



**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 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

CE DOCUMENT CONTIENT DES EXIGENCES
RELATIVES À LA SÉCURITÉ / THIS DOCUMENT
CONTAINS A SECURITY REQUIREMENT

Title - Sujet HVAC PREVENTATIVE MAINT. - UPLANDS	
Solicitation No. - N° de l'invitation EJ196-170523/A	Date 2016-10-07
Client Reference No. - N° de référence du client 20170523	
GETS Reference No. - N° de référence de SEAG PW-\$\$FK-294-71687	
File No. - N° de dossier fk294.EJ196-170523	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-11-16	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Nolet, Josée	Buyer Id - Id de l'acheteur fk294
Telephone No. - N° de téléphone (873) 469-4896 ()	FAX No. - N° de FAX (819) 956-3600
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

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

Issuing Office - Bureau de distribution

Maintenance & Professional Consulting Services Division
(FK)
11 Laurier St./ 11, rue Laurier
3C2, Place du Portage, Phase III
Gatineau
Québec
K1A 0S5

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

IMPORTANT NOTICE TO BIDDERS

Security

This notice is to advise ALL interested bidders that in order to be awarded a contract which contains a security requirement, all bidders MUST hold a valid Security Clearance granted or approved by PWGSC Canadian Industrial Security Directorate (CISD) at the level indicated in this solicitation document. Should the bidder not currently hold a valid Security Clearance or require the level to be upgraded, PWGSC will sponsor the bidder. Please submit your written request with the following information to Josée Nolet by facsimile 819-956-3600 or by e-mail to josee.nolet@tpsgc-pwgsc.gc.ca.

- Legal Company Name
- Mailing address
- Surname and given name of contact person
- Telephone number of contact person
- Title of contact person
- Facsimile number
- E-mail address of contact person
- Procurement Business Number
- Preferred Language of correspondence
- Level of Security Required

Additional information on PWGSC security can be found on the following website:
<http://ssi-iss.tpsgc-pwgsc.gc.ca> or by dialing 1-866-368-4646 (Toll free).

Support the use of apprentices

Through Canada's Economic Action Plan 2013, the Government of Canada proposes to support the employment of apprentices in federal construction and maintenance projects. To support this initiative, a voluntary certification signaling the Contractor's commitment to hire and train apprentices is available at Annex E.

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PART 1 - GENERAL INFORMATION

1.1 Introduction

The bid solicitation is divided into seven parts plus annexes as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;
- Part 3 Bid Preparation Instructions: provides bidders with instructions on how to prepare their bid;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, if applicable, and the basis of selection;
- Part 5 Certifications: includes the certifications to be provided;
- Part 6 Security, Financial and Other Requirements; includes specific requirements that must be addressed by bidders; and
- Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The Annexes include the Statement of Work, the Security Requirement Check List (SRCL), Cost Estimate Form for Extra Work, a Reminder to provide a Complete List of names of all individuals who are currently directors of the Bidder and a Voluntary Certification to Support the Use of Apprentices.

1.2 Summary

- (i) To provide, for a period of 5 years, all maintenance services and inspection services on heating, ventilation, air conditioning (**HVAC**), and related mechanical equipment in accordance with the Statement of Work 8M3-1581-2 attached herein as Annex A.
- (ii) This requirement is for Public Works and Government Services Canada (PWGSC) located at the Canadian Forces Base – Uplands, in various buildings/locations, Ottawa (ON), in the National Capital Area.
- (iii) Mandatory Response Time

As per **Annex A**, Statement of Work, SW 3 – Service, under 3.6, Service Calls, it is a mandatory requirement of the contract that:

All service calls between regular inspections must be answered by a qualified technician per SW1.2 within two (2) hours of receiving the call on a 24 hour, 7 day basis. All named Service personnel must be able to report on site ready to service the system within two (2) hours of receiving the request for emergency service and such work shall proceed continuously until the system is returned to safe operating condition.

- (iv) The period of any resulting Contract will be for a period five (5) years. The services must be provided in accordance with Statement of Work, attached herein as Annex A.

- (v) There is a security requirement associated with this requirement. For additional information, consult Part 6 - Security and Part 7 - Resulting Contract Clauses. For more information on personnel and organization security screening or security clauses, bidders should refer to the Canadian Industrial Security Directorate (CISD), Industrial and Security Program of Public Works and Government Services Canada (<http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>) website”.
- (vi) There is a mandatory site visit associated with this requirement. Consult Part 2 – Bidder Instructions.
- (vii) As per the integrity Provisions under section 01 of Standard Instructions 2003 and 2004, bidders must provide a list of all owners and/or Directors and other associated information as required. Refer to section 4.21 of the Supply Manual for additional information on the Integrity Provisions.
- (viii) For services requirements, Bidders in receipt of a pension or a lump sum payment must provide the required information as detailed in article 2.3 of Part 2 of the bid solicitation, in order to comply with Treasury Board policies and directives on contracts awarded to former public servants.

1.3 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within fifteen (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

2.1 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 (2016-04-04) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

- The text under Subsection 4 of Section 05 - Submission of Bids of 2003 referenced above is amended as follows:

Delete: sixty (60) days

Insert: one hundred and twenty (120) days

2.2 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.

