

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
**PWGSC/TPSGC Acquisitions**  
**1045 Main Street**  
**1st Floor, Lobby C**  
**Unit 108**  
**Moncton, NB E1C 1H1**  
**Bid Fax: (506) 851-6759**

**REQUEST FOR PROPOSAL**  
**DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government  
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services  
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

**Comments - Commentaires**

<b>Title - Sujet</b> Air Conditioner		
<b>Solicitation No. - N° de l'invitation</b> W2037-130098/A	<b>Date</b> 2012-12-18	
<b>Client Reference No. - N° de référence du client</b> W2037-130098		
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$MCT-014-4561		
<b>File No. - N° de dossier</b> MCT-2-35108 (014)	<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 2013-01-28</b>		<b>Time Zone</b> <b>Fuseau horaire</b> Atlantic Standard Time AST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>		
<b>Address Enquiries to: - Adresser toutes questions à:</b> MacDonald, Charline		<b>Buyer Id - Id de l'acheteur</b> mct014
<b>Telephone No. - N° de téléphone</b> (506) 851-6067 ( )		<b>FAX No. - N° de FAX</b> (506) 851-6759
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF NATIONAL DEFENCE Cdn Forces School of Military Eng. CFSME-CTC Gagetown Blg J-10 Door 11 OROMOCTO New Brunswick E2V4J5 Canada		

**Instructions: See Herein**

**Instructions: Voir aux présentes**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

<b>Delivery Required - Livraison exigée</b> See Herein	<b>Delivery Offered - Livraison proposée</b>
<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>

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## PART 1 - GENERAL INFORMATION

### 1. Security Requirement

There is no security requirement associated with the requirement.

### 2. Requirement

The requirement is detailed under Article 2 of the resulting contract clauses.

### 3. Debriefings

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

## PART 2 - BIDDER INSTRUCTIONS

### 1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2012/11/19) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days

Insert: one hundred and twenty (120) days

#### 1.1 SACC Manual Clauses

SACC Reference	Section	Date
B3000T	Equivalent Products	2006/06/16
C9000T	Price	2010/08/16

## 2. Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

Due to the nature of the bid solicitation, **bids transmitted by electronic mail to PWGSC will not be accepted.**

### 2.1 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least seven (7) days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

## 3. Enquiries - Bid Solicitation

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

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

## 4. Applicable Laws

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

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **1. Bid Preparation Instructions**

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

Section I: Technical Bid ( 2 hard copies)

Section II: Financial Bid ( 1 hard copy)

Section III: Certifications ( 1 hard copies)

If there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

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

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html)

(<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

#### **Section I: Technical Bid**

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

#### **Section II: Financial Bid**

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Goods and Services Tax (GST) or Harmonized Sales Tax (HST) must be shown separately, if applicable.

## **1.1 Exchange Rate Fluctuation**

C3011T (2010/01/11), Exchange Rate Fluctuation

## **Section III: Certifications**

Bidders must submit the certifications required under Part 5.

## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **1. Evaluation Procedures**

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

#### **1.1 Technical Evaluation**

##### **1.1.1 Mandatory Technical Criteria**

The Mandatory Technical Criteria are described in Annex "C" , Technical Evaluation.

### **1.2 Financial Evaluation**

SACC Manual Clause A0222T (2010/01/11), Evaluation of Price

### **2. Basis of Selection**

A bid must comply with all requirements of the bid solicitation to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

## **PART 5 - CERTIFICATIONS**

Bidders must provide the required certifications and related documentation to be awarded a contract. Canada will declare a bid non-responsive if the required certifications and related documentation are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications, to provide the related documentation or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

## 1. Mandatory Certifications Required Precedent to Contract Award

### 1.1 Code of Conduct and Certifications - Related documentation

- 1.1.1** By submitting a bid, the Bidder certifies, for himself and his affiliates, to be in compliance with the Code of Conduct and Certifications clause of the Standard instructions. The related documentation hereinafter mentioned will help Canada in confirming that the certifications are true. By submitting a bid, the Bidder certifies that it is aware, and that its affiliates are aware, that Canada may request additional information, certifications, consent forms and other evidentiary elements proving identity or eligibility. Canada may also verify the information provided by the Bidder, including the information relating to the acts or convictions specified herein, through independent research, use of any government resources or by contacting third parties. Canada will declare non-responsive any bid in respect of which the information requested is missing or inaccurate, or in respect of which the information contained in the certifications is found to be untrue, in any respect, by Canada. The Bidder and any of the Bidder's affiliates, will also be required to remain free and clear of any acts or convictions specified herein during the period of any contract arising from this bid solicitation.

