



**RETURN BIDS TO:  
RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC / Réception des  
soumissions - TPSGC**  
11 Laurier St./ 11 rue, Laurier  
Place du Portage, Phase III  
Core 0B2 / Noyau 0B2  
Gatineau, Québec K1A 0S5  
Bid Fax: (819) 997-9776

**Request For a Standing Offer  
Demande d'offre à commandes**

National Individual Standing Offer (NISO)  
Offre à commandes individuelle nationale (OCIN)

Canada, as represented by the Minister of Public Works and  
Government Services Canada, hereby requests a Standing Offer  
on behalf of the Identified Users herein.

Le Canada, représenté par le ministre des Travaux Publics et  
Services Gouvernementaux Canada, autorise par la présente,  
une offre à commandes au nom des utilisateurs identifiés  
énumérés ci-après.

**Comments - Commentaires**

**Vendor/Firm Name and Address  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Scientific, Medical and Photographic Division / Division  
de l'équipement scientifique, des produits photographiques  
et pharmaceutiques  
11 Laurier St./ 11 rue, Laurier  
6B1, Place du Portage  
Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> Major Dental Equipment	
<b>Solicitation No. - N° de l'invitation</b> W8486-152099/A	<b>Date</b> 2016-04-11
<b>Client Reference No. - N° de référence du client</b> W8486-152099	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$\$PV-873-70778
<b>File No. - N° de dossier</b> pv873.W8486-152099	<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 2016-05-24</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT	
<b>Delivery Required - Livraison exigée</b> See Herein	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Shannahan, Cassandra	<b>Buyer Id - Id de l'acheteur</b> pv873
<b>Telephone No. - N° de téléphone</b> (819)420-1068 ( )	<b>FAX No. - N° de FAX</b> (819)956-3814
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF NATIONAL DEFENCE 101 COLONEL BY DR. OTTAWA Ontario K1A0K2 Canada	
<b>Security - Sécurité</b> This request for a Standing Offer does not include provisions for security. Cette Demande d'offre à commandes ne comprend pas des dispositions en matière de sécurité.	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<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/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

## TABLE OF CONTENTS

<b>PART 1 - GENERAL INFORMATION .....</b>	<b>3</b>
1.1 INTRODUCTION.....	3
1.2 SUMMARY .....	3
1.3 DEBRIEFINGS .....	3
<b>PART 2 - OFFEROR INSTRUCTIONS .....</b>	<b>4</b>
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS.....	4
2.2 SUBMISSION OF OFFERS.....	4
2.3 ENQUIRIES - REQUEST FOR STANDING OFFERS .....	4
2.4 APPLICABLE LAWS.....	4
<b>PART 3 - OFFER PREPARATION INSTRUCTIONS.....</b>	<b>5</b>
3.1. OFFER PREPARATION INSTRUCTIONS.....	5
<b>PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION .....</b>	<b>6</b>
4.1 EVALUATION PROCEDURES.....	6
4.2 BASIS OF SELECTION.....	7
<b>PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION .....</b>	<b>8</b>
5.1 CERTIFICATIONS REQUIRED WITH THE OFFER .....	8
5.2 CERTIFICATIONS PRECEDENT TO THE ISSUANCE OF A STANDING OFFER AND ADDITIONAL INFORMATION	8
<b>PART 6 - STANDING OFFER AND RESULTING CONTRACT CLAUSES .....</b>	<b>9</b>
<b>A. STANDING OFFER .....</b>	<b>9</b>
6.1 OFFER.....	9
6.2 SECURITY REQUIREMENTS .....	9
6.3 STANDARD CLAUSES AND CONDITIONS.....	9
6.4 TERM OF STANDING OFFER .....	9
6.5 AUTHORITIES .....	10
6.6 IDENTIFIED USERS.....	11
6.7 CALL-UP INSTRUMENT .....	11
6.8 CALL-UP PROCEDURES .....	11
6.9 LIMITATION OF CALL-UPS .....	11
6.10 PRIORITY OF DOCUMENTS .....	11
6.11 CERTIFICATIONS .....	11
6.12 APPLICABLE LAWS.....	12
6.13 PRICE LISTS.....	12
<b>B. RESULTING CONTRACT CLAUSES .....</b>	<b>13</b>
6.1 REQUIREMENT .....	13
6.2 STANDARD CLAUSES AND CONDITIONS.....	13
6.3 TERM OF CONTRACT .....	13
6.4 PAYMENT .....	14
6.5 INVOICING INSTRUCTIONS .....	14
6.6 INSURANCE .....	14
6.7 SACC <i>MANUAL</i> CLAUSES .....	15
<b>ANNEX "A" .....</b>	<b>16</b>

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

---

REQUIREMENT .....	16
<b>ANNEX "B" .....</b>	<b>35</b>
BASIS OF PAYMENT .....	35
<b>ANNEX "C" .....</b>	<b>41</b>
FINANCIAL EVALUATION EXAMPLE.....	41
<b>ANNEX "D" .....</b>	<b>43</b>
CLINIC ADDRESSES.....	43
<b>ANNEX "E" .....</b>	<b>48</b>
MANDATORY TECHNICAL CRITERIA.....	48
<b>ANNEX "F" .....</b>	<b>61</b>
STANDING OFFER USAGE REPORT .....	61
<b>ANNEX "G" TO PART 3 OF THE REQUEST FOR STANDING OFFERS .....</b>	<b>62</b>
ELECTRONIC PAYMENT INSTRUMENTS.....	62

## **PART 1 - GENERAL INFORMATION**

### **1.1 Introduction**

The Request for Standing Offers (RFSO) is divided into six 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;
- 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, the Basis of Payment, an example of the financial evaluation, clinic addresses, mandatory criteria and a standing offer usage report template.

### **1.2 Summary**

#### **1.2.1 Dental Clinical Equipment**

A National Individual Standing Offer is required for the supply and delivery of dental clinical equipment on an "as and when" requested basis for the department of National defence, in accordance with Annex A – Requirement, detailed herein.

The period of the Standing Offer will be from date of issuance for three (3) firm years with two (2) additional one (1) year option periods.

1.2.2 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).

### **1.3 Debriefings**

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**

### **2.1 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) (<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](#) (2016-04-04) Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

#### **2.1.1 SACC Manual Clauses**

[M0019T](#) (2007-05-25), Firm Price and/or Rates

[M1004T](#) (2016-01-28), Condition of Material - Offer

### **2.2 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.

### **2.3 Enquiries - Request for Standing Offers**

All enquiries must be submitted in writing to the Standing Offer Authority no later than fifteen (15) 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 question(s) or may request that Offerors do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Offerors. Enquiries not submitted in a form that can be distributed to all Offerors may not be answered by Canada.

### **2.4 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 Ontario.

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**

### **3.1. Offer Preparation Instructions**

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

- Section I: Technical Offer (one (1) hard copy)
- Section II: Financial Offer (one (1) hard copy)
- Section III: Certifications (one (1) hard copy)
- Section IV: Additional Information (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) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Offerors 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 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, Basis of Payment. The total amount of Applicable Taxes must be shown separately.

##### **3.1.1 Electronic Payment of Invoices – Bid**

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "G" Electronic Payment Instruments, to identify which ones are accepted.

If Annex "G" Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

### 3.1.2 Exchange Rate Fluctuation

C3011T (2013-11-06), Exchange Rate Fluctuation

#### Section III: Certifications

Offerors must submit the certifications required under Part 5.

## PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

### 4.1 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.

#### 4.1.1 Technical Evaluation

##### 4.1.1.1 Mandatory Technical Criteria

Offeror must provide documentation with their bid showing how they meet the mandatory requirements as detailed in Annex E – Mandatory Technical Criteria.

#### 4.1.2 Financial Evaluation

Canada intends to enter into Standing Offer Agreements with a number of Suppliers with the technical qualifications to deliver, at competitive prices, in seven of the following groups:

##### Group 1:

Item 1 Annex A-1 Freestanding Rear Delivery Casework and  
Item 2 Annex A-2 Sterilization Room Casework Lengths 8, 10 and 12 feet

For each item in this group, an average price will be calculated by adding the firm unit prices for each year together and dividing by five (three firm years plus two option years). This average price will be multiplied by the respective estimated usage for each item to arrive at an extended total. The extended totals for each item will be added together to arrive at a total evaluated price for the group. This process is illustrated in Annex "C".

These items must be bid on by the same bidder and all casework must come from the same manufacturer. One Standing Offer will be awarded for Group 1.

##### Group 2:

Item 4 Annex A-4 Unit Dental Operating,  
Item 5 Annex A-5 Chair Dental Operating  
Item 6 Annex A-6 Stool Dental Operating (DO)  
Item 7 Annex A-7 Stool Dental Operating (DA)  
Item 8 Annex A-8 Light Dental Operating

For each item in this group, an average price will be calculated by adding the firm unit prices for each year together and dividing by five (three firm years plus two option years). This average price will be multiplied by the respective estimated usage for each item to arrive at an extended total. The extended

---

totals for each item will be added together to arrive at a total evaluated price for the group. This process is illustrated in Annex "C".

These items must be bid on by the same bidder and all equipment has to come from the same manufacturer. One Standing Offering will be awarded for Group 2.

**Group 3:**

Item 10 Annex A-10 Lube Free Dental Compressor Sizes small, medium, large and ex-large.

For each item in this group, an average price will be calculated by adding the firm unit prices for each year together and dividing by five (three firm years plus two option years). This average price will be multiplied by the respective estimated usage for each item to arrive at an extended total. The extended totals for each item will be added together to arrive at a total evaluated price for the group. This process is illustrated in Annex "C".

All sizes must be provided and bid on by the same supplier and all sizes must come from the same manufacturer. One Standing Offering will be awarded for Group 3.

**Group 4:**

Item 11 Annex A-11 Waterless Dental Evacuation System Sizes small, medium, large and ex-large.

For each item in this group, an average price will be calculated by adding the firm unit prices for each year together and dividing by five (three firm years plus two option years). This average price will be multiplied by the respective estimated usage for each item to arrive at an extended total. The extended totals for each item will be added together to arrive at a total evaluated price for the group. This process is illustrated in Annex "C".

All sizes must be provided and bid on by the same supplier and all sizes must come from the same manufacturer. One Standing Offering will be awarded for Group 4.

**Group 5:**

Item 3 Annex A-3 Worm Gear Driven Chair  
Item 9 Annex A-9 Sterilizer Dental  
Item 12 Annex A-12 Intraoral X-ray

For each item in this group, an average price will be calculated by adding the firm unit prices for each year together and dividing by five (three firm years plus two option years). This average price will be multiplied by the respective estimated usage for each item to arrive at a total evaluated price for each item. This process is illustrated in Annex "C".

These items can be bid on individually. A Standing Offer will be awarded for each item in Group 5.

**NOTE:** Offerors may propose to provide goods in one, more than one, or all seven Groups. Further details on items can be found in Annex A.

SACC Manual Clause [M0222T](#) (2016-01-28), Evaluation of Price

**4.2 Basis of Selection**

**4.2.1 Basis of Selection - Mandatory Technical Criteria Only**

An offer must comply with the requirements of the Request for Standing Offers and meet all mandatory technical evaluation criteria to be declared responsive. The responsive offer(s) with the lowest evaluated price for each group in Groups 1-4, and the lowest evaluated price per item in Group 5 will be recommended for issuance of a standing offer.

## **PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION**

Offerors must provide the required certifications and additional information to be issued a standing offer.