2.3 Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPS, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required 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 with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

Definitions

For the purposes of this clause, "Former public servant" is any former member of a department as defined in the *Financial Administration Act*, R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- (a) an individual;
- (b) an individual who has incorporated;
- (c) a partnership made of former public servants; or
- (d) a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means, a pension or annual allowance paid under the *Public Service Superannuation Act* (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the *Supplementary Retirement Benefits Act*, R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the *Canadian Forces Superannuation Act*, R.S., 1985, c. C-17, the *Defence Services Pension Continuation Act*, 1970 c. D-3, the *Royal Canadian Mounted Police Pension Continuation Act*, 1970, c. R-10, and the *Royal Canadian Mounted Police Superannuation Act*, R.S., 1985, c. R-11, the *Members of Parliament Retiring Allowances Act*, R.S., 1985, c. M-5, and that portion of pension payable to the *Canada Pension Plan Act*, R.S., 1985, c. C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension?

YES () NO ()

If so, the Bidder must provide the following information, for all FPS in receipt of a pension, as applicable:

- (a) name of former public servant;
- (b) date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with Contracting Policy Notice: 2012-2 and the Guidelines on the Proactive Disclosure of Contracts.

Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive?

YES () NO ()

If so, the Bidder must provide the following information:

- (a) name of former public servant;
- (b) conditions of the lump sum payment incentive;
- (c) date of termination of employment;
- (d) amount of lump sum payment;
- (e) rate of pay on which lump sum payment is based;
- (f) period of lump sum payment including start date, end date and number of weeks;
- (g) number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.

2.4 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than **five (5) 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.

2.5 Applicable Laws

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

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.

2.6 Mandatory Site Visit

Due to the nature of this requirement and in order to gain access to the site, it is MANDATORY that all interested bidders submit the Names (legal name) and birth dates of their representatives that will be attending the Mandatory Site Visit to the Contracting Authority (Josée Nolet) by facsimile at 819 956-3600 or by email at josee.nolet@tpsgc-pwgsc.gc.ca no later than Monday, October 17th, 2016 at 5:00 pm.

It is mandatory that the Bidder or a representative of the Bidder visit the work site. Arrangements have been made for the site visit to be held at the Canadian Forces Base - Uplands of Ottawa, in various locations and buildings, on **Wednesday, October 19th, 2016**. The site visit will begin at **10:00 Eastern Daylight Time**, and the meeting point is the entrance of the Hangar # 14 at 250, Croil Private, Ottawa, in the National Capital Region.

It is mandatory that bidders provide and wear safety boots for the site visit. Bidders who do not comply will not be permitted to attend the site visit.

Personnel security screening is required prior to gaining authorized access to secure worksites. Bidders **must** communicate with the Contracting Authority (Josée Nolet) no later than COB on **Monday, October 17th, 2016** to confirm attendance and provide the name(s) of the **person(s)** who will attend. The Bidder's Company Security Officer (CSO) must ensure that their representatives hold a valid security clearance at the required level for the site visit. Failure to comply with the security requirements will result in the representative(s) being denied access to the site.

Bidders will be required to sign an attendance sheet. Bidders should confirm in their bid that they have attended the site visit. Bidders who do not attend the mandatory site visit or do not send a representative will not be given an alternative appointment and their bid will be declared non-responsive. Any clarifications or changes to the bid solicitation resulting from the site visit will be included as an amendment to the bid solicitation.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

- Section I Technical Bid (one (1) hard copy)
- Section II Financial Bid (one (1) hard copy)
- Section III Certifications (one (1) hard copy)

Prices must appear in the financial bid only. Prices must not 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>). 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 - see Part 4, subsection 4.1.1

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Pricing Schedule detailed below. The total amount of Applicable Taxes is to be shown separately.

The following requirement **MUST** be strictly adhered to: Failure to do so shall render the bidders' proposal as non-responsive.

It is **MANDATORY** that bidders submit firm prices/rates for the five year period of the contract for all items listed hereafter.

PRICING SCHEDULE 1 - Firm Price

Firm all inclusive prices including all necessary tools, equipment and services, materials, transportation, labour for all inspections, testing, cleaning, maintenance services as detailed in Annex A, Statement of Work attached herein as Annex A.

1.1 Table 1 – Building # 16, 16 Spitfire Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Boiler Room at Rear of Building	Weil-McLain	EG/PEG75 Series 4	0811559 CRN# E569151 2345TY 20-075-01	300MBTUH Gas Fire Low Pressure Steam Boiler	\$	\$	\$	\$	\$
1	Boiler Room at Rear of Building	Weil-McLain	EG/PEG75 Series 4	811560 CRN# E5691.5 12345TY 20-075-02	300MBTUH Gas Fire Low Pressure Steam Boiler	\$	\$	\$	\$	\$
1	Boiler Room at Rear of Building	A.O. Smith	C48J2DB11	35507FM	Condensate Pump ½ HP	\$	\$	\$	\$	\$
1	Boiler Room at Rear of Building	A.O. Smith	C48K2DB11	25007FM	Condensate Pump ¾ HP	\$	\$	\$	\$	\$
1	Boiler Room at Rear of Building	Hoffman	HBFS086676-0303422	50HBF S-0920	Condensate Receiver Tank c/w Controls	\$	\$	\$	\$	\$
1	Exterior Courtyard	Keeprite	KRCDC1512AL	OK148269/10125-030-01	Air Cooled Condenser R-22, 575V/3/60	\$	\$	\$	\$	\$
1	Exterior Courtyard	Keeprite	KRCDC1512A	QH205185/10125-030-02	Air Cooled Condenser R-22, 575V/3/60	\$	\$	\$	\$	\$
1	Main Mechanical Room	Chil-con	EF-06080310	C880344A-125-130-0125-030-02	DX Split Shell and Tube Chiller	\$	\$	\$	\$	\$
1	Main Mechanical Room	Trane	8MP/HF/BVU	74625730-050-01	AHU#1, Administration Area, Hot Water Heating, Chilled Water Cooling c/w Armstrong Humidifier, Belt: B-59 Filters: 1-	\$	\$	\$	\$	\$