Bidders who are incorporated, including those bidding as a joint venture, must provide with their bid or promptly thereafter a complete list of names of all individuals who are currently directors of the Bidder. Bidders bidding as sole proprietorship, including those bidding as a joint venture, must provide the name of the owner with their bid or promptly thereafter. Bidders bidding as societies, firms, partnerships or associations of persons do not need to provide lists of names. If the required names have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply will render the bid non-responsive. Providing the required names is a mandatory requirement for contract award.

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

## 2. Additional Certifications Precedent to Contract Award

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

### 2.1 Federal Contractors Program - Certification

#### Federal Contractors Program - over \$25,000 and below \$200,000

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

The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

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

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

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## PART 6 - RESULTING CONTRACT CLAUSES

### 1. Security Requirement

There is no security requirement associated with the requirement.

### 2. Requirement

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



### 3. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

#### 3.1 General Conditions

2010A (2012/11/19), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### 4. Term of Contract

#### 4.1 Delivery Date

All the deliverables are required within 8 weeks of contract award, but must be received no later than March 28, 2013.

### 5. Authorities

#### 5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Charline MacDonald  
Title: A/Supply Officer  
Public Works and Government Services Canada  
Acquisitions Branch  
Address: 1045 Main Street, Unit 108  
Moncton, New Brunswick  
E1C 1H1  
  
Telephone: 1-506-851-6067  
Facsimile: 1-506-851-6759  
E-Mail: Charline.MacDonald@pwgsc-tpsgc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

#### 5.2 Project Authority

The Project Authority for the Contract is:

**Details will be provided in any resulting contract**

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_

Telephone : \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

### 5.3 Contractor's Representative (bidder please complete)

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

## 6. Payment

### 6.1 Basis of Payment

#### Basis of Payment - Firm Price

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price as specified in Annex B, Basis of Payment, for a cost of \$ \_\_\_\_\_ (*insert the amount at contract award*). Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

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.

### 6.2 Limitation of Price

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

### 6.3 Single Payment

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

### 6.4 SACC Manual Clauses

SACC Reference	Section	Date
C2000C	Taxes - Foreign-based Contractors	2007/11/30

## 7. Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
  - (a) The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

## 8. Certifications

### 8.1 Compliance

Compliance with the certifications and related documentation provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification, provide the related documentation or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

## 9. Applicable Laws

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

## 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 Articles of Agreement;
- (b) the general conditions 2010A (2012/11/19), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated \_\_\_\_\_ , as clarified on \_\_\_\_\_ " **or** ", as amended on \_\_\_\_\_ " .

## 11. SACC Manual Clauses

SACC Reference	Section	Date
A9039C	Salvage	2008/05/12
A9062C	Canadian Forces Site Regulations	2011/05/16
B1501C	Electrical Equipment	2006/06/06
B7500C	Excess Goods	2006/06/06
G1005C	Insurance	2008/05/12

## 12. Shipping Instructions - FOB Destination and DDP

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

FOB Destination (CTC Gagetown, CFSME, Building J-10, Door 11 in Oromocto, New Brunswick) including all delivery charges and customs duties and taxes.

## Annex A – Requirement

### 1. INTRODUCTION

- 1.1. In the effort to comply with the Refrigeration Mechanical (RM) DP1 Training Plan, Canadian Forces School of Military Engineering (CFSME) intends to procure a Liebert Environmental Air Conditioner or equivalent to be used as a training aid for the RM DP1 course.

### 2. OBJECTIVE

- 2.1. The objective of this document is to provide the technical specifications, criteria and conditions for the procurement of a Liebert Environmental Air Conditioner (Model VS035WDB0EI615A) or equivalent to accommodate RM DP1 training requirements. The air conditioner system will be used primarily for Environmental Air Conditioner operations, repair/replace components and troubleshooting on the RM DP1 Course.