The certifications provided by Offerors to Canada are subject to verification by Canada at all times. Canada will declare an offer non-responsive, will have the right to set-aside a standing offer, or will declare a contractor in default if any certification made by the Offeror is found to be untrue whether made knowingly or unknowingly during the offer evaluation period, during the Standing Offer period, or during the contract period.

The Standing Offer Authority will have the right to ask for additional information to verify the Offeror's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Standing Offer Authority will render the offer non-responsive, result in the setting aside of the Standing Offer or constitute a default under the Contract.

### **5.1 Certifications Required with the Offer**

Offerors must submit the following duly completed certifications as part of their offer.

#### **5.1.1 Integrity Provisions - Declaration of Convicted Offences**

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide with its bid the required documentation, as applicable, to be given further consideration in the procurement process.

### **5.2 Certifications Precedent to the Issuance of a Standing Offer and Additional Information**

The certifications and additional information listed below should be submitted with the offer, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Standing Offer Authority will inform the Offeror 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 offer non-responsive.

#### **5.2.1 Integrity Provisions – Required Documentation**

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

#### **5.2.2 Federal Contractors Program for Employment Equity - Standing Offer Certification**

By submitting an offer, the Offeror certifies that the Offeror, and any of the Offeror's members if the Offeror 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\\_equality/eq/emp/fcp/list/inelig.shtml](http://www.labour.gc.ca/eng/standards_equality/eq/emp/fcp/list/inelig.shtml)) available from [Employment and Social Development Canada-Labour's](#) website.

Canada will have the right to declare an offer non-responsive, or to set-aside a Standing Offer, if the Offeror, or any member of the Offeror if the Offeror is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of issuing of a Standing Offer or during the period of the Standing Offer.

---

## PART 6 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

### A. STANDING OFFER

#### 6.1 Offer

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

#### 6.2 Security Requirements

6.2.1 There is no security requirement applicable to this Standing Offer.

#### 6.3 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) (<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

[2005](#) (2016-04-04), General Conditions - Standing Offers - Goods or Services, apply to and form part of the Standing Offer.

##### 6.3.2 Standing Offers Reporting

The Offeror must compile and maintain records on its provision of goods, services or both to the federal government under contracts resulting from the Standing Offer. This data must include all purchases, including those paid for by a Government of Canada Acquisition Card.

The Offeror must provide this data in accordance with the reporting requirements detailed in Annex "F". If some data is not available, the reason must be indicated. If no goods or services are provided during a given period, the Offeror must still provide a "nil" report.

The data must be submitted on a quarterly basis to the Standing Offer Authority.

The quarterly reporting periods are defined as follows:

1st quarter: April 1 to June 30;

2nd quarter: July 1 to September 30;

3rd quarter: October 1 to December 31;

4th quarter: January 1 to March 31.

The data must be submitted to the Standing Offer Authority no later than thirty (30) calendar days after the end of the reporting period.

#### 6.4 Term of Standing Offer

##### 6.4.1 Period of the Standing Offer

The period for making call-ups and providing services against the Standing Offer is for three years from issuance (no earlier than May 1, 2016).

---

#### 6.4.2 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 one (1) year periods, 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.

#### 6.4.3 Delivery Points

Delivery of the requirement will be made to delivery point(s) specified at Annex "D" of the Standing Offer.

#### 6.5 Authorities

##### 6.5.1 Standing Offer Authority

The Standing Offer Authority is:

Cassandra Shannahan  
Public Works and Government Services Canada  
Acquisitions Branch  
Commercial and Consumer Products Directorate  
11 Laurier Street, 6A2, Phase III  
Place du Portage, Gatineau, Québec, K1A 0S5

Telephone: (819) 420-1068  
Facsimile: (819) 956-3814  
E-mail address: cassandra.shannahan@pwgsc-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.

##### 6.5.2 Project Authority

Nom : Cathy Corney  
Telephone: 613-945-6621  
Fax: 613-945-6646  
Email: cathy.corney@forces.gc.ca

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.

##### 6.5.3 Offeror's Representative *(to be completed by Bidder)*

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Address \_\_\_\_\_

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-Mail Address: \_\_\_\_\_

## 6.6 Identified Users

The Identified User authorized to make call-ups against the Standing Offer is: DND, 101 Colonel by Drive, Ottawa, Ontario, DLP 3 Directorate, and designated subordinates.

## 6.7 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

## 6.8 Call-up Procedures

More than one Standing Offer may be issued. Authorized Users will use the Standing Offer that has been issued for the Group or item that is being purchased.

## 6.9 Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed \$400,000.00 (Applicable Taxes included). PWGSC will have the authority to do call-ups on behalf of the client as per Treasury Board Contracting Limits for non-competitive contract approval authority.

## 6.10 Priority of Documents

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

- a) the call up against the Standing Offer, including any annexes;
- b) the articles of the Standing Offer;
- c) the general conditions 2005 (2016-04-04), General Conditions - Standing Offers - Goods or Services
- d) the general conditions 2010A (2016-04-04), General Conditions- Goods (Medium Complexity);
- e) Annex A, Requirement;
- f) Annex B, Basis of Payment;
- g) the Offeror's offer dated \_\_\_\_\_ (please fill in).

## 6.11 Certifications

### 6.11.1 Compliance

The continuous compliance with the certifications provided by the Offeror with its offer and the ongoing cooperation in providing additional information are conditions of issuance of the Standing Offer (SO). Certifications are subject to verification by Canada during the entire period of the SO and of any resulting contract that would continue beyond the period of the SO. If the Offeror does not comply with any certification, fails to provide the additional information, or if 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.

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

---

## **6.12 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 \_\_\_\_\_.

## **6.13 Price Lists**

Following issuance of a Standing Offer, it is the Offeror's responsibility to supply and update price lists and/or catalogues as Canada may require. The Offeror must provide one (1) copy of its catalogue and price list and updates to each Identified User requesting a copy. The Offeror must further send one (1) copy to the Standing Offer Authority at the address stated in the Standing Offer.

## **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.

### **6.1 Requirement**

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

### **6.2 Standard Clauses and Conditions**

#### **6.2.1 General Conditions**

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

Section 16 Interest on Overdue Accounts, of 2010A (2016-04-04) General Conditions – Good (Medium Complexity) will not apply to payments made by credit cards.

### **6.3 Term of Contract**

#### **6.3.1 Delivery Date**

Delivery must be completed in accordance with the call-up against the Standing Offer.

#### **6.3.2 Shipping Instructions – Delivery at Destination**

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

Delivered Duty Paid (DDP) (as per call-ups), Incoterms 2000 for shipments from a commercial contractor.

2. A list of potential delivery addresses is attached at Annex D. The Contractor must arrange a delivery appointment by contracting the clinic in advance using the phone number provided in Annex C.

#### **6.3.3 Preparation for Delivery – Canadian Forces Packaging Specifications**

The Contractor must prepare all items for delivery in accordance with the latest issue of the Canadian Forces packaging specifications D-LM-008-035/SF-001 Electrostatic Discharge Protective Packaging - Electronic Parts, Assemblies and Equipment.

#### **6.3.4 Additional Package Markings – Different**

1. The Contractor must ensure that in addition to the required interior and exterior package markings, the following information is provided:
  - a. NATO Stock number / part number;
  - b. Manufacturer's name;
  - a. Batch or lot number; and
  - b. Date of manufacture

2. These markings must be applied and positioned in accordance with Canadian Forces Packaging Specification D-LM-008-002/SF-001.

### 6.3.5 SACC Manual Clause

[D2025C](#) (2013-11-06), Wood Packaging Materials  
[D6010C](#) (2007-11-30), Palletization

## 6.4 Payment

### 6.4.1 Basis of Payment – Firm Prices

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices as specified in Annex B for a cost of \$TBD at call up. Customs duties are included and Applicable Taxes are extra.

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.

### 6.4.2 Multiple Payments

[H1001C](#) (2008-05-12), Multiple Payments

### 6.4.3 SACC Manual Clauses

[C2000C](#) (2007-11-30), Taxes – Foreign – Based Contractor

### 6.4.4 Electronic Payment of Invoices – Call-up

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

## 6.5 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.
  - (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

## 6.6 Insurance

SACC Manual clause [G1005C](#) (2016-01-28), Insurance

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

---

## 6.7 **SACC Manual Clauses**

[A9062C](#) (2011-05-16), Canadian Forces Site Regulations

[A9006C](#) (2012-07-16), Defence Contract

[B1501C](#) (2006-06-16), Electrical Equipment

[B7500C](#) (2006-06-16), Excess Goods

[D5545C](#) (2010-08-16), ISO 9001:2008 - Quality Management Systems - Requirements (Quality Assurance Code C)

---

## ANNEX "A"

### REQUIREMENT

#### PURCHASE DESCRIPTION AND TECHNICAL DATA PACKAGE

#### DENTAL CLINICAL EQUIPMENT

#### 1.0 SCOPE

- 1.1 This package establishes the Royal Canadian Dental Corps minimum equipment standards and requirements.

#### 1.2 DEFINITIONS

The following definitions apply to this data package:

**EQUIPMENT:** A complete assembly, item or component which is designed to carry out a specific function or functions and is compatible with other sub-assemblies, assemblies, items and components and is complete within itself.

**SYSTEM:** One or more pieces of equipment that are compatible and integrated form a system.

**ASEPSIS:** The absence of harmful bacteria; aseptic methods aimed at the absence (rather than counteraction – ANTISEPTIC) of septic matter. For purposes of this package, asepsis relates to equipment design, finishes and clean-ability.

#### ACRONYMS AND ABBREVIATIONS

**RCDC:** ROYAL CANADIAN DENTAL CORPS

**UL:** UNDERWRITER LABORATORIES

**CSA:** CANADIAN STANDARDS ASSOCIATION

**ADA:** AMERICAN DENTAL ASSOCIATION

**CDA:** CANADIAN DENTAL ASSOCIATION

#### 2.0 EQUIPMENT DESCRIPTION

#### 2.1 GENERAL DESCRIPTION

- 2.1.1 This package describes dental clinical equipment which must include integrated fiber optic pneumatic and electric handpiece delivery system/unit (having the capability of rapid left / right side conversion without the use of tools), patient chair (hydraulic and worm gear driven), LED operating light, dentist stool, dental assistant stool with belly and back support, sterilization equipment, operatory and clinical casework of various configurations, compressors of various sizes, evacuation equipment (vacuum systems) of various sizes and intraoral x-ray. No prototypes or refurbished equipment of any kind will be accepted.

---

2.1.2 Detailed requirements are contained in separate description / data packages which form this system. Each item and description can be found in Annex A-1 to Annex A-12 attached herein.

## **2.2 APPROVAL STANDARD**

2.2.1 Equipment must be UL / CSA approved.

## **2.3 General Requirements**

### **2.3.1 COMPATIBILITY**

2.3.2 The equipment and components must be from a manufacturer or those authorized by the manufacturer to distribute, and provide warranty support/parts/service.

2.3.3 The equipment and components must form an integrated system and be compatible with other systems, equipment, components and materials used within the RCDC (existing vacuum piping used with Dentalez RamVac and/or Midmark systems, junction box sizing previously used for ADEC and/or Midmark units).

2.3.4 The following pieces of equipment must come from the same manufacturer to ensure upholstery match and proper fit: Chair Dental Operating, Stool Dental Operating Dental Assistant, Stool Dental Operating Dental Officer, Unit Dental Operating and Light Dental Operating.