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EJ196-170523/A

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fk294EJ196-170523

Buyer ID - Id de l'acheteur

fk294

CCC No./N° CCC - FMS No./N° VME

					18"X24"X2", 1- 24"X24"X2, 1- 24"X24"X18, 1- 18"X24"X18"					
1	Main Mechanic al Room	Trane	T8IP- HC-TH	746262	RF#1 Belt: A-54	\$	\$	\$	\$	\$
1	Main Mechanic al Room	Trane	T8IP- HC-TH	746,26 1	RF#2 Belt: A-54	\$	\$	\$	\$	\$
1	Main Mechanic al Room	Trane	T14LP- HC-TH	746,26 0	RF#3 Belt: B-75	\$	\$	\$	\$	\$
1	Main Mechanic al Room	Trane	8MP- HF-BVU	746259 30- 050-02	AHU#2, Hot Water Heating, Chilled Water Cooling c/w Armstrong Humidifier, Belt: B-59 Filters: 1- 18"X24"X2", 1- 24"X24"X2, 1- 24"X24"X18, 1- 18"X24"X18"	\$	\$	\$	\$	\$
1	Main Mechanic al Room	Trane	14MP- HF-TH	746258	AHU#3, Hot Water Heating, Chilled Water Cooling Belt: 2XB-68 Filters: 2- 24"X24"X2", 3- 12"X24"X2, 3- 12"X24"X18"	\$	\$	\$	\$	\$
1	Main Mechanic al Room	Armstrong	HC-4300	238956 -10-1- 04	HUM#1, Electric Humidifier for AHU#3, 600/3/60	\$	\$	\$	\$	\$
1	Main Mechanic al Room	E.H. Price	DSQ- 120-B	88054 30- 270-02	Mechanical Room Cooling (Fresh Air)	\$	\$	\$	\$	\$

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1	Main Mechanical Room	Armstrong	816Q32- QQQ	Q3Q5	Heating Water Circulator Pump	\$	\$	\$	\$	\$
1	Main Mechanical Room	Armstrong	HC-4300	238956 -70-1- 04	HUM#4, Electric Humidifier, 600/3/60	\$	\$	\$	\$	\$
1	Main Mechanical Room	Armstrong	N/A	55- 400-01	Chilled Water Circulator Pump	\$	\$	\$	\$	\$
1	Main Mechanical Room	Armstrong	N/A	55- 400-02	Chilled Water Circulator Pump	\$	\$	\$	\$	\$
1	Main Mechanical Room	E.H. Price	DSQ- 120-B	38053 30- 270-01	Mechanical Room/Electrical Room Exhaust	\$	\$	\$	\$	\$
1	Attic	Mark-Hot	N/A	N/A	Steam Unit Heater 1/3hp, 115/1/60	\$	\$	\$	\$	\$
1	West Wall Outside	Mitsubishi Mr. Slim	MU09N W2	001140 T	Wall Mounted Condensing Unit, R-22	\$	\$	\$	\$	\$
1	Cage on North Side of Building	Keeprite	KVS020 H2- HT5A- 12CAA A	2,020,2 16	Air Cooled Condenser for DX Shell and Tube Chiller, 1 Circuit, 2 Fans	\$	\$	\$	\$	\$
1	Cage on North Side of Building	Keeprite	KVS020 H2- HT5A- 12CAA A	2,020,2 17	Air Cooled Condenser for DX Shell and Tube Chiller, 1 Circuit, 2 Fans	\$	\$	\$	\$	\$
1	Boiler Room	Leader	N/A	N/A 30-270- 02	Boiler Room Exhaust Fan	\$	\$	\$	\$	\$
1	Rear Vestibule	Reznor	UDAP30	BID79 Y2N92 486X	Direct Vent N.G. Unit Heater 30MBH	\$	\$	\$	\$	\$
1	Loading Area	Reznor	UDAP30	BID79 Y2N92 486X	Direct Vent N.G. Unit Heater 30MBH	\$	\$	\$	\$	\$
1	Loading Area	Reznor	UDAP45	BID79 Y2N94 746X	Direct Vent N.G. Unit Heater 45MBH	\$	\$	\$	\$	\$
1	Maintenance Room 118	Bradford White	MI80R6 DS13	XJ000 437	Electric Hot Water Heater, 80 Gallon	\$	\$	\$	\$	\$

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1	Maintenance Room 118	Armstrong	N/A	N/A	Domestic Hot Water Recirc. Pump	\$	\$	\$	\$	\$
1	East Wall Outside	Stulz	SLO040 H22-E	316581 - 0101K05	Air Cooled Condenser, R-22	\$	\$	\$	\$	\$
3	Various	Various	Various	Various	Side Wall Exhaust Fans	\$	\$	\$	\$	\$
1	By Exit	Dunham-Bush	100-W	85G128 10-280-02	Fan Coil Unit 1/3 HP, 115V/1/60, 1075 RPM	\$	\$	\$	\$	\$
1	In West Hallway Ceiling	Mitsubishi Mr. Slim	MU-A09WA	000035 4T	Air Cooled Ductless Split A/C System, 9,500 BTU, 410-a, c/w Matching Wall Hung Evaporator	\$	\$	\$	\$	\$
1	In West Hallway Ceiling	Armstrong	HC-4300	238956 -90-1-04	HUM#5, Electric Humidifier 600/3/60	\$	\$	\$	\$	\$
1	In East Hallway Ceiling Outside Main Practice Hall	Armstrong	EHU-701	238956 -30-1-04	Electric Humidifier 600/3/60	\$	\$	\$	\$	\$
1	In East Hallway Ceiling Outside Main Practice Hall	Stulz-ATS	OHS-040-AHU	5,283,043	Ceiling Mounted DX AHU	\$	\$	\$	\$	\$
1	By Men's Washroom	Dunham-Bush	100-W	85G128 10-280-02	Fan Coil Unit 1/3 HP, 115V/1/60, 1075 RPM	\$	\$	\$	\$	\$