### 3. CONSTRAINTS

#### 3.1. Delivery Date

All products and materiel are required by CFSME within 8 weeks of contract award, but MUST be received no later than 28 March 2013.

#### 3.2. Packaging and Delivery

Packaging and delivery of all materials must be the responsibility of the manufacturer/supplier and must comply with Canadian standards and transport regulations. It is the responsibility of the manufacturer/supplier to ensure products are properly protected and secured from damages during handling and shipping.

### 4. SPECIFICATIONS/DELIVERABLES

- 4.1. The successful bidder will provide a Liebert Environmental Air Conditioner (Model VS035WDB0EI615A), a Nominal 035KW, (10 ton) Water/Glycol Cooled Up flow System with cleanable Paradenser TM heat exchanger, or equivalent. The physical characteristics and specifications must include the following:
  - a. Mandatory Requirements
    1. 2-way Paradenser regulating valve with bypass gate valve.
    2. Insulated, powder coated exterior panels.
    3. Two independent digital scroll compressors providing 10-100% linear capacity control.
    4. iCOM control large LED display or similar:
      - Minimum 320 x 240 dot matrix screen
      - Up to 16 menu icons with descriptive text

## Annex A – Requirement

5. Non-locking disconnect switch.
6. Reheat and humidifier lockout
7. Two extra N/O common alarm contacts
8. Unit alarm and shutdown on leak detection signal.
9. Intellislot Web Card (IS-WEBL) or similar:
  - Delivers web, SNMP, Email, Text Messaging and Telnet communication and control capabilities
  - Interface provides for remote web or in-the-field firmware upgrade
  - Can connect to any 10- or 100-Mbit Ethernet Network
  - Compatible with control display
10. Air plenum discharge, minimum 24” high with grilles on the front of plenum.
11. Infrared humidifier with automatic flush cycle.
12. Minimum 5 hp centrifugal blower.
13. Open drip proof NEMA premium efficiency motor.
14. Dual fixed pitch motor sheaves
15. Dual fixed pitch fan pulleys
16. Dual belts with automatic belt tensioning system
17. Three stage, finned tubular, 304/304 stainless steel electric reheat with a capacity of 15 KW.
18. A frame evaporator coil with stainless steel drain pan.
19. Use R-407C refrigerant, field supplied and field charged
20. Factory installed dual float condensate pump with unit alarm indication and unit shutdown upon high water level, rated for a 100 gallons per hour (GPH) at 20ft head.
21. Dual refrigeration circuits.
22. LT410 Point Leak Detection Sensor or similar
  - Minimum two gold plated sensing probes
  - 50/60Hz, 24 VAC
  - Minimum two independent outputs
  - Capable of signalling local alarm panel and a remote building management system or external equipment.
23. 14 gauge, welded frame, with autophoretic coating. Frame must be able to be field separated into three sections for transport through small areas.
24. MERV 8 rated filters

## Annex A – Requirement

### b. General Description

- Nominal 35 KW (8 to 12 ton – 96,000 to 144,000 BTU/H) water/glycol cooled up flow system.
- Supply air must exit top of cabinet, front throw.
- Return air must enter unit from the front of cabinet through factory installed grilles.

### 4.2. Fabrication and Manufacture

All products must be free of defects; CSA approved, and must be in accordance with this Requirement and accompanying contract documents.

### 4.3. Product Identification

Product must be properly labelled indicating model / serial number, electrical specs, type of refrigerant and amount.

### 4.4. Warranty

The manufacturer/supplier must provide a one year parts and labour warranty as well a 5 year parts warranty on belts, sheaves, pulleys and fan bearings from date of delivery.