2.3.5 All casework must be from the same manufacturer to ensure colour match and fit.

## **2.4 ASEPSIS**

2.4.1 The system / equipment / components must conform to existing ADA / CDA asepsis / disinfection criteria.

## **2.5 ERGONOMICS**

2.5.1 The system / equipment / components must be equipped with adaptors and conversion kits if required.

## **2.6 MATERIALS AND WORKMANSHIP**

### **2.6.1 MATERIALS**

2.6.1.1 All materials must be new and must conform to applicable specifications stated herein. Materials not specifically described must be of high commercial quality and must be entirely suitable for the dental application intended.

### **2.6.2 FASTENING DEVICES**

2.6.2.1 All screws, pins, bolts and similar parts must be installed in such a manner as to prevent change in tightness and those subject to removal must not be swaged, peened, staked or otherwise permanently deformed.

### **2.6.3 PAINT AND FINISH**

2.6.3.1 The exterior surfaces of the equipment which are not otherwise finished and for which a painted surface is suitable must have a coating of high grade smooth, stain/acid/surface disinfectant resistant paint. Exposed non-finished metal must be polished and anodized.

---

## **2.7 DESIGN AND CONSTRUCTION**

### **2.7.1 DESIGN**

- 2.7.1.1 The equipment must be new and of proven design. The design and construction of the equipment must include all components, parts, and fixtures necessary to meet the performance requirements specified herein. All parts subject to wear or breakage must be accessible for adjustment, replacement or repair.
- 2.7.1.2 To provide for replacement of worn parts, all parts bearing the same part number must be functionally interchangeable and must be dimensionally identical within the manufacturing tolerance limits in use by the manufacturer.
- 2.7.1.4 The equipment and its controls must be equipped with efficient safety devices for the protection of the operator and/or patient and the equipment.
- 2.7.1.5 Covers, guards or other means of protection must protect the operator and/or patient from moving parts and electrical components that may cause injury but must not interfere with the proper operation of the equipment. Safety devices such as electrical limit switches, positive stops, interlocks and warning signals must protect the equipment against overload, over-travel, or malfunction of a component.
- 2.7.1.6 Cautionary labels indicating high voltages, high temperatures, radiation emission, high fluid or air pressures, noxious fumes and gases and moving parts that could endanger the operator and/or patient must be affixed to the equipment, be highly visible and be in English or international symbols.

### **2.7.2 CONSTRUCTION**

- 2.7.2.1 The equipment must be so constructed that when installed it must be ready for operation. The equipment must be constructed of new parts that are without defect and are free of repair. The structure must be capable of withstanding all forces encountered during operation of the equipment to its maximum rating and capacity without permanent deformation.

## **2.8 IDENTIFICATION**

- 2.8.1 The manufacturer's name, trademark or other such known characteristics must appear on the equipment so that the source of manufacture must be permanently identifiable.
- 2.8.2 Plates, stampings or engravings indicating model, serial number, CSA/UL approval, electrical and mechanical ratings must be permanently attached and accessible to the equipment.

## **3.0 WARRANTY / GUARANTEE**

- 3.1 All equipment listed must be from a manufacturer or manufacture authorized distributor capable/authorized to resolve warranty issues and supply repair parts.
- 3.2 The equipment supplied by the contractor must be guaranteed to be free from manufacturing and operational defects for a warranty period of minimum 12 months or the manufacturer's standard warranty, whichever is longer, from the date of installation and run-up by the contractor's representative and/or certified dental technician. The date of installation and run up can vary from the date of delivery by as much as six (6) months due to renovation/build dates of completion. The contractor must rectify defects by adjustment, repair or replacement and must be responsible for the provision of all material, labour and field service at his own expense during the

---

term of the warranty period. The contractor must make good all defects within 14 days of being informed in writing that service is required.

- 3.2.1 If required the contractor must provide loaner equipment, at his own expense, during the warranty period.
- 3.2.2 Repair parts, components and assemblies must be available from the contractor for a minimum of 7 (seven) years from last purchase date.

#### **4.0 INSTALLATION AND AFTER SALES SERVICE SUPPORT**

- 4.1 Installation services/after sales service support (operation demos) must be available on request.

#### **5.0 POST WARRANTY SUPPORT**

- 5.1 The contractor must liaise/co-ordinate with the Department of National Defence's (DND) contracted certified Dental Equipment Technicians on equipment repair issues. These technicians may or may not be authorized distributors of the contractor's equipment. Requested/required parts/supplies, identified by the contracted technician, are to be supplied/invoiced at the government agreed to pricing/discounting directly to the DND's Dental Clinics to maintain /repair equipment offered by the contractor and owned by DND.

#### **6.0 MANUALS**

##### **6.1 OPERATORS MANUALS (or equivalent: internet access to the information, CD)**

- 6.1.1 Operator manuals must be in both English and French
- 6.1.2 Operator instruction manuals must accompany each piece of equipment.
- 6.1.3 The manual must contain, but not be limited to: step by step instructions for the operation of the equipment, a troubleshooting guide, and operator's maintenance, minor repair and adjustment instructions.

##### **6.2 MAINTENANCE MANUALS/EQUIPMENT/PARTS/PRICE LISTS**

- 6.2.1 Two (2) complete set of Manufacturers Manuals consisting of specifications, installation, operation, maintenance and repair instructions on each piece of equipment along with a complete catalogue of the vendors equipment with prices (or equivalent: internet access to the information, CD) must be forwarded to:

Department of National Defence (DND)  
Director Dental Services (DDS) 4-2  
Dental Clinic Facilities and Technical Standards (DCFTS)  
Room 251  
1745 Alta Vista Dr.  
Ottawa, Ontario K1A 0K6

#### **7.0 SAMPLES**

- 7.1 All Items of equipment that have colour and material choices must have real/actual material and colour samples (casework, counter tops (chair and stool upholstery.)

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

---

## **8.0 TRAINING**

- 8.1 Contractors that presently provide equipment maintenance /repair training allow attendance by Canadian Armed Forces and Department of National Defence dental personal at no cost to the contractor.

---

**Annex A-1**

**FREESTANDING / REAR DELIVERY CASEWORK**

**ITEM 1: FREESTANDING/REAR DELIVERY**

1. The casework must be purpose built for a dental application and constructed of stainless steel.
2. The casework must have the ability to accommodate an integrated rear delivery dental operating unit purpose built to fit the specific casework.
3. The casework must be of modular construction, come in various configurations of drawers, shelves, and doors, all of which are interchangeable by the end user without structural manipulation.
4. The casework must have solid acrylic counter tops (i.e. Corian, Gibraltar, or equivalent) available in various colours.
5. The casework drawers must be constructed of seamless one piece-molded poly and operate on metal drawer glides.
6. The casework drawers must have rounded inside corners.
7. The casework's steel surface must be covered with baked on scratch resistant paint. Door and drawer panels must be plastic covered.
8. The casework must come complete with task lighting and a minimum of two duplex electrical receptacles.
9. The casework must have various colour / finish options available. The end colour will be determined from samples supplied by bidder and chosen at time of order submission.
10. All four corners of each modular casework unit must have independent adjustable leveling feet.
11. The freestanding rear delivery casework must measure between 42 and 46 inches long, 72-75 inches high and 20-24 inches deep.
12. The caseworks must have integrated door/drawer handles.
13. The bidder must have a complete selection of casework: purpose built to accommodate Central Sterilization Rooms, dental operating bays and all other areas of a dental clinic that require casework. As with the Freestanding/Rear Delivery Casework specifications #1, 3, 4, 5, 6, 7, 8 (as required), 9, 10, and 12 apply. This casework must also have the option to have waste chutes created in the counter tops where required.

---

## ANNEX A-2

### CENTRAL STERILIZATION ROOM CASEWORK

#### **ITEM: 2 CENTRAL STERILIZATION ROOM CASEWORK**

1. The casework must be purpose built for a Central Sterilization Room (CSR).
2. The casework must have steel frame construction.
3. The casework must be of modular construction and come in various configurations of drawers, shelves, and doors that are interchangeable by the end user without structural manipulation.
4. The casework must have solid acrylic counter tops (i.e. Corian, Gibraltar, or equivalent) available in various colours and finishes. End colour/finish is to be determined from real samples supplied by bidder and chose at time of order submission.
5. The casework drawers must be constructed of seamless one piece-molded poly and operate on ball bearing glides.
6. The casework drawers must have rounded inside corners.
7. The casework external surface must be covered with baked on scratch resistant paint. Drawer and door panels are to be covered in polymer.
8. The casework must come complete with task lighting.
9. The casework must have various colour/finish options available and end colour is to be determined from real samples supplied by bidder.
10. All four corners of each modular unit must have independent adjustable leveling feet.
11. The casework must come with a hands free water faucet.
12. The caseworks must have integrated door/drawer handles.
13. The sterilization casework must come in an 8 foot, 10 foot, and 12 foot configurations but also have the capability of custom configurations for smaller and larger sizes.
14. The bidder must have a complete selection of casework built to accommodate the dental lab, dental operating bays and all other areas of a dental clinic that require casework. As with the Freestanding/Rear Delivery Casework specifications #1, 3, 4, 5, 6, 7, 8 (as required), 9, 10, and 12 apply. This casework must also have the option to have waste chutes created in the counter tops where required.

---

**Annex A-3**

**WORM GEAR DRIVEN CHAIR**

**ITEM 3: WORM GEAR DRIVEN CHAIR**

1. All chair movement functions (chair base up/down, back and/or seat up/down) must be driven through worm gear operation.
2. The chair must have a double articulating headrest.
3. The chair must have adjustable, automatic, preset positioning.
4. The chair must have membrane switches on both the Doctor and Assistant's sides of the chair.
5. The chair must have a full function foot control.
6. The chair must be able to support a minimum weight of 325 Lbs as well as the weight of a light, operating unit and assistant's center.
7. The chair must have models that can operate on 110v and models that operate on 230v.
8. The chair must come in a variety of colors, with final color to be determined by the user from samples supplied by the bidder.
9. The chair minimum range of seat height adjustment must be between 21inches and 34 inches.
10. The chair must be able to accommodate an adjustable IV arm board.
11. The chair must be available in a standalone model, have swivel and non-swivel options, as well a model able to accommodate a purpose built dental operating unit, dental operating light and an assistant's instrument holder.

---

**Annex A-4**

**UNIT, DENTAL OPERATING**

**ITEM 4 UNIT, DENTAL OPERATING**

1. The unit must be a traditional style delivery system.
2. The unit must be capable of quick conversion to right or left-handed dentistry without the use of tools.
3. The unit must be available in the following models:  

Chair/system mounted  
Casework mounted
4. The unit must not have a cuspidor and/or post box.
5. The unit must have left/right air-activated brake release with integrated safety disengage.
6. The unit must have a minimum of one (1) unit mounted touch pad control for all chair functions.
7. If a control block system is used it must be manufactured of metal.
8. The unit must have a water and air adjustment/mixture to be controlled with separate knobs for each handpiece/air-water syringe, via needle valves for precision and control – controls to be concealed from aerosol for asepsis control, but must be easily accessible for adjustment.
9. The unit must have non-retracting handpiece water coolant.
10. The unit must have an integrated intra-oral light system to accommodate up to a four (4) handpieces.
11. The unit must have a handpiece flush system.
12. The unit must have handpiece tubing that is straight, not coiled.
13. The unit tray must be capable of supporting 5 positions. One position will be a syringe, four will be a mixture of pneumatic and electric to be specified on call up.
14. The unit must be configured so that positioning from left to right - position 1 is for autoclavable tri-flow air/water/spray syringe.
15. The unit assistant's instrumentation center is not to be connected off the vertical back of the patient chair and is to be adjustable in location via a multi-positional armature. Assistant's instrumentation center to include at minimum the following:
  - a. One autoclavable tri-flow syringe on assistant's instrumentation center.
  - b. Two HVE (high volume evacuators) on assistant's instrumentation center – one to be terminated with a funnel shaped spittoon.
  - c. One saliva ejector.