Note: Contractor is responsible for the winterization of Air Handling Unit cooling coils

1.1 Table 2 – Building # 337, 337 Breadner Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Basement Boiler Room	Weil-McLain	Cga Gold-7-PIDM	55020103AD	Gas Fired Heating Boiler, 210MBH c/w Boiler Circulator Pump and Controls	\$	\$	\$	\$	\$
1	Basement Boiler Room	Weil-McLain	Cga Gold-7-PIDM	55020103A	Gas Fired Heating Boiler, 210MBH c/w Boiler Circulator Pump and Controls	\$	\$	\$	\$	\$
1	Basement Boiler Room	Rheem Ruud	RQ40-36M	129J57673	Electric Hot Water Heater	\$	\$	\$	\$	\$
1	Basement Boiler Room	Bell & Gossett	NPF-33	103350H30	Heating Water Circulator Pump	\$	\$	\$	\$	\$
1	Basement Boiler Room	Armstrong	A16549-091	N/A	Domestic Hot Water Recirculation Pump	\$	\$	\$	\$	\$
1	Basement Boiler Room	Quincy	150896-610	20050212-0009	Building Automation Pneumatic Air Compressor	\$	\$	\$	\$	\$
1	Church Roof	Carrier	48HJF005361HG	4406G50349	Roof Top DX Air Conditioning Unit, R-22	\$	\$	\$	\$	\$

1.1 Table 3 – Building # 346, 360 Canadair Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Boiler Room	Weil-McLain	LGB-5	2005208	Boiler #1, Gas Fired Low Pressure Steam Boiler,	\$	\$	\$	\$	\$

					520MBH c/w Controls					
1	Boiler Room	Weil-McLain	LGB-5	903710	Boiler #2, Gas Fired Low Pressure Steam Boiler, 520MBH c/w Controls	\$	\$	\$	\$	\$
1	Boiler Room	N/A	N/A	N/A	Condensate Receiver Tank c/w 1/2HP and 1/3 HP Pumps and Controls	\$	\$	\$	\$	\$
2	Boiler Room	Fantech	N/A	N/A	Boiler Room Exhaust Fans	\$	\$	\$	\$	\$
1	Boiler Room	John Wood	JW80SD E145	U0941 F7042 44	Electric Hot Water Heater, 40 Gallon	\$	\$	\$	\$	\$
3	Boiler Room	Various	Various	Various	Submersible Pumps c/w Controls	\$	\$	\$	\$	\$
1	Boiler Room	Modine	HSB33S 01	390141 08-1977	Steam Unit Heater	\$	\$	\$	\$	\$
1	Top of Stairs 2nd Floor	ICP	DFC4A3 12JIB	V0817 50707	Air Cooled Condenser, R-410a	\$	\$	\$	\$	\$
1	Roof Top East Side South End	Heat Controller	A-HMC18 AS	404Ka YR001 78	Air Cooled Condenser, R-22	\$	\$	\$	\$	\$
1	Roof Top East Side South End	Heat Controller	ADMC1 2SB-0	605KA NY004 31	Air Cooled Condenser, R-410a	\$	\$	\$	\$	\$
1	Roof Top East Middle South End	Heat Controller	AHMC1 2AS	512KA ZK003 97	Air Cooled Condenser, R-22	\$	\$	\$	\$	\$
1	Roof Top East Side North End	ICP	DFC4A3 24K1A	V0829 51114	Air Cooled Condenser, R-410a	\$	\$	\$	\$	\$
1	Roof Top East Side North End	ICP	DFC4H3 18K1A	V0919 52164	Air Cooled Condenser, R-410a	\$	\$	\$	\$	\$
1	Loading Area South Side	Heat Controller	A-HMC12 AS	312KA 00027	Air Cooled Condenser, R-22	\$	\$	\$	\$	\$
1	Roof Top East Side	ICP	DFC4A3 12J1B	V0817 50727	Air Cooled Condenser, R-410a	\$	\$	\$	\$	\$
2	Roof Top East Side	Jenn-Air	91CROT	N/A	Roof Top Exhaust Fans	\$	\$	\$	\$	\$

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1	Roof Top West Side	Engineered Air	DJ-40-0	M8274-1-MUA-1	MUA #1, Indirect Gas Fired Make-up Air Unit, 1-B47 Belt	\$	\$	\$	\$	\$
1	Roof Top North Side	Fantech	RE6	193257	Exhaust fan	\$	\$	\$	\$	\$
1	Loading Dock Area	Koolair	KAH-08-FCX-CW-TH-R1-2	7035405	South Loading Dock Steam AHU	\$	\$	\$	\$	\$
5	Various	Beacon/Morris	Various	Various	Steam Unit Heaters	\$	\$	\$	\$	\$
1	Shop	Elicent	AXC200B	N/A	Hood Exhaust Fan	\$	\$	\$	\$	\$
1	Shop	Cooler	E-20	N/A	Wall Exhauster	\$	\$	\$	\$	\$
2	Various	Reznor	Various	Various	Steam Unit Heaters	\$	\$	\$	\$	\$
2	South Wall and Loading Dock Area	Various	Various	Various	Wall Exhausters	\$	\$	\$	\$	\$