**ANNEX “B”**

**BASIS OF PAYMENT**

Item No.	Description	Unit of Issue	Quantity	Unit Price	Extended Price
1.a	For the supply of a Liebert Cooling System (or equivalent) to the Canadian School of Military Engineering (CFSME), Combat Training Centre Gagetown, as per the Requirement, Annex A.	Lot	1		
1.b	For the delivery of a Liebert Cooling System (or equivalent) to the Canadian School of Military Engineering (CFSME), Combat Training Centre Gagetown, as per the Requirement, Annex A.	Lot	1		
Subtotal					
HST 13%					
Total					



**ANNEX “C”**

**TECHNICAL EVALUATION**

**VENDOR/FIRM NAME:** \_\_\_\_\_

**Liebert Air Conditioner (or equivalent)**

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

Any proposal which fails to meet all mandatory requirements will be deemed non-responsive. Each requirement should be addressed separately.

The successful bidder will provide a Liebert Air Conditioning System (Model# VS035WDB0EI615A) or equivalent with the following mandatory characteristics:

	<b>Item</b>	<b>Cross Ref Page #</b>	<b>FOR EVALUATION PURPOSES MET/NOT MET/COMMENTS</b>
<b>M1</b>	<b>Specifications</b>		
1.1	2-way Paradenser regulating valve with bypass gate valve.		
1.2	Insulated, powder coated exterior panels.		
1.3	Two independent digital scroll compressors providing 10-100% linear capacity control.		
1.4	iCOM control large LED display or similar: <ul style="list-style-type: none"><li>• Minimum 320 x 240 dot matrix screen.</li><li>• Up to 16 menu icons with descriptive text.</li></ul>		
1.5	Non-locking disconnect switch.		
1.6	Reheat and humidifier lockout.		
1.7	Two extra N/O common alarm contacts.		

1.8	Unit alarm and shutdown on leak detection signal.		
1.9	<p>Intellislot Web Card (IS-WEBL) or similar:</p> <ul style="list-style-type: none"> <li>• Delivers web, SNMP, Email, Text Messaging and Telnet communication and control capabilities.</li> <li>• Interface provides for remote web or in-the-field firmware upgrade.</li> <li>• Can connect to any 10- or 100-Mbit Ethernet Network.</li> <li>• Compatible with control display.</li> </ul>		
1.10	Air plenum discharge, minimum 24" high with grilles on the front of plenum.		
1.11	Infrared humidifier with automatic flush cycle.		
1.12	Minimum 5 hp centrifugal blower.		
1.13	Open drip proof NEMA premium efficiency motor.		
1.14	Dual fixed pitch motor sheaves.		
1.15	Dual fixed pitch fan pulleys.		
1.16	Dual belts and automatic belt tensioning system		
1.17	Three stage, finned tubular, 304/304 stainless steel electric reheat with a capacity of 15 KW.		
1.18	A frame evaporator coil with stainless steel drain pan.		
1.19	Use R-407C refrigerant, field supplied and field charged on air-cooled units.		
1.20	Factory installed dual float condensate pump with unit alarm indication and unit shutdown upon high water level. Rated for 100GPH at 20ft head.		
1.21	Dual refrigeration circuits.		

1.22	<p>LT410 Point leak sensor:</p> <ul style="list-style-type: none"> <li>• Minimum two gold plated sensing probes.</li> <li>• 50/60Hz, 24 VAC.</li> <li>• Minimum two independent outputs.</li> <li>• Capable of signalling local alarm panel and a remote building management system or external equipment.</li> </ul>		
1.23	14 gauge, welded frame, with autophoretic coating. Frame must be able to be field separated into three sections for transport through small areas.		
1.24	MERV 8 rated filters.		
1.25	Nominal 35 KW (8 to 12 ton – 96,000 to 144,000 BTU/H) water/glycol cooled up flow system.		
1.26	Supply air must exit top of cabinet, front throw.		
1.27	Return air must enter unit from the front of cabinet through factory installed grilles.		
<b>M2</b>	<b>Delivery</b>		
2.1	Must be able to provide to DND no later than 28 March, 2013.		
<b>M3</b>	<b>Fabrication and Manufacture</b>		
3.1	All products must be free of defects and CSA approved.		
<b>M4</b>	<b>Product Identification</b>		
4.1	Products must be properly labelled indicating model/serial number, electrical specs, type of refrigerant and amount.		
<b>M5</b>	<b>Warranty</b>		
5.1	Provide a one year parts and labour warranty from date of delivery.		
5.2	Provide a 5 year parts warranty on belts, sheaves, pulleys and fan bearings from date of delivery.		