- 
- d. One chair position/control touchpad for assistant's use.
16. The unit must have a self-contained water system which can be switched to city water.
  17. The unit must have one standard ¼" water quick connect for future Cavitron connection.
  18. The unit must have a wet/dry disc foot control with minimum seven (7) foot tubing.
  19. The unit must have one stainless steel instrument tray that sits on top of the unit.
  20. The unit must have one light post mounted, and removable accessory shelf for additional equipment (such as a Cavitron).
  21. The unit must have an external umbilical connection to the contoured floor box/utility center with length to be a minimum of four (4) feet.
  22. The unit's floor box/utility center must be able to retrofit sites that previously had ADEC and/or Midmark units installed using the standard floor box. No renovations must be necessary in order to accommodate new units.
  23. The unit's floor box/utility center must contain a multi-purpose power supply for the entire unit, include connections/regulators for vacuum, compressed air and future city water connection with remaining space to accommodate an electrical quad box.
  24. The unit must have a quick switch/quick connect feature on the clean water system.
  25. The dental operating unit must be from the same manufacturer as the Chair Dental Operating to ensure proper fit and trouble-free attachment.

---

**Annex A -5**

**CHAIR, DENTAL OPERATING**

**ITEM 5: CHAIR, DENTAL OPERATING**

1. The upholstery must be seamless.
2. The chair upholstery must be available in different colours.
3. The chair seat in its lowest position measured from the floor to the top of the seat cushion must not exceed 18 inches.
4. The chair must have ergonomic armrest movement for easy patient entry into the chair and exit from the chair.
5. The chair arm/sling rests must support a minimum weight of 325 lbs.
6. The chair must articulate such that the headrest and chair-back are capable of placing the patient in the supine and sub supine position. Both positions must allow the operator to function from the 11 and 1 o'clock positions.
7. The chair must have a double articulating headrest.
8. The chair must have a minimum of 30 degree swivel left and right (15° each direction, 30° total) and lock in place.
9. The chair must have a safety plate shut-off for downward movement of chair in case of obstruction.
10. The chair must include a seven (7) function foot switch of which three (3) must be operator programmable buttons/functions.
11. The chair must have an automatic return to exit.
12. The chair must be capable of accepting a dental operating unit that can be positioned on either the left or right sides of the chair. This change of position from left to right must be able to be performed without the use of tools.
13. The following pieces of equipment must come from the same manufacturer as the Chair Dental Operating to ensure upholstery match and proper fit: Stool Dental Operating Dental Assistant, Stool Dental Operating Dental Officer, Unit Dental Operating and Light Dental Operating.

## **Annex A-6**

### **STOOL, DENTAL OPERATING - Dental Officer**

#### **ITEM 6: STOOL, DENTAL OPERATING - Dental Officer**

1. The stool must have five (5) castors for hard surfaces with 360 degrees rotation.
2. The stool must have a contoured seat with seamless upholstery.
3. The stool must have a vertical back support.
4. The stool must have ratcheted back rest height adjustment.
5. The stool must have ergonomically located adjustment levers/paddles allowing user access by hand. There must be no requirement to dismount the stool in order to adjust height and tilt.
6. The stool must have integral gas cylinder for height adjustment. Provide a minimum seat height adjustment range between 16 and 25 inches through the use of a max of 3 cylinder sizes.
7. The stool must have the option of coming equipped with arm rests that are height adjustable.
8. The stool must be available in different colours.

The stool must be from the same manufacturer as the Chair Dental Operating to ensure upholstery match.

---

**Annex A-7**

**STOOL, DENTAL OPERATING - DENTAL ASSISTANT**

**ITEM 7: STOOL, DENTAL OPERATING - Dental Assistant**

1. The stool must have five (5) castors for use on hard surfaces, with 360 degrees rotation.
2. The stool must have a rotational contoured seat and seamless upholstery.
3. The stool must have a vertical lumbar support and ratchet release, height adjustable "belly-bar" support available for both left and right users.
4. The stool must have adjustment levers/paddles ergonomically located to allow the operator access by hands without the requirement to get off the stool.
5. The stool must have an integrated footrest that automatically adjusts with the seat height.
6. The stool must have an integral adjustable gas cylinder with a height range of between 21.75 inches and 27.5 inches plus or minus 1.5 inches.
7. The stool must be able to support a minimum weight of 325 lbs.
8. The stool must be available in seamless upholstery in varying colours.
9. The stool must be from the same manufacturer as the Chair Dental Operating to ensure upholstery match.

## **Annex A-8**

### **LIGHT, DENTAL OPERATING**

#### **ITEM 8 LIGHT, DENTAL OPERATING**

1. The light must be designed to provide lighting for dental procedures.
2. The light must have three (3) axis of rotation at light head (swivel, tilt, rotate).
3. The light must have a three (3) position intensity switch/setting.
4. The light must operate using LEDs.
5. The light must have Button/Toggle-free on/off activation (i.e. infrared or change in light height, automatic on/off).
6. The light must have cool touch handles – regardless of how long light remains in operation.
7. The light must have an operating colour of bright daylight, colour temperature of 5500 degrees plus or minus 500 degrees.
8. The light must be chair/dental equipment set mounted and powered via the dental unit's utility center.
9. The light must have an adjustable flex arm that holds steady and constant when positioned.
10. The light must have a composite safe mode/setting.
11. The light must be from the same manufacturer as the Chair Dental Operating to ensure proper fit and trouble-free attachment.

---

**Annex A-9**

**STERILIZER, DENTAL**

**ITEM 9: STERILIZER, DENTAL**

1. The sterilizer must be an automatic steam sterilizer with electronic operation and controls and include at least two (2) trays.
2. The sterilizer must be considered a table top model requiring a foot print of no more than 18 X 22 inches and accommodate, as a minimum, 20 Hu-Friedy Exam or Handpiece Cassettes, or 8 Hu-Friedy Small 10 instrument cassettes, or 4 Hu-Friedy large cassettes or 4 Hu-Friedy Oral Surgery Cassettes.
3. The sterilizer's cycle for unwrapped instruments must reach 270 degree F/132 degree C.
4. The sterilizer must have a minimum of four (4) pre-programmed sterilization settings for handpieces, wrapped, unwrapped, and steri-envelopes, or similar.
5. The sterilizer must have minimum two (2) custom programmable buttons for user defined sterilization cycles.
6. The sterilizer must be capable of being filled with water from the front.
7. The sterilizer must have LCD screen to display messages, including but not restricted to, selected cycle, sterilization status, time, pressure and temperature.
8. The sterilizer must have a manual stop/abort button/switch.
9. The sterilizer must have an integrated safety feature precluding unit operation when the water level is low, or the door is not completely latched.
10. The sterilizer must have available vertical and/or horizontal racks.
11. The sterilizer must have the option of an integrated printer.
12. The sterilizer must be available in 110V and 230V models.
13. The sterilizer must be CSA certified, UL listed and meet the requirements for pressure vessels.

---

**Annex A-10**

**LUBE FREE DENTAL COMPRESSOR**

**ITEM 10: LUBE FREE DENTAL COMPRESSOR**

1. The compressor must be lubricant free and specifically designed for dental use.
2. The compressor must have an on and off remote power switch.
3. The compressor must be available in dual and triple head motor models.
4. The compressor air filter and dryer draining feature must be automatic and require no user intervention.
5. The compressor must have a coalescing filter and desiccant dryer.
6. The compressor must have overload protection circuitry.
7. The compressor must be UL or CSA listed and meet all requirements required for pressure vessels.
8. The compressor must be available in various configurations to support small (3-5 operatories) clinics - 2-3 users, medium (6-9 operatories) clinics - 4-6 users, large (10-15 operatories) clinics - 7-8 users, X-large (16-30 operatories) clinics - 8-12 users.
9. The compressor normal operating noise levels must not exceed 78dB.
10. The compressor must be available in 110v and 230v for the small size (2-3 user) and 230V for the remaining sizes.
11. The compressor must supply a minimum of 100PSI.
12. The compressor must have a manually adjustable pressure switch.
13. The compressor must have an hour meter and a pressure indicating gauge.

---

**Annex A-11**

**WATERLESS DENTAL EVACUATION SYSTEM**

**ITEM 11: WATERLESS DENTAL VACUUM SYSTEM**

1. The vacuum system must be a non-turbine dry vacuum system specifically designed for dental use.
2. The vacuum system must be able to be connected to a low voltage remote on and off power switch.
3. The vacuum system must be a 100% water free system.
4. The vacuum system must have an operating range 208-230v.
5. The vacuum system must be capable of producing a minimum vacuum of 10 inches of Hg, with a continuous operating range of 10-15Hg.
6. The vacuum system must be UL or CSA listed.
7. The vacuum system must be available in Configurations that can support small (3-5 operatories) clinics - 2-3 users, medium (6-9 operatories) clinics - 4-6 users, large (10-15 operatories) clinics - 7-8 users, X-large (16-30 operatories) clinics - 8-12 users.
8. The vacuum system normal operating noise levels must not to exceed 78dB.
9. The vacuum system must be stackable.
10. The vacuum system must be compatible with Solmetex HG Amalgam Separator units.
11. The vacuum system must be capable of replacing other vacuum systems (Dentaleze 202 wet vacuum system and Dentalez RamVac and Midmark PowerVac dry vacuum systems) without requiring plumbing reconfigurations.
12. A single vacuum system must be upgradable to a double to accommodate future renovations increasing dental bays.
13. The vacuum system must record hours of operation and display vacuum level.

---

## Annex A-12

### INTRAORAL X-RAY

#### **ITEM 12: INTRAORAL X-RAY**

1. The x-ray unit must consist of, but not limited to: a control unit, an operator's panel and a remote station or an operator's panel that can be used as a remoter station, a horizontal arm, an articulating arm, a tube head, a cone and optional mobile stand.
2. The x-ray unit must be a DC unit.
3. The equipment (control, operator's panel/remote station, horizontal arm, articulating arm, tubehead, cone and optional mobile stand) shall be from the same manufacturer and form an integrated unit.
4. The x-ray must be configurable as a mobile X-ray with the use of an optional stand. The mobile stand must be specifically designed and engineered for this x-ray apparatus.
5. The exterior surfaces of the equipment (which are not otherwise finished and for which a painted surface is suitable) shall have a coating of high grade smooth, stain/acid/surface disinfectant resistant paint. Exposed non-finished metal shall be polished and anodized.
6. The x-ray equipment shall be UL and/or CSA approved.
7. The x-ray and accessories must conform to the requirements of the Radiation Emitting Devices Act, the Food and Drugs Act, and the Regulations for dental x-ray equipment and all other recommendations as per Safety Code 30 (Radiation Protection in Dentistry Recommended Safety Procedures for the Use of Dental X-ray Equipment).
8. Controller:
  - a. The controller must be digital;
  - b. The controller must be available in both 110 and 220 volts;
  - c. The controller must have automatic line voltage compensation;
  - d. The controller must prevent the x-ray from operating if the duty cycle is exceeded;
  - e. The operator's panel must be integral to the controller and must be removable to allow installation and use as a remote station/location;
  - f. The controller must have a mounting plate available, double stud wood/metal mounting;
  - g. The controller must have an adjustable brake assembly to prevent horizontal arm drifting or movement without being purposely positioned.
9. Operator's Panel / Remote Station DC Unit:
  - a. The unit must be mountable on the controller and remotely mountable;
  - b. The unit must have numerical and anatomical display;
  - c. The unit must have preprogrammed adjustable time settings;
  - d. The unit must have an exposure time selection and time display;
  - e. The unit must have tooth selection;
  - f. The unit must have patient size selection;
  - g. The unit must have exposure button with cord for optional mobile mounting stand;
  - h. The unit must have a ready indicator and radiation indicator;
  - i. The unit must have adjustable KV, MA and time.