1.1 Table 4 – Building # 347, 260 Croil Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	West Wall Exterior	ICP	DFC4A312J1B	V081750582	Wall Mounted Condenser, R-410a	\$	\$	\$	\$	\$
1	East Wall	Carrier	38AK-007---101	2996G00167	Air Cooled Condenser, 1 Fan, R-22	\$	\$	\$	\$	\$
1	East Vestibule	Dunham Bush	250BF1	C09055620-280-03	East Vestibule Hot Water Cabinet Heater	\$	\$	\$	\$	\$
1	North Vestibule (main entrance)	Dunham Bush	100BF1	CX9055520-280-01	North Vestibule Hot Water Cabinet Heater	\$	\$	\$	\$	\$
1	North Vestibule (inside)	Dunham Bush	250BF1	C09055720-280-02	North Hot Water Cabinet Heater	\$	\$	\$	\$	\$
1	Main Mechanical Room	Devilbliss	JUBJ-5031	82960210-010-01	Building Automation Pneumatic Air Compressor	\$	\$	\$	\$	\$

1	Main Mechanica 1 Room	Darling	1UD1/2 HP40US G	D2007 117	Duplex Condensate Return Tank c/w Pumps and Controls	\$	\$	\$	\$	\$
1	Main Mechanica 1 Room	John Wood	JW50SD I130	U0940 F7080 66	40 Gallon Electric Hot Water Heater	\$	\$	\$	\$	\$
1	Main Mechanica 1 Room	Leitch	N/A	180252 -1 20- 400-01	Hot Water Heating Pump, 2HP 115/1/60	\$	\$	\$	\$	\$
1	Main Mechanica 1 Room	Leitch	N/A	181940 20- 400-02	Hot Water Heating Pump, 2HP 115/1/60	\$	\$	\$	\$	\$
1	Main Mechanica 1 Room	N/A	N/A	30- 270-02	Mechanical Room Exhaust	\$	\$	\$	\$	\$
1	1st Level Roof	Carrier	38AK00 7500	4192G 68362	Air Cooled Condenser, R- 22	\$	\$	\$	\$	\$
1	1st Level Roof	Trane	TCD075 CW0AA A	H1214 394BD	Air Cooled Condenser, R- 22	\$	\$	\$	\$	\$
1	2nd Level Roof	Carrier	50DF02 4	P7951 39	Air Cooled Condenser, R- 22	\$	\$	\$	\$	\$
1	2nd Level Roof	Trane	TCD090 CW0AA A	H1014 32B0D	Air Cooled Condenser, R- 22	\$	\$	\$	\$	\$
1	2nd Level Roof	Trane	TCD102 BWDAB A	H1314 4714D	Air Cooled Condenser, R- 22	\$	\$	\$	\$	\$
1	2nd Floor east Hallway	Dunham Bush	250BF1	C0905 58	Hot Water Cabinet Heater	\$	\$	\$	\$	\$
1	Roof Access Area	Carrier	40RR- 008--- 530	1093F 371183 30- 050-02	Conference Room DX AC w/Steam Heat Filters: 2- 16X20X1 Pleated 2- 16X25X1 Pleated Belt: 1-A45	\$	\$	\$	\$	\$
1	1st Level Roof	N/A	N/A	N/A	Exhaust Fan	\$	\$	\$	\$	\$
1	3rd Level Roof	Trane	FC.CCW .TH	185982	Exhaust Fan	\$	\$	\$	\$	\$
1	3rd Level Roof	Delhi	N/A	N/A	Exhaust Fan	\$	\$	\$	\$	\$

1.1 Table 5 – Building # 351, 2074 Alert Rd.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Boiler Room	Weil McLain	380	C0949 3-800410 135	Oil Fired Hot Water Heating Boiler c/w CF500 Beckett Burner, 278 MBH, 2.4 GPH	\$	\$	\$	\$	\$
1	Boiler Room	Armstrong	816032-000	N/A	Hot Water Heating Circulator	\$	\$	\$	\$	\$
1	Boiler Room	Trane	N/A	N/A 20-280-01	Hot Water Unit Heater	\$	\$	\$	\$	\$
1	Boiler Room	Giant	152ETE-3F8M-E8	A5335 310	Electric Hot Water Heater	\$	\$	\$	\$	\$
1	Boiler Room	Hydromatic	N/A	N/A	Submersible Sump Pump c/w Control	\$	\$	\$	\$	\$
1	Boiler Room (exterior)	Heat Controller Inc.	A-HMC18 AS	308KA 00130	Remote Wall Mounted Condenser, R-22	\$	\$	\$	\$	\$
2	Main Building	Beacon/Morris	N/A	N/A	Hot Water Unit Heaters	\$	\$	\$	\$	\$
4	Main Building	Reznor	N/A	N/A	Hot Water Unit Heaters	\$	\$	\$	\$	\$

1.1 Table 6 – Building # 465, 465 Slemon Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Ceiling Space	York	EB90-68	XX 184 463	Ceiling Mounted AHU c/w Electric Duct Heater & Thermostat	\$	\$	\$	\$	\$

