the attached table etc. Must be indicated in the proposal documents. | |
| 2.4 Vertical stroke: Vertical stroke according to the attached table etc. Must be indicated in the proposal documents. | |
| 2.5 Horizontal travel: Horizontal travel according to the attached table etc. Must be indicated in the proposal documents. | |

| Desired Models | Lifting Capacity | Mast Height | Boom Length | Vertical Stroke | Horizontal Travel |
|----------------|------------------|-------------|-------------|-----------------|-------------------|
| Type 1 | 1 000 lbs min | 14 ft min | 12 ft min | 5 ft min | 11 ft min |
| Type 2 | 2 000 lbs min | 14 ft min | 12 ft min | 5 ft min | 11 ft min |
| Type 3 | 4 000 lbs min | 14 ft min | 12 ft min | 5 ft min | 11 ft min |
| Type 4 | 1 000 lbs min | 14 ft min | 18 ft min | 5 ft min | 17 ft min |
| Type 5 | 2 000 lbs min | 14 ft min | 18 ft min | 5 ft min | 17 ft min |
| Type 6 | 4 000 lbs min | 14 ft min | 18 ft min | 5 ft min | 17 ft min |
| Type 7 | 6 000 lbs min | 14 ft min | 18 ft min | 5 ft min | 17 ft min |
| Type 8 | 14 000 lbs min | 14 ft min | 18 ft min | 5 ft min | 17 ft min |

| | Documentation Reference |
|---|-------------------------|
| 2.6 Power supply : Air only | |
| 2.7 Boom pivot: 360° around the mast. | |
| 2.8 Air consumption: 0.16 CFM with an operating pressure ranging between 90 and 125 PSI (maximum). | |
| 2.9 Air supply: The pneumatic handling arms must be supplied via a ¾" or 1" rigid line equipped with a ball valve. The supplier shall provide and assemble the regulator and filter kits so that the pneumatic handling arms are operational after installation. | |
| 2.10 Safety: The handling arm must not be able to lift a load heavier than that authorized by the system. | |
| 2.11 Variable speed: The handling arm must be guided by a hand speed control. | |
| 2.12 Brakes: The handling arm must not have any brakes. | |
| 2.13 Attachments: The handling arm must be designed to work with more than one kind of attachment. | |
| 2.14 Equipment: The handling arm and its accessories must be composed of pneumatic components; it must not require any electric power supply. | |
| 2.15 Arm speed: The arm speed must range from a slow speed of 12 inches per minute to a high speed of 36 inches per second. There must not be any shaking caused by a brake that engages or releases. | |

| | Documentation Reference |
|--|-------------------------|
| 2.16 Operator movement: Actuating the handling arm must require minimal operator effort. The arm must be able to rotate freely 360° around the mast. | |
| 2.17 Cable service life: The cable service life must be 300,000 cycles at full load. | |
| 2.18 Environment: The handling arm must not discharge any oil or grease into the environment. | |
| 2.19 Pulley bearings: All boom mast, rail trolley and boom end pulley bearings are sealed bearings. | |
| 2.20 Equipment noise: The handling arm must not have an electric motor. It must not produce any heat. | |
| 2.21 Finish coat: The finish coat must be designed to resist UV rays, corrosion and industrial detergents. It must not release any gas fumes. | |
| 2.22 Structure: The structure must be designed to withstand 2.5 times the load (minimum). | |
| 2.23 Moving parts: The pulleys, cable, hook buckle and ball bearings must withstand eight times the load. | |
| 2.24 Installation on floor and foundation: All types of pneumatic handling arms must be fastened with chemicals anchors in the existing concrete floor slab or in a reinforced foundation when necessary. | |
| 2.25 Preventive maintenance: The unit must not require any preventive maintenance. | |

Technical specifications for pneumatic handling arm attachments

3. The pneumatic handling arms must be equipped with various attachments that meet our needs, such as:

| | Documentation Reference |
|---|-------------------------|
| 3.1 Hooks with capacities ranging from 1,000 to 6,000 lbs depending on the pneumatic handling arm model. | |
| 3.2 Dual 15-inch suction cups with two 1000-lb capacity vacuum generators. | |
| 3.3 Suction cups with vacuum generators designed to lift 14,000-lb steel or aluminum plates. | |

Delivery – Installation

4. The unit must be delivered to the following address:

202^e Workshop Depot
Building 10 - FET
Business Reception
6769 Notre-Dame East
Montreal, Quebec. H1N 2E9
Canada

4.1 Delivery and installation shall be completed within fourteen (12) weeks of ordering and **before March the 31, 2013**

Appendix A

Evaluation and selection criteria

Evaluation criteria

A. Evaluation criteria :

The following will be taken into consideration when evaluating each bid :

1. Technical compliance in accordance with the technical specifications in Appendix « A »;
2. **Descriptive documentation** for analysis purposes is provided.