- 
10. The horizontal arm must be supplied in varying lengths, configurations to include but not limited to the following range 1450 mm - 1900 mm to suit a number of possible installation options, and friction screw (arm brake assembly) adjustment to prevent drifting of articulating arm.
  11. The articulating arm must have friction adjustment points at all pivot points of the articulating arm for optimum ease of tubehead positioning and vertical movement adjustment and balance adjustment to prevent drifting.
  12. Tubehead:
    - a. The Yolk Assembly must have 360 degrees rotation.
  13. The cone must be available in two (2) sizes: short cone and long cone, for short cone and long cone techniques but supplied with the short cone as default.
  14. Mobile Stand:
    - a. The mobile stand must be compact in design to fit through standard door openings, and heavy enough to prevent tipping with the x-ray arm fully extended;
    - b. The mobile stand must have a handle for manipulating the unit into position;
    - c. The mobile stand must have a minimum of four (4) meter electrical cord;
    - d. The mobile stand must have a minimum of four (4) heavy-duty casters with 360 degrees swivel;
    - e. The mobile stand must have a minimum of two (2) locking wheels;
    - f. All surfaces must be able to be cleaned and disinfected.

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
pv873  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

**ANNEX "B"**

**BASIS OF PAYMENT**

DDP Destination, including all shipping, delivery and off-loading charges, Customs Duties included, GST/HST extra, if applicable.

The estimated quantities listed herein are for evaluation purposes only and will not form part of the resulting Standing Offer. Actual usage may vary from the amounts shown.

**Pricing A**

Dental Equipment (As per Annex A) – All items in this Group must be bid on by the same Offeror and all casework must be from the same manufacturer.							
Item	Description	Unit of Measure	Firm Unit Price				Number of Units for Evaluation Purposes (F)
			Year 1 (A)	Year 2 (B)	Year 3 (C)	Option Year 1 (D)	
1	Free Standing Rear Delivery Casework	Each					40
2-1	Sterilization Casework 8Ft Length	Each					3
2-2	Sterilization Casework 10Ft Length	Each					3
2-3	Sterilization Casework 12Ft Length	Each					3

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
pv873  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

<b>Group 2</b>									
Dental Equipment (As per Annex A) – All items in this Group must be bid on by the same Offeror and all equipment must be from the same manufacturer.									
Item	Description	Unit of Measure	Firm Unit Price					Number of Units for Evaluation Purposes (F)	
			Year 1 (A)	Year 2 (B)	Year 3 (C)	Option Year 1 (D)	Option Year 2 (E)		
4	Unit Dental Operating	Each							15
5	Chair, Dental Operating	Each							15
6	Stool, Dental Operating (DO)	Each							15
7	Stool, Dental Operating (DA)	Each							15
8	Light, Dental Operating	Each							15

Solicitation No. - N° de l'invitation  
 W8486-152099/A  
 Client Ref. No. - N° de réf. du client  
 W8486-152099

Amd. No. - N° de la modif.  
 pv873  
 File No. - N° du dossier  
 pv873.W8486-152099

Buyer ID - Id de l'acheteur  
 pv873  
 CCC No./N° CCC - FMS No./N° VME

Dental Equipment (As per Annex A) – All items in this Group must be bid on by the same Offeror and all sizes must be from the same manufacturer.							
Item	Description	Unit of Measure	Firm Unit Price				Number of Units for Evaluation Purposes (F)
			Year 1 (A)	Year 2 (B)	Year 3 (C)	Option Year 1 (D)	
10	Compressor, Small Clinic	Each					3
10	Compressor, Medium Clinic	Each					3
10	Compressor, Large Clinic	Each					3
10	Compressor, Ex-Large Clinic	Each					3

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
pv873  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

<b>Group 4</b>									
Dental Equipment (As per Annex A) – All items in this Group must be bid on by the same Offeror and all sizes must be from the same manufacturer.									
Item	Description	Unit of Measure	Firm Unit Price				Option Year 2 (E)	Option Year 1 (D)	Number of Units for Evaluation Purposes (F)
			Year 1 (A)	Year 2 (B)	Year 3 (C)	Option Year 1 (D)			
11	Evacuation System, Small Clinic	Each							3
11	Evacuation System, Medium Clinic	Each							3
11	Evacuation System, Large Clinic	Each							3
11	Evacuation System, Ex-Large Clinic	Each							3

Solicitation No. - N° de l'invitation  
 W8486-152099/A  
 Client Ref. No. - N° de réf. du client  
 W8486-152099

Amd. No. - N° de la modif.  
 pv873  
 File No. - N° du dossier  
 pv873.W8486-152099

Buyer ID - Id de l'acheteur  
 pv873  
 CCC No./N° CCC - FMS No./N° VME

<b>Group 5</b>							
Dental Equipment (As per Annex A) – All items in this Group can be bid on individually.							
Item	Description	Unit of Measure	Firm Unit Price				Number of Units for Evaluation Purposes (F)
			Year 1 (A)	Year 2 (B)	Year 3 (C)	Option Year 1 (D)	
3	Worm Gear Driven Chair	Each					1
9	Sterilizer, Dental	Each					8
12	Intraoral X-ray	Each					2

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

---

## **PRICING B**

### **Other Items included in the Offeror's published catalogue/price list**

During the Standing Offer period and any optional years, the Offeror will be paid the firm unit price identified in their current dental equipment/supplies catalogue less a firm discount of \_\_\_\_\_ percent (%) (Minimum discount acceptable of 40%), DDP Destination, including all shipping, delivery and off-loading charges, Customs Duties included, GST/HST extra, if applicable.

Two months prior to the expiry date of the Standing Offer the Supplier must provide the Contracting Authority, identified herein, with a copy of their current "Published Price List" in effect at that time. The firm discount (%) shown above will be applied to the current "Published Price List". The resulting firm unit price will then be in effect for the period of extension.

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
pv873  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

**ANNEX "C"**  
**FINANCIAL EVALUATION EXAMPLE**

Please note that Offerors should use Annex B to submit their financial proposals, and **not** this Annex. This Annex is included for information purposes only; **any information added to this table will not form part of the proposal.**

The following table shows how the total evaluated price will be calculated for Groups 1-4.

Dental Equipment (As per Annex A) – All items in this Group must be bid on by the same Offeror and all equipment must be from the same manufacturer.									
Item	Description	Unit of Measure	Firm Unit Price				Number of Units for Evaluation Purposes (F)	Average Unit Price for Evaluation Purposes (G)	Extended Total For Evaluation Purposes (H)
			Year 1 (A)	Year 2 (B)	Year 3 (C)	Option Year 1 (D)			
1	Free Standing Rear Delivery Casework	Each	\$ _____	\$ _____	\$ _____	\$ _____	40	Sum of Columns A to E Divided by 5	Average Unit Price Times 40
2-1	Sterilization Casework 8Ft Length	Each	\$ _____	\$ _____	\$ _____	\$ _____	3	\$ _____	\$ _____
2-2	Sterilization Casework 10Ft Length	Each	\$ _____	\$ _____	\$ _____	\$ _____	3	\$ _____	\$ _____
2-3	Sterilization Casework 12Ft Length	Each	\$ _____	\$ _____	\$ _____	\$ _____	3	\$ _____	\$ _____
<b>TOTAL EVALUATED PRICE (SUM OF COLUMN H) = \$ _____</b>									

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
pv873  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

The following table shows how the total evaluated price will be calculated for Group 5.

Group 5										
Dental Equipment (As per Annex A) – All items in this group can be bid on individually										
Item	Description	Unit of Measure	Firm Unit Price					Number of Units for Evaluation Purposes (F)	Average Unit Price for Evaluation Purposes (G)	Total Evaluated Price
			Year 1 (A)	Year 2 (B)	Year 3 (C)	Option Year 1 (D)	Option Year 2 (E)			
3	Worm Gear Driven Chair	Each	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	1	Sum of Columns A to E Divided by 5	Average Unit Price X Column (F)
9	Sterilizer, Dental	Each	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	8		\$ _____
12	Intraoral X-ray	Each	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	2		\$ _____

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

**ANNEX "D"**  
**CLINIC ADDRESSES**

Clinic Location	Posn #
1 Dental Unit Detachment Gander, 9 WG Gander PO Box 9000, Stn Main, Gander, NF, A1V 1X1 709-256-1703 ext 1268 or 1388	42929 (AA2099)
1 Dent Unit St Detachment St. John's 309 Langley St, Station B St John's, NL, A1C 6B5 709-570-4541 or 709-570-4792	42506 (SLOC AV0139)
1 Dental Unit Detachment Goose Bay 5 Wing Bldg PO Box 7002, Station A Happy Valley, Goose Bay, NF A0P 1S0 709-570-4541 or 709-570-4792	42506 (SLOC AA2035)
1 Dental Unit Detachment ASU Gagetown, Bldg A-47 and Bldg A-337 PO BOX 17000 Stn Forces, Oromocto, NB, E2V 4J5 506-422-2000 ext 2184	42760 (SLOC AA2053)
1 Dental Unit Detachment CFB Halifax Bldg S80 McCallum Bldg 3 <sup>rd</sup> Floor PO Box 99000 Stn Forces Halifax, NS, B3K 5X5 1-902-424-0550 Ext 8964	42862 (SLOC AA2073)
Shearwater Satellite clinic of Halifax 1 Dental Unit Det Shearwater PO Box 5000 Stn Main 12 Wing Shearwater, NS B0J 3A0 1-902-424-0550 ext 8964	42838 (SLOC AA2072)
1 Dental Unit Detachment Greenwood PO Box 5000, Station Main Bldg #14 2 <sup>nd</sup> Ave Greenwood, Nova Scotia, B0P 1N0 902-765-1494 ext 5133	42862 (SLOC AA2074)
1 Dental Unit Detachment Halifax HMCS Preserver PO Box 99000 STN Forces Halifax NS K8H 2X3 902-721-8710	45438 (SLOC 8E1374)
Détachement de la 1 <sup>ère</sup> Unité Dentaire 3e Escarde Bagotville CP 5000 Succursale Bureau-Chef Alouette (Québec), G0V 1A0 1-418-677-4000 ext 7152	42919 (SLOC AA2092)
Détachement de la 1 <sup>ère</sup> Unité Dentaire USS Longue-Pointe C.P 4000, Succursale K, 6769 Notre-Dame Est Bât :7 Montréal, Québec, H1N 3R9 1-514-252-2777 ext 2965	42925 (SLOC AA1930)