1.1 Table 7 – Building # 469, 10 DeNiverville Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Mechanical Room #41	Johnson Controls	JUBK-5034	10978	Building Automation Pneumatic Air Compressor	\$	\$	\$	\$	\$
1	Mechanical Room #41	Devilbliss-Hankison	8010	4185-40-147-01	Air Dryer for Above	\$	\$	\$	\$	\$
1	Mechanical Room #41	Penn Ventilator	Centrex	30-260-01	Return Fan for MUA #1, 3HP, 230/3/60, 2XB74 Belts	\$	\$	\$	\$	\$
1	Mechanical Room #41	Trane	14LP/VF/BVU	745055-30-050-01	MUA #1, Hot Water Heating, DX Cooling Filters: 8-16X25X2 Pleated Belts: 2XB77	\$	\$	\$	\$	\$
1	Mechanical Room #41	Delhi	407	30-270-01	Fresh Air Fan, ¼HP, 115/1/60	\$	\$	\$	\$	\$
1	Mechanical Room #41	Armstrong	S35-BF	N/A	Heating Pump P-1 1/6HP, 115/1/60	\$	\$	\$	\$	\$
1	Mechanical Room #41	Armstrong	181050BF	N/A	Heating Pump P-2 1/3HP, 115/1/60	\$	\$	\$	\$	\$
1	Mechanical Room #41	A.O. Smith	HWB300-962	Z14F0268780	Gas Fired Hot Water Heating Boiler, 300MBH c/w Extrol Expansion Tank	\$	\$	\$	\$	\$
1	Mechanical Room #41	John Wood	JW602NA-03	S0501533648	Gas Fired Domestic Hot Water Heater, 52.2 MBH	\$	\$	\$	\$	\$
1	Mechanical Room #41	Armstrong	Astro 50B	N/A	Domestic Hot Water Recirculation Pump	\$	\$	\$	\$	\$

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1	Mechanical Room #41	Carnes	HBDB	14669-01-05 30-350-01	Electric Humidifier, 208/3/60	\$	\$	\$	\$	\$
1	Mechanical Room #41	Penn Ventilator	XQ-82	N/A	E-1 Roof Exhauster, Belt Drive, 1/12HP 115/1/60	\$	\$	\$	\$	\$
1	Mechanical Room #41	Penn Ventilator	BB-45	N/A	E-2 Roof Exhauster, Belt Drive, 1/4HP 115/1/60	\$	\$	\$	\$	\$
1	Mechanical Room #41 (outside)	Trane	TTA240 B300BA	J16198 165	Air Cooled Condenser for MUA #1, 2 Fans	\$	\$	\$	\$	\$

1.1 Table 8 – Building # 471, 330 Croil Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Outside of Building	Carrier	38AK-024-1	4092F 2030	Air Cooled Condenser, R-22, 575/3/60	\$	\$	\$	\$	\$
1	Mechanical Room	Sheldons	80MPSE R.2000 M	901429 -1 30-050-01	AHU #1, Glycol Heating, DX Cooling, 10HP, 575/3/60 Filters: 6-12X24X21 (bag) 6-24X24X21 (bag) 6-12X24X2 (electrostatic) 6-24X24X2 (electrostatic)	\$	\$	\$	\$	\$
1	Mechanical Room	Nortec	MP500	0H607 09635 30-050-01	Electric Humidifier for AHU #1	\$	\$	\$	\$	\$
1	Mechanical Room	Sheldons	245ULF SWSI	901430 -1	RF #1, 5HP Belts: 2XB50	\$	\$	\$	\$	\$

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1	Mechanical Room	Armstrong	Astro 50	N/A 20-400-03	Glycol Heating Circulator for AHU #1	\$	\$	\$	\$	\$
1	Mechanical Room	Bell & Gossett	1AA51/4 BF	160587 0C09 20-400-04	P1 Glycol Heating Pump	\$	\$	\$	\$	\$
1	Mechanical Room	Bell & Gossett	1AA51/4 BF	160586 0C09 20-400-05	P2 Glycol Heating Pump	\$	\$	\$	\$	\$
1	Mechanical Room	Armstrong	H-32STD	N/A 20-400-06	P3 Glycol Heating Pump	\$	\$	\$	\$	\$
1	Mechanical Room	Grundfos	UP15-18SF	N/A 50-400-01	Domestic Hot Water Recirculation Pump	\$	\$	\$	\$	\$
1	Mechanical Room	Giant	172ETE-3F5M	A3312 515	60 Gallon Electric Hot Water Heater	\$	\$	\$	\$	\$
1	Mechanical Room	Weil-McLain	CG-8-PIN	CP340 0253 20-070-01	Gas Fired Glycol Heating Boiler #1 c/w Boiler Pump, 245MBH	\$	\$	\$	\$	\$
1	Mechanical Room	Weil-McLain	CG-8-PIN	CP340 0254 20-070-02	Gas Fired Glycol Heating Boiler #2 c/w Boiler Pump, 245MBH	\$	\$	\$	\$	\$
1	Mechanical Room	Weil-McLain	CG-8-PIN	CP340 0255 20-070-03	Gas Fired Glycol Heating Boiler #3 c/w Boiler Pump, 245MBH	\$	\$	\$	\$	\$
1	Mechanical Room (sump pit)	N/A	N/A	N/A	Submersible Sump Pump c/w Controller	\$	\$	\$	\$	\$
1	Mechanical Room	N/A	N/A	N/A	Glycol Transfer Station c/w Expansion Tank	\$	\$	\$	\$	\$