B. Selection method :

1. To be deemed responsive, a bid must meet all of the requirements stated in the invitation to tender.
2. Bids not meeting the requirements of the previous section shall be rejected. The lowest eligible bid will be recommended for a standing offer award.

Appendix B

Basis of Payment

Period: December XX, 2012 to November XX, 2013

Potential quantities of pneumatic handling arms:

| Desired models | Approximate quantity | Price |
|----------------|----------------------|---------------|
| Type 1 | 11 | \$ _____ each |
| Type 2 | 4 | \$ _____ each |
| Type 3 | 9 | \$ _____ each |
| Type 4 | 8 | \$ _____ each |
| Type 5 | 3 | \$ _____ each |
| Type 6 | 6 | \$ _____ each |
| Type 7 | 2 | \$ _____ each |
| Type 8 | 1 | \$ _____ each |
| Total : | | \$ _____ |

Potential quantities of attachments :

| Models | Lifting Capacity | Approximate quantities | Price |
|---|------------------|------------------------|---------------|
| Double Suction Cup with 2 vacuum generators | 1 000 lbs. min | 2 | \$ _____ each |
| Suction Cup with vacuum generators | 14 000 lbs. min | 1 | \$ _____ each |
| 1,000-LB Hook | 1 000 lbs. min | 17 | \$ _____ each |
| 2,000-LB Hook | 2 000 lbs min | 7 | \$ _____ each |
| 4,000-LB Hook | 4 000 lbs min | 15 | \$ _____ each |
| 6,000-LB Hook | 6 000 lbs min | 1 | \$ _____ each |
| TOTAL : | | | \$ _____ |

Appendix B

Basis of Payment

Period: December XX, 2013 to November XX, 2014

Potential quantities of pneumatic handling arms:

| Desired models | Approximate quantity | Price |
|----------------|----------------------|---------------|
| Type 1 | 11 | \$ _____ each |
| Type 2 | 4 | \$ _____ each |
| Type 3 | 9 | \$ _____ each |
| Type 4 | 8 | \$ _____ each |
| Type 5 | 3 | \$ _____ each |
| Type 6 | 6 | \$ _____ each |
| Type 7 | 2 | \$ _____ each |
| Type 8 | 1 | \$ _____ each |
| Total : | | \$ _____ each |

Potential quantities of attachments :

| Models | Lifting Capacity | Approximate quantities | Price |
|---|------------------|------------------------|---------------|
| Double Suction Cup with 2 vacuum generators | 1 000 lbs. min | 2 | \$ _____ each |
| Suction Cup with vacuum generators | 14 000 lbs. min | 1 | \$ _____ each |
| 1,000-LB Hook | 1 000 lbs. min | 17 | \$ _____ each |
| 2,000-LB Hook | 2 000 lbs min | 7 | \$ _____ each |
| 4,000-LB Hook | 4 000 lbs min | 15 | \$ _____ each |
| 6,000-LB Hook | 6 000 lbs min | 1 | \$ _____ each |
| TOTAL : | | | \$ _____ |

Appendix B

Basis of Payment

Period: December XX, 2014 to November XX, 2015

Potential quantities of pneumatic handling arms:

| Desired models | Approximate quantity | Price |
|----------------|----------------------|--------------|
| Type 1 | 11 | \$_____ each |
| Type 2 | 4 | \$_____ each |
| Type 3 | 9 | \$_____ each |
| Type 4 | 8 | \$_____ each |
| Type 5 | 3 | \$_____ each |
| Type 6 | 6 | \$_____ each |
| Type 7 | 2 | \$_____ each |
| Type 8 | 1 | \$_____ each |
| Total : | | \$_____ each |

Potential quantities of attachments :

| Models | Lifting Capacity | Approximate quantities | Price |
|---|------------------|------------------------|--------------|
| Double Suction Cup with 2 vacuum generators | 1 000 lbs. min | 2 | \$_____ each |
| Suction Cup with vacuum generators | 14 000 lbs. min | 1 | \$_____ each |
| 1,000-LB Hook | 1 000 lbs. min | 17 | \$_____ each |
| 2,000-LB Hook | 2 000 lbs min | 7 | \$_____ each |
| 4,000-LB Hook | 4 000 lbs min | 15 | \$_____ each |
| 6,000-LB Hook | 6 000 lbs min | 1 | \$_____ each |
| TOTAL : | | | \$_____ |

| | |
|---|--|
| EXTENDED WARRANTY | |
| The pneumatic handling arms and their installation must have a 10-year parts and labour warranty against manufacturing defects after installation. (Minimum) | <div data-bbox="824 562 1372 604" data-label="Text"> \$ _____ </div> |