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

<b>Détachement de la 1<sup>ère</sup> Unité Dentaire Unité de soutien de secteur St- Jean Megaplex St-Jean CP 100, Succursale Bureau Chef Grand-Bernier Green Sector Room N-200 Richelain, Québec, J0J 1R0 1450-358-7099 ext 7274</b>	<b>42781 (SLOC AA2089)</b>
<b>Détachement de la 1<sup>ère</sup> Unité Dentaire Unité de soutien de secteur Valcartier Rue des Braves, Bât 168 PO Box 1000 Stn Forces Courcelette, Québec, G0A 4Z0 1-418-844-5000 ext 6301</b>	<b>42911 (SLOC AA2060)</b>
<b>Détachement de la 1<sup>ère</sup> Unité Dentaire Unité de soutien de secteur La Citadelle PO Box 1000 Stn Forces Courcelette, Québec, G0A 4Z0 1-418-844-5000 ext 6301</b>	<b>42911 (SLOC AB2060)</b>
<b>5 Amb c Rue Des Braves, Bât 175 C.P. 1000 SUCC Forces Courcelette Que. G0A 4Z0 1-418-844-5000 EXT 6301</b>	<b>76226 (SLOC 8D2106)</b>
<b>Canadian Forces Health Services Training Center, Dental Service 72 El Alamein Rd West, Bldg 0-114 CFB Borden PO Box 1000, Stn Main, Borden, Ontario L0M1C0 1-705-424-1200 ext 2376</b>	<b>47191 (SLOC AA6602)</b>
<b>1 Dental Unit Detachment Ottawa National Defence Headquarters (NDHQ) Major-General George R. Pearkes Building 101 Col By Drive, 5<sup>th</sup> Floor CBS Ottawa, Ontario K1A 0K2 1-613-992-1846/1-613-943-8902</b>	<b>41832 (SLOC AA2062)</b>
<b>1 Dental Unit Detachment Montfort 713 Montreal Road. Ottawa ON K1K 0T2 1-613-945-1780</b>	<b>41832 (SLOC AA6342)</b>
<b>1 Dental Unit Detachment Dwyer Hill Satellite Clinic of NDHQ 1-613-992-1846</b>	<b>41832 (SLOC AB2062)</b>
<b>1 Dental Unit Detachment Ottawa Health Care Centre (NDMC) Main Floor 1745 Alta Vista Drive Ottawa, Ontario K1A 0K6 1-613-992-1846/1-613-943-8902</b>	<b>41832 (SLOC AB1931)</b>
<b>1 Dental Unit Detachment Petawawa 250 Somme Rd PO Box 9999, Station Main Petawawa, Ontario K8H 2X3 1-613-687-5511 ext 6382</b>	<b>41815 (SLOC AA2055)</b>
<b>1 Dental Unit Detachment Petawawa ANNEX Bldg M-12 54 Le Cateau Road Petawawa, Ontario K8H 2X3 1-613-687-5511 ext 6382</b>	<b>41815 (SLOC AA2055)</b>

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

<b>1 Dental Unit Detachment North Bay</b> <b>Stn Main Bldg 10</b> <b>Hornell Heights, Ontario P0H 1P0 1-705-494-6011 ext2211</b>	<b>42893</b> <b>(SLOC AA2083)</b>
<b>1 Dental Unit Detachment Kingston</b> <b>Bldg 62, 1 Entretien Ave</b> <b>PO Box 17000 STN FORCES Kingston , Ontario K7K 7B4</b> <b>1-613-541-5010 ext 5516</b>	<b>66313</b> <b>(SLOC AA2082)</b>
<b>1 Dental Unit Detachment Kingston</b> <b>Royal Military College</b> <b>22 Amiens Ave, Yeo Hall Bldg 32,</b> <b>Kingston, Ontario K7K 7B4</b> <b>1-613-541-5010 ext 5516</b>	<b>66313</b> <b>(SLOC AA2082)</b>
<b>1 Dental Unit Detachment Trenton</b> <b>50 Yukon</b> <b>PO Box 1000 Station Forces</b> <b>Astra, Ontario K0K 3W0</b> <b>1-613-392-2811 ext 3376</b>	<b>42908</b> <b>(SLOC AA2080)</b>
<b>1 Dental Unit Detachment Toronto</b> <b>The LCOL George Taylor Division 111 Armoury, 1 Yukon</b> <b>Lane, Toronto Ontario M3K 0A1</b> <b>1-416-633-6200 ext 3922</b>	<b>340149</b> <b>(SLOC AA2056)</b>
<b>1 Dental Unit Detachment Borden 72 El Alamein Rd West</b> <b>Bldg 0-114 PO Box 1000 STN Main</b> <b>Borden ON L0M 1C0</b> <b>1-705-424-1200 ext 2203</b>	<b>45773</b> <b>(SLOC AA3441)</b>
<b>1 Dental Unit Detachment Toronto</b> <b>ASU London, Building WB134</b> <b>701 Oxford St E</b> <b>London, ON N5Y4T7</b> <b>1-416-633-6200 ext 3922</b>	<b>340149</b> <b>(SLOC AA2054)</b>
<b>1 Dental Unit Detachment Meaford</b> <b>4<sup>th</sup> Canadian Division Training Centre</b> <b>RR1 Grey Rd</b> <b>112 Valour Road</b> <b>Meaford, ON N4L 0A1</b> <b>1-705-424-1200 ext2203</b>	<b>45773</b> <b>(SLOC AA3441)</b>
<b>1 Canadian Field Hospital</b> <b>PO Box 9999 STN Main</b> <b>147 Flanders Row (Bldg BB 104) Petawawa Ont. K8H 2X3</b> <b>1-613-687-5511 ext 4402</b>	<b>76061</b> <b>(SLOC 9D2112)</b>
<b>2 Field Ambulance - Dental Platoon CFB Petawawa PO Box</b> <b>9999 STN Main Petawawa Ont. K8H 2X3</b> <b>1-613-687-5511 ext 7250</b>	<b>75524</b> <b>(SLOC 8D2104)</b>
<b>1 Dental Unit Detachment Cold Lake</b> <b>Bldg #69 (Canex)</b> <b>PO Box 6550, Station Forces Cold Lake, Alberta T9M 2C6 1-</b> <b>780-840-8000 ext 8782</b>	<b>42826</b> <b>(SLOC AA2070)</b>

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

<b>1 Dental Unit Detachment Comox PO Box 1000 Station Main  Bldg 27 Aurora Road  Lazo, British Columbia V0R 2R0  1-250-339-8211 ext 8844</b>	<b>42808  (SLOC AA2066)</b>
<b>1 Dental Unit Detachment Wainwright  Bldg 633 GD Stn Main  Denwood, Alberta T0B 1B0  1-780-842-1363 ext 1910</b>	<b>340154  (SLOC AA1264)</b>
<b>1 Dental Unit Detachment Edmonton PO Box 10500 Station  Forces Bldg 162, 2nd Floor Churchill Ave  Edmonton, Alberta T5J 4J5  1-780-973-4011 ext 4067</b>	<b>42863  (SLOC AA2069)</b>
<b>1 Dental Unit Detachment  Esquimalt  Bldg 97N, Colvill Rd  PO Box 17000 Stn Forces Victoria British Columbia  V9A 7N2  1-250-363-2000 ext 4479</b>	<b>340151  (SLOC AA2052)</b>
<b>1 Dental Unit Detachment Moose Jaw  PO Box 5000, Station Forces Building 143 Moose Jaw,  Saskatchewan S6H 7Z8  1-306-694-2222 ext 2224</b>	<b>42896  (SLOC AA2084)</b>
<b>1 Dental Unit Detachment Winnipeg PO  Box 17000 Station Forces  Bldg 62  Winnipeg, Manitoba R3J 3Y5 1-204-833-2500 ext 5162</b>	<b>42900  (SLOC AA2087)</b>
<b>1 Dental Unit Detachment Shilo  Bldg L158, Engineer Road  PO Box 5000 Station Main Shilo, Manitoba R0K 2A0  1-204-765-3000 ext 3165</b>	<b>42785  (SLOC AA2058)</b>
<b>CFB Suffield BATUS Dental Clinic  PO Box 3000, Stn Main  Medicine Hat AB  T1A 8S8  1-403-544-4335</b>	<b>317530  (SLOC BJ0142)</b>
<b>1 Dental Unit Detachment Edmonton (Calgary)  Area Support Unit Calgary  General Sir Arthur Currie Bldg  4225 Crowchild Trail SW  Calgary, AB T3E 1T8  1-780-973-4011 ext 4067</b>	<b>42863  (SLOC AA2069)</b>
<b>1 Dental Unit Detachment Dundurn  Bldg 266 Gen Del Stn Main  Dundurn, SK S0K 1K0  1-306-694-2222 ext 2224</b>	<b>42896  (SLOC AA2085)</b>

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

<b>1 Dental Unit Detachment Esquimalt Dockyard Building 109 (D) PO Box 17000 Stn Forces Victoria, BC 1-250-363-2000 ext 4479</b>	<b>340151 (SLOC AA2052)</b>
<b>1 Dental Unit Detachment Esquimalt HMCS Protecteur PO Box 17000, Station Forces FMO Victoria, BC VN9 7N2 1-250-363-5507</b>	<b>75966 (SLOC AA2001)</b>
<b>1 Field Amb - Dental Edmonton Platoon PO Box 10500 STN Forces Edmonton, Alberta T5J 4J5 1-780-973-4011 ext</b>	<b>53795 (SLOC 9J3544)</b>

**ANNEX "E"**

**MANDATORY TECHNICAL CRITERIA**

The Offeror must meet ALL mandatory technical criteria as listed below and the Offeror must provide all of the necessary documentation with their bid to support compliance with this requirement. Each mandatory technical criterion should be addressed separately.

**MANDATORY CRITERIA**

Responses to the mandatory requirements set forth in this section will be evaluated on a simple, stringent pass/fail basis. Proposals not meeting each and every one of the mandatory requirements identified in the tables below will be considered non-compliant and given no further consideration.

**Responses Required**

The Bidder is required to provide supporting statements indicating compliance with **all** requirements indicated below. Statements shall reference associated documentation, literature, drawings or illustrations submitted in the bid package.

**Item 1 Annex A-1**

<b>Purchase Description Annex A-1 Paragraph</b>	<b>FREESTANDING / REAR DELIVERY CASEWORK</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 1	The casework must be purpose built for a dental application and constructed of stainless steel.		
para 2	The casework must have the ability to accommodate an integrated rear delivery dental operating unit purpose built to fit the specific casework.		
para 3	The casework must be of modular construction, come in various configurations of drawers, shelves, and doors, all of which are interchangeable by the end user without structural manipulation.		
para 4	The casework must have solid acrylic counter tops (i.e. Corian, Gibraltar, or equivalent.) available in various colours. End colour to be determined from actual samples supplied by the bidder and chosen at time of order submission		
para 5	The casework drawers must be constructed of seamless one piece-molded poly and operate on metal drawer glides.		
para 6	The casework drawers must have rounded inside corners.		
para 7	The casework's steel surface must be covered with baked on scratch resistant paint. Door and drawer panels must be plastic covered.		
para 8	The casework must come complete with task lighting and a minimum of two duplex electrical receptacles.		
para 9	The casework must have various colour/finish options available and end colour/finish is to be determined by actual samples supplied by the bidder and chosen at time of order submission.		

<b>Purchase Description Annex A-1 Paragraph</b>	<b>FREESTANDING / REAR DELIVERY CASEWORK</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 10	All four corners of each modular casework unit must have independent adjustable leveling feet.		
para 11	The freestanding rear delivery casework must measure between 42 and 46 inches long, 72-75 inches high and 20-24 inches deep.		
para 12	The caseworks must have integrated door/drawer handles.		
Para 13	The bidder must have a complete selection of casework: purpose built to accommodate central sterilization rooms, dental operating bays and all other areas of a dental clinic that require casework. As with the Freestanding/Rear Delivery Casework specifications #1, 3, 4, 5,6,7,8 (as required), 9, 10, and 12 apply. This casework must also have the option to have waste chutes created in the counter tops where required.		