1.1 Table 9 – Building # 475, 300 Canadair Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Mechanical Room	Trane	SRUB-C155B	S87F4 3765 30-025-05	AC #5, DX Cooling, R-22 Filters: 8-15X20X2 Belt: 1XB55	\$	\$	\$	\$	\$
1	Mechanical Room	Nortec	MP-400	7E249 2 30-050-01	Electric Humidifier for AC #5, 575/3/60	\$	\$	\$	\$	\$
1	Mechanical Room	Trane	N/A	N/A 30-260-01	RF #1 Return Fan for AC #5	\$	\$	\$	\$	\$
1	Mechanical Room	N/A	N/A	N/A 30-270-01	Exhaust Fan #1 Belt: 1XA26	\$	\$	\$	\$	\$
1	Mechanical Room	Trane	T3LP-HF-FVU	767012 30-050-01	Supply Fan S-1 c/w Electric Duct Heater (35KW) Filters: 2-15X20X2 Belt: 1XA42	\$	\$	\$	\$	\$
1	Mechanical Room	Trane	T3LP-HF-FVU	767,01 4	Supply Fan S-2 Filters: 2-15X20X2 Belt: 1XA38	\$	\$	\$	\$	\$
1	Mechanical Room	Armstrong	S35AB	8,511	Domestic Hot Water Recirculation Pump	\$	\$	\$	\$	\$
1	Mechanical Room	Giant	172ETE-3F8M-E8	A5177 800	60 Gallon Electric Hot Water Heater	\$	\$	\$	\$	\$
1	Room #109	Leibert System 3	UH114A UB00	119695 B 30-025-03	AC #3, DX Cooling R-22, 2 Circuits c/w Electric Reheats and Humidifier Filters: 3-20X24X4 Belts: 2XB38	\$	\$	\$	\$	\$
1	Room #109	Leibert System 3	UH114A UB00	110815 A 30-	AC #2, DX Cooling R-22, 2 Circuits c/w	\$	\$	\$	\$	\$

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				025-02	Electric Reheats and Humidifier Filters: 3-20X24X4 Belts: 2XB38					
1	Room #120	Trane	SRUB-C155D	N/A 30-025-04	AC #4, DX Cooling R-22 Filters: 2-16X24X1 Belts: 1XA46	\$	\$	\$	\$	\$
1	Exterior (inside fence)	Mitsubishi Mr. Slim	PYA365 NA2	7U002 71B	Ductless Split AC, R-410a	\$	\$	\$	\$	\$
1	Exterior (inside fence)	Mitsubishi Mr. Slim	PU18EK	250001 00B	Ductless Split AC, R-22	\$	\$	\$	\$	\$
1	Main Hallway (roll-up door)	Hydromatic	N/A	N/A	Submersible Sump Pump c/w Controller	\$	\$	\$	\$	\$

1.1 Table 10 – Building # 512, 265 DeNiverville Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Main Mechanical Room 125	Heat Controller Inc.	A-HMC12 AS	404KA G5001 11	Wall Mounted Remote Condensing Unit, R-22	\$	\$	\$	\$	\$
1	Main Mechanical Room 125	Mitsubishi Mr. Slim	PUY-A24NH A2	89U01 181D	Ceiling Mounted Remote Condensing Unit, R-410a	\$	\$	\$	\$	\$
4	Main Mechanical Room 124 (back room)	Caravan Slant/Fin	GG-399 HEC	20-270-01 20-270-02 20-270-03 20-270-04	Gas Fired Hot Water Heating Boilers, 400MBH c/w SC2000 Controller	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Drew	N/A	N/A 55-484-01	Glycol Fill Station c/w Pump	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1207 -5.7W1B	20-400-07	Perimeter Radiation Hot Water Heating Pump P #7	\$	\$	\$	\$	\$

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1	Main Mechanical Room 124	Taco	FM1207-5.7W1B	20-400-08	Perimeter Radiation Hot Water Heating Pump (standby) P #8	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM2007-6.5W1C	20-400-09	Chilled Water Pump P #9	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM2007-6.5W1C	20-400-10	Chilled Water Pump (standby) P #10	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	BI-18	30-270-03	West Office Area Return Fan RF #3 Belt: 1XA38	\$	\$	\$	\$	\$
2	Main Mechanical Room 124	Hydromatic	N/A	N/A	Duplex Submersible Sump Pumps c/w Controller	\$	\$	\$	\$	\$
1	Supply Room 107	Heat Controller Energy Night	B-HMC12 AS	403KA UU00062	Ductless Split AC Unit c/w Condensate Pump	\$	\$	\$	\$	\$
1	Outside Patio	Fujitsu	AOU18C1	ACN005171	Ductless Split AC Unit c/w Condensate Pump	\$	\$	\$	\$	\$
1	Server Room Inside 142	Mitsubishi	PKA-A24FA	84A00217C	Ductless Split AC Unit, R-410a c/w Condensate Pump	\$	\$	\$	\$	\$
1	Server Room 144	Fujitsu	ASU18C1	ACA009385	Ductless Split AC Unit c/w Condensate Pump	\$	\$	\$	\$	\$
1	Outside North	Fujitsu	AOU18C1	ACN005109	Ductless Split AC Unit	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Carnes	HCDE	10526-05-230-350-01	Humidifier #1	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Carnes	HCDE	10526-05-130-350-02	Humidifier #2	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Carnes	HCAE	10526-05-330-350-03	Humidifier #3	\$	\$	\$	\$	\$
1	Main	Carnes	HCDE	10526-	Humidifier #4	\$	\$	\$	\$	\$