**ITEM 2 Annex A-2:**

<b>Purchase Description Annex A-2 Paragraph</b>	<b>Central Sterilization Room Casework</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 1	The casework must be purpose built for a Central Sterilization Room (CSR)		
para 2	The casework must have steel frame construction		
para 3	The casework must be of modular construction, come in various configurations of drawers, shelves, and doors, all of which are interchangeable by the end user without structural manipulation.		
para 4	The casework must have solid acrylic counter tops (i.e. Corian, Gibraltar, or equivalent.) available in various colours. End colour to be determined from actual samples supplied by the bidder and chosen at time of order submission.		
para 5	The casework drawers must be constructed of seamless one piece-molded poly and operate on metal drawer glides.		
para 6	The casework drawers must have rounded inside corners.		
para 7	The casework's steel surface must be covered with baked on scratch resistant paint. Door and drawer panels must be plastic covered..		
para 8	The casework must come complete with task lighting and a minimum of two duplex electrical receptacles.		
para 9	The casework must have various colour/finish options available and end colour/finish is to be determined by actual samples supplied by the bidder and chosen at time of order submission		

<b>Purchase Description Annex A-2 Paragraph</b>	<b>Central Sterilization Room Casework</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 10	All four corners of each modular casework unit must have independent adjustable leveling feet.		
para 11	The CSR Casework must come with a hands free water faucet.		
para 12	The caseworks must have integrated door/drawer handles.		
Para 13	The sterilization casework must come in a 8 foot, 10 foot, and 12 foot configurations but also have the capability of custom configurations for smaller and larger sizes.		
Para 14	The bidder must have a complete selection of casework: purpose built for, dental operating bays, central sterilization rooms and all other areas of a dental clinic that require casework. As with the Central Sterilization Room Casework specifications #1, 3, 4, 5,6,7,8 (as required), 9, 10 and 12 apply. This casework must also have the option to have waste chutes created in the counter tops where required.		

**ITEM 3 Annex A-3**

<b>Purchase Description Annex A-3 Paragraph</b>	<b>WORM GEAR DRIVEN CHAIR</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 1	All chair movement functions (chair base up/down, back and/or seat up/down) must be driven through worm gear operation.		
para 2	The chair must have a double articulating headrest.		
para 3	The chair must have adjustable, automatic, preset positioning.		
para 4	The chair must have membrane switches on both the Doctor and Assistant's sides of the chair.		
para 5	The chair must have a full function foot control.		
para 6	The chair must be able to support a minimum weight of 325 Lbs as well as the weight of a light operating unit and assistant's center.		
para 7	The chair must have models that can operate on 110v and models that operate on 230v.		
para 8	The chair must come in a variety of colors, with final color to be determined by the user from samples supplied by the bidder.		
para 9	The chair minimum range of seat height adjustment must be between 21 inches and 34 inches.		
para 10	The chair must be able to accommodate an adjustable IV arm board.		
para 11	The chair must be available in a standalone model, have swivel and non-swivel options, as well a model able to accommodate a purpose built dental operating unit, dental		

Purchase Description Annex A-3 Paragraph	WORM GEAR DRIVEN CHAIR	Comply: YES/NO	Comments/Location in the bid where the item is addressed
	operating light and an assistant's instrument holder.		

#### Item 4 Annex A-4

Purchase Description Annex A-4 Paragraph	UNIT, DENTAL OPERATING	Comply: YES/NO	Comments/Location in the bid where the item is addressed
para 1	The unit must be a traditional style delivery system.		
para 2	The unit must be capable of quick conversion to right or left-handed dentistry without the use of tools.		
para 3	The unit must be available in the following models: Chair/system mounted, Casework mounted,		
para 4	The unit must not have a cuspidor and/or post box.		
para 5	The unit must have left/right air-activated brake release with integrated safety disengage.		
para 6	The unit must have a minimum of one (1) unit mounted touch pad control for all chair functions.		
para 7	If a control block system is used it must be manufactured of metal.		
para 8	The unit must have a water and air adjustment/mixture to be controlled with separate knobs for each handpiece/air-water syringe, via needle valves for precision and control – controls to be concealed from aerosol for asepsis control, but must be easily accessible for adjustment.		
para 9	The unit must have non-retracting handpiece water coolant.		
para 10	The unit must have an integrated intra-oral light system to accommodate four (4) handpieces.		
para 11	The unit must have a handpiece flush system.		
para 12	The unit must have handpiece tubing that is straight, <u>not</u> coiled.		
para 13	The unit tray must be capable of supporting 5 positions. One position will be a syringe, four will be a mixture of pneumatic and electric to be specified on call up		
para 14	The unit must be configured so that positioning from left to right - position 1 is for autoclavable tri-flow air/water/spray syringe.		
para 15	The unit assistant's instrumentation centre is <u>not</u> to be connected off the vertical back of the patient chair and is to be adjustable in location via a multi-positional armature. Assistant's instrumentation centre to include at minimum the following:  a. One autoclavable tri-flow syringe on assistant's instrumentation centre.		

<b>Purchase Description Annex A-4 Paragraph</b>	<b>UNIT, DENTAL OPERATING</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
	b. Two HVE (high volume evacuators) on assistant's instrumentation centre – one to be terminated with a funnel shaped spittoon.  c. One saliva ejector.  d. One chair position/control touchpad for assistant's use.		
para 16	The unit must have a self-contained water system which can be switched to city water.		
para 17	The unit must have one standard ¼" water quick connect for future Cavitron connection.		
para 18	The unit must have a wet/dry disc foot control with minimum seven (7) foot tubing.		
para 19	The unit must have one stainless steel instrument tray That sits on top of the unit.		
para 20	The unit must have one light post mounted, and removable accessory shelf for additional equipment (such as a Cavitron).		
para 21	The unit must have an external umbilical connection to the contoured floor box/utility centre with length to be <u>a minimum of four (4) feet.</u>		
para 22	The unit's floor box/utility centre must be able to retrofit sites that previously had ADEC and/or Midmark units installed using the standard floor box. No renovations must be necessary in order to accommodate new units.		
para 23	The unit's floor box/utility center must contain connections for vacuum, compressed air and city water. Air and water regulators to be included. Adequate space for a quad electrical box and unit power supply.		
para 24	The unit must have a quick switch/quick connect feature on the clean water system.		
para 25	The dental operating unit must be from the same manufacturer as the Chair dental operating to ensure proper fit and trouble-free attachment.		

**Item 5 Annex A-5**

<b>Purchase Description Annex A-5 Paragraph</b>	<b>CHAIR, DENTAL OPERATING</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 1	The upholstery must be seamless.		
para 2	The chair upholstery must be available in different colours.		
para 3	The chair seat in its lowest position measured from the floor to the top of the seat cushion must not exceed 18 inches.		
para 4	The chair must have ergonomic armrest movement for easy		

<b>Purchase Description Annex A-5 Paragraph</b>	<b>CHAIR, DENTAL OPERATING</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
	patient entry into the chair and exit from the chair.		
para 5	The chair arm/sling rests must support a minimum weight of 325 lbs.		
para 6	The chair must articulate such that the headrest and chair-back are capable of placing the patient in the supine and sub supine position. Both positions must allow the operator to function from the 11 and 1 o'clock positions.		
para 7	The chair must have a double articulating headrest.		
para 8	The chair must have a minimum of 30 degree swivel left and right (15° each direction, 30° total) and lock in place.		
para 9	The chair must have a safety plate shut-off for downward movement of chair in case of obstruction.		
para 10	The chair must include a seven (7) function foot switch of which three (3) must be operator programmable buttons/functions.		
para 11	The chair must have an automatic return to exit.		
para 12	The chair must be capable of accepting a dental operating unit that can be positioned on either the left or right sides of the chair. This change of position from left to right must be able to be performed without the use of tools.		
Para 13	The following pieces of equipment must come from the same manufacturer as the Chair Dental Operating to ensure upholstery match and proper fit., Stool Dental Operating Dental Assistant, Stool Dental Operating Dental Officer, Unit Dental Operating and Light Dental Operating.		

**Item 6 Annex A-6**

<b>Purchase Description Annex A-6 Paragraph</b>	<b>STOOL, DENTAL OPERATING - DENTAL OFFICER</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 1	The stool must have five (5) castors for hard surfaces with 360 degrees rotation.		
para 2	The stool must have a contoured seat with seamless upholstery.		
para 3	The stool must have a vertical back support.		
para 4	The stool must have ratcheted back rest height adjustment.		
para 5	The stool must have ergonomically located adjustment levers/paddles allowing user access by hand. There must be no requirement to dismount the stool in order to adjust height and tilt.		
para 6	The stool must have integral gas cylinder for height adjustment. Provide a minimum seat height adjustment range between 16 and 25 inches through the use of a max of 3 cylinder sizes.		
para 7	The stool must have the option of coming equipped with		

<b>Purchase Description Annex A-6 Paragraph</b>	<b>STOOL, DENTAL OPERATING - DENTAL OFFICER</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
	arm rests that are height adjustable.		
para 8	The stool must be available in different colours.		
Para 9	The stool must be from the same manufacturer as the Chair Dental Operating to ensure upholstery match		

**Item 7 Annex A-7**

<b>Purchase Description Annex A-7 Paragraph</b>	<b>STOOL, DENTAL OPERATING - DENTAL ASSISTANT</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
, para 1	The stool must have five (5) castors for use on hard surfaces, with 360 degrees rotation.		
para 2	The stool must have a rotational contoured seat and seamless upholstery.		
para 3	The stool must have a vertical lumbar support and ratchet release, height adjustable "belly-bar" support available for both left and right users.		
para 4	The stool must have adjustment levers/paddles ergonomically located to allow the operator access by hands without the requirement to get off the stool.		
para 5	The stool must have an integrated footrest that automatically adjusts with the seat height.		
para 6	The stool must have an integral adjustable gas cylinder with a height range of between 21.75 inches and 27.5 inches plus or minus 1.5 inches.		
para 7	The stool must be able to support a minimum weight of 325 lbs.		
para 8	The stool must be available in seamless upholstery in varying colours.		
para9	The stool must be from the same manufacturer as the Chair Dental Operating to ensure proper upholstery match		

**Item 8 Annex A-8**

<b>Purchase Description Annex A-8 Paragraph</b>	<b>LIGHT, DENTAL OPERATING</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 1	The light must be designed to provide lighting for dental procedures.		
para 2	The light must have three (3) axis of rotation at light head (swivel, tilt, rotate).		
para 3	The light must have a three (3) position intensity switch/setting.		
para 4	The light must operate using LEDs.		

<b>Purchase Description Annex A-8 Paragraph</b>	<b>LIGHT, DENTAL OPERATING</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 5	The light must have Button/Toggle-free on/off activation (i.e. infrared or change in light height, automatic on/off).		
, para 6	The light must have cool touch handles – regardless of how long light remains in operation.		
para 7	The light must have an operating colour of bright daylight, colour temperature of 5500 degrees plus or minus 500 degrees.		
para 8	The light must be chair/dental equipment set mounted and powered via the dental unit's utility center.		
, para 9	The light must have an adjustable flex arm that holds steady and constant when positioned.		
para 10	The light must have a composite safe mode/setting.		
para 11	The light must be from the same manufacturer as the dental operating chair to ensure proper fit and trouble-free attachment.		

**ITEM 9 AnnexA-9:**

<b>Purchase Description Annex A-9Paragraph</b>	<b>STERILIZER, DENTAL</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 1	The sterilizer must be an automatic steam sterilizer with electronic operation and controls and include at least two (2) trays.		
para 2	The sterilizer must be considered a table top model requiring a foot print of no more than 18 X 22 inches and accommodate, as a minimum, 20 Hu-Friedy Exam or Handpiece Cassettes, or 8 Hu-Friedy Small 10 instrument cassettes, or 4 Hu-Friedy large cassettes or 4 Hu-Friedy Oral Surgery Cassettes.		
para 3	The sterilizer's cycle for unwrapped instruments must reach 270 deg F/132 deg C.		
para 4	The sterilizer must have a minimum of four (4) pre-programmed sterilization settings for handpieces, wrapped, unwrapped, and steri-envelopes, or similar.		
para 5	The sterilizer must have minimum two (2) custom programmable buttons for user defined sterilization cycles.		
para 6	The sterilizer must be capable of being filled with water from the front.		
para 7	The sterilizer must have LCD screen to display messages, including but not restricted to, selected cycle, sterilization status, time, pressure and temperature.		
para 8	The sterilizer must have a manual stop/abort button/switch.		
para 9	The sterilizer must have an integrated safety feature precluding unit operation when the water level is low, or the door is not completely latched.		

<b>Purchase Description Annex A-9 Paragraph</b>	<b>STERILIZER, DENTAL</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 10	The sterilizer must have available vertical and/or horizontal racks.		
para 11	The sterilizer must have the option of an integrated printer.		
para 12	The sterilizer must be available in 110V and 230V models.		
para 13	The sterilizer must be CSA certified, UL listed and meet the requirements for pressure vessels.		

**ITEM 10 Annex 10:**

<b>Purchase Description Annex-A10 Paragraph</b>	<b>LUBE FREE DENTAL COMPRESSOR</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 1	The compressor must be lubricant free and specifically designed for dental use.		
para 2	The compressor must have an on and off remote power switch.		
para 3	The compressor must be available in dual and triple head motor models.		
para 4	The compressor air filter and dryer draining feature must be automatic and require no user intervention.		
para 5	The compressor must have a coalescing filter and desiccant dryer.		
para 6	The compressor must have overload protection circuitry.		
para 7	The compressor must be UL or CSA listed and meet all requirements required for pressure vessels.		
para 8	The compressor must be available in various configurations to support small (3-5 operatories) clinics - 2-3 users, medium (6-9 operatories) clinics - 4-6 users, large (10-15 operatories) clinics - 7-8 users, X-large (16-30 operatories) clinics - 8-12 users.		
para 9	The compressor normal operating noise levels must not exceed 78dB.		
para 10	The compressor must be available in 110v and 230v for the small size (2-3 user) and 230V for the remaining sizes.		
para 11	The compressor must supply a minimum of 100PSI.		
para 12	The compressor must have a manually adjustable pressure switch.		
para 13	The compressor must have an hour meter and a pressure indicating gauge.		

**ITEM 11 Annex A-11:**

<b>Purchase Description Annex A-11 Paragraph</b>	<b>WATERLESS DENTAL VACUUM SYSTEM</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 1	The vacuum system must be a non-turbine dry vacuum system specifically designed for dental use.		
para 2	The vacuum system must be able to be connected to a low voltage remote on and off power switch.		
para 3	The vacuum system must be a 100% water free system.		
para 4	The vacuum system must have an operating range 208-230v.		
para 5	The vacuum system must be capable of producing a minimum vacuum of 10 inches of Hg , with a continuous operating range of 10-15Hg.		
para 6	The vacuum system must be UL or CSA listed.		
para 7	The vacuum system must be available in Configurations that can support small (3-5 operatories) clinics - 2-3 users, medium (6-9 operatories) clinics - 4-6 users, large (10-15 operatories) clinics - 7-8 users, X-large (16-30 operatories) clinics - 8-12 users.		
para 8	The vacuum system normal operating noise levels must not to exceed 78dB.		
para 9	The vacuum system must be stackable.		
para 10	The vacuum system must be compatible with Solmetex HG Amalgam Separator units.		
para 11	The vacuum system must be capable of replacing other vacuum systems (Dentaleze 202 wet vacuum system and Dentalez RamVac and Midmark PowerVac dry vacuum systems) without requiring plumbing reconfigurations.		
para 12	A single vacuum system must be upgradable to a double to accommodate future renovations increasing dental bays.		
para 13	The vacuum system must record hours of operation.		
para 14	The vacuum system must come complete with operation, maintenance and service manuals.		

**ITEM 12 Annex A-12:**

<b>Purchase Description Annex A-12 Paragraph</b>	<b>INTRAORAL X-RAY</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
para 1	The x-ray unit must consist of, but not limited to: a control unit, an operator's panel and a remote station or an operator's panel that can be used as a remoter station, a horizontal arm, an articulating arm, a tube head, a cone and optional mobile stand.		
para 2	The x-ray unit must be a DC unit.		
para 3	The equipment (control, operator's panel/remote station, horizontal arm, articulating arm, tubehead, cone and optional mobile stand) shall be from the same manufacturer and form an integrated unit.		
para 4	The x-ray must be configurable as a mobile X-ray with the use		

Purchase Description Annex A-12 Paragraph	INTRAORAL X-RAY	Comply: YES/NO	Comments/Location in the bid where the item is addressed
	of an optional stand. The mobile stand must be specifically designed and engineered for this x-ray apparatus.		
para 5	The exterior surfaces of the equipment (which are not otherwise finished and for which a painted surface is suitable) shall have a coating of high grade smooth, stain/acid/surface disinfectant resistant paint. Exposed non-finished metal shall be polished and anodized.		
para 6	The x-ray equipment shall be UL and/or CSA approved.		
para 7	The x-ray and accessories must conform to the requirements of the Radiation Emitting Devices Act, the Food and Drugs Act, and the Regulations for dental x-ray equipment and all other recommendations as per Safety Code 30 (Radiation Protection in Dentistry Recommended Safety Procedures for the Use of Dental X-ray Equipment).		
para 8	<p>Controller:</p> <ul style="list-style-type: none"> <li>a. The controller must be digital;</li> <li>b. The controller must be available in both 110 and 220 volts;</li> <li>c. The controller must have automatic line voltage compensation;</li> <li>d. The controller must prevent the x-ray from operating if the duty cycle is exceeded;</li> <li>e. The operator's panel must be integral to the controller and must be removable to allow installation and use as a remote station/location;</li> <li>f. The controller must have a mounting plate available for various installation types, including but not limited to single stud wood/metal, double stud wood/metal;</li> <li>g. The controller must have an adjustable brake assembly to prevent horizontal arm drifting or movement without being purposely positioned.</li> </ul>		
para 9	<p>Operator's Panel / Remote Station DC Unit:</p> <ul style="list-style-type: none"> <li>a. The unit must be mountable on the controller and remotely mountable;</li> <li>b. The unit must have numerical and anatomical display;</li> <li>c. The unit must have preprogrammed adjustable time settings;</li> <li>d. The unit must have an exposure time selection and time display;</li> <li>e. The unit must have tooth selection;</li> <li>f. The unit must have patient size selection;</li> <li>g. The unit must have exposure button with cord for optional mobile mounting stand;</li> <li>h. The unit must have a ready indicator and radiation indicator;</li> <li>i. The unit must have adjustable KV, MA and time.</li> </ul>		
para 10	The horizontal arm must be supplied in varying lengths, configurations to include but not limited to the following range		

<b>Purchase Description Annex A-12 Paragraph</b>	<b>INTRAORAL X-RAY</b>	<b>Comply: YES/NO</b>	<b>Comments/Location in the bid where the item is addressed</b>
	1350 mm - 1950 mm to suit a number of possible installation options, and friction screw (arm brake assembly) adjustment to prevent drifting of articulating arm.		
para 11	The articulating arm must have friction adjustment points at all pivot points of the articulating arm for optimum ease of tubehead positioning and vertical movement adjustment and balance adjustment to prevent drifting.		
para 12	Tubehead:  a.The tubehead must have a positioning handle to assist in placement of the tube head and to minimize the infection control barrier surface area to just the handle; b.The Yolk Assembly must have 360 degrees rotation.		
para 13	The cone must be available in two (2) sizes, short cone and long cone, for short cone and long cone techniques but supplied with the short cone cone as default.		
para 14	Mobile Stand:  a.The mobile stand must be compact in design to fit through standard door openings, and heavy enough to prevent tipping with the x-ray arm fully extended; b.The mobile stand must have a handle for manipulating the unit into position; c.The mobile stand must have a minimum of four (4) meter electrical cord; d.The mobile stand must have a minimum of four (4) heavy-duty casters with 360 degrees swivel; e.The mobile stand must have a minimum of two (2) locking wheels; f.All surfaces must be able to be cleaned and disinfected.		

**GENERAL MANDATORIES:**

<b>General Requirements Paragraph</b>	<b>Compatibility</b>	<b>Comply: Yes/No</b>	<b>Comments /Location in the bid where the item is addressed</b>
<b>Para 2.3.2</b>	The equipment and components must be from a manufacturer or those authorized by the manufacturer to distribute, and provide warranty support/parts/service.		
<b>Para 2.3.3</b>	The equipment and components must form an integrated system and be compatible with other systems, equipment, components and materials used within the RCDC (existing vacuum piping used with Dentalez RamVac and/or Midmark systems, junction box sizing previously used for ADEC and/or Midmark units).		

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

<b>Para 2.3.4</b>	The following pieces of equipment must come from the same manufacturer to ensure upholstery match and proper fit: Chair Dental Operating, Stool Dental Operating Dental Assistant, Stool Dental Operating Dental Officer, Unit Dental Operating and Light Dental Operating		
<b>Para 2.3.5</b>	All casework must be from the same manufacturer to ensure colour match and fit.		

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

**ANNEX "F"**

**STANDING OFFER USAGE REPORT**

Return to:

Public Works and Government Services Canada  
Acquisitions Branch  
Email: cassandra.shannahan@pwgsc-tpsgc.gc.ca

**Quarterly Usage Report Schedule:**

1st quarter: April 1 to June 30;  
2nd quarter: July 1 to September 30;  
3rd quarter: October 1 to December 31;  
4th quarter: January 1 to March 31.

SUPPLIER: \_\_\_\_\_

STANDING OFFER NO: \_\_\_\_\_

DEPARTMENT OR AGENCY: \_\_\_\_\_

Item No.	Call-Up/contract No. Description	Value of the Call-Up/Contract (GST/HST excluded)
(A) Total Dollar Value Call-ups for this reporting period:		
(B) Accumulated Call-Up totals to date:		
(A+B) Total Accumulated Call-Ups:		

**NIL REPORT:** We have not done any business with the federal government for this period [ ]

PREPARED BY: \_\_\_\_\_

SIGNATURE:

DATE:

Solicitation No. - N° de l'invitation  
W8486-152099/A  
Client Ref. No. - N° de réf. du client  
W8486-152099

Amd. No. - N° de la modif.  
File No. - N° du dossier  
pv873.W8486-152099

Buyer ID - Id de l'acheteur  
pv873  
CCC No./N° CCC - FMS No./N° VME

---

## **ANNEX "G" to PART 3 OF THE REQUEST FOR STANDING OFFERS**

### **ELECTRONIC PAYMENT INSTRUMENTS**

The Offeror accepts to be paid by any of the following Electronic Payment Instrument(s):

- ( ) VISA Acquisition Card;
- ( ) MasterCard Acquisition Card;
- ( ) Direct Deposit (Domestic and International);
- ( ) Electronic Data Interchange (EDI);
- ( ) Wire Transfer (International Only);
- ( ) Large Value Transfer System (LVTS) (Over \$25M)