	Mechanical Room 124			05-4 30- 350-04						
1	Main Mechanical Room 124	Trane	MCCA0 12GAE	K93J6 1649 30- 050-01	AHU #1 North Office, Glycol Heating & Cooling Filters: 3- 20X24X2 (pleated) 3- 20X24X12 (bag) Belt: 1XB42	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Trane	MCCA0 12GAE	K93J6 1584 30- 050-02	AHU #2 South Office, Glycol Heating & Cooling Filters: 3- 20X24X2 (pleated) 3- 20X24X12 (bag) Belt: 1XB42	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Trane	MCCA0 0080AE	K93J6 0824 30- 050-03	AHU #3 West Office, Glycol Heating & Cooling Filters: 2- 20X24X2 (pleated) 2- 20X24X12 (bag) Belt: 1XA53	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Trane	MCCA0 11788	K93J6 2483 30- 050-04	AHU #4 Secure Area, Glycol Heating & Cooling Filters: 6- 20X20X2 (pleated) 6- 20X20X12 (bag) Belt: 1XB51	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Trane	CCACC 702RHN JR423C DFPT	U93J0 8212 25- 110-01	Reciprocating Chiller, 2 Circuits, 70 Tons, R-22	\$	\$	\$	\$	\$

1	Outside	Trane	CAUCC 6052003 1	J93H8 2254	Air Cooled Condenser for Reciprocating Chiller, 6 Fans	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi		30- 260-01	Supply Fan	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi		30- 260-02	Supply Fan	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	BI-18	30- 260-03	Return Fan, In-Line, ¾ HP, 575/3/60, 1720 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineer ed Air	CUH7	20- 280-01	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineere d Air	CUH7	20-280- 02	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineere d Air	CUH7	20-280- 03	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineere d Air	V4	20-280- 04	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineer ed Air	CUH7	20- 280-05	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineer ed Air	V4	20- 280-06	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Engineer ed Air	V4	20- 280-07	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	BI-24	30- 270-01	North Office return Fan RF #1 Belt: 1XB58	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	BI-24	30- 270-02	South Office Area Return Fan RF #2 Belt: 1XB56	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	BI-27	30- 270-04	Secure Area Return Fan RF #4 Belt: 1XB58	\$	\$	\$	\$	\$

1	Main Mechanical Room 124	Delhi	BI-I6	30-270-05	General Exhaust Fan, ¾ Hp, 115V/1/60, 1750 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	210 INS	30-270-06	Exhaust Fan EF #2, 1/2HP, 120/1/60, 734 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Delhi	209 INS	30-270-07	Electrical Room Exhaust Fan, ¾ Hp, 115V/1/60, 1750 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Albany	S55NX MYL-6906	60-325-01	Fire Booster Pump, 1/3 HP, 115V/1/60	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Albany		55-400-01	Cooling Pump, Glycol, 1/3 HP, 115V/1/60, 1725 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	110-B24	50-400-01	Domestic Water Recirculation Pump, 1/2 HP, 115V/1/60, 1725 RPM	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1506 - 5.2WZB	20-400-03	Secondary Hot Water Heating Pump P #3	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1506 - 5.2WZB	20-400-04	Secondary Hot Water Heating Pump (standby) P #4	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1506 - 5.2WZB	20-400-01	Heating Pump	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1506 - 5.2WZB	20-400-02	Heating Pump	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1507 -6.5W1C	20-400-05	Glycol Heating Pump for AHUs, P #5	\$	\$	\$	\$	\$
1	Main Mechanical Room 124	Taco	FM1507 -6.5W1C	20-400-06	Glycol Heating Pump for AHUs (standby) P #6	\$	\$	\$	\$	\$

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fk294
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1	Main Mechanical Room 124	John Wood	JW1206 C-205	940294 8807 50-550-01	100 Gallon Electric Hot Water Heater, 600V/3/60	\$	\$	\$	\$	\$
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1.1 Table 11 – Building # 551, 425 Breadner Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Pool Boiler Room	Raypak	E1631W G-N	108485 56	Gas Fired Pool Heater, 1.63 MBH	\$	\$	\$	\$	\$
1	Pool Boiler Room	John Wood	Signature Series CST-119	R0835 F707	Domestic Hot Water Storage Tank	\$	\$	\$	\$	\$
1	Pool Boiler Room	Armstrong	S-35 AB	N/A	Domestic Hot Water Circulation Pump	\$	\$	\$	\$	\$
1	Pool Boiler Room	Carrier	58MCA	0601A 12310	Gas Fired Forced Air Furnace c/w T'stat Filter: 16X25X1 (pleated)	\$	\$	\$	\$	\$
1	Pool Boiler Room	Laars	Mighty Therm	N/A	Gas Fired Domestic Hot Water Boiler	\$	\$	\$	\$	\$

Note: Contractor is responsible for winter lay-up of Gas Fired Domestic Hot Water Boiler and Gas Fired Pool Heater

1.1 Table 12 – Hangar # 14, 250 Croil Private

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
4	East Wall Exterior	Various	Various	Various	Thru-Wall AC Units	\$	\$	\$	\$	\$
1	East Wall Exterior	Heat Controller Inc.	A-HMC18 AS	308KA 00139	Ductless Split AC Unit, R-22	\$	\$	\$	\$	\$
1	East Wall Exterior	N/A	N/A	N/A	Wall Exhauster (481)	\$	\$	\$	\$	\$
6	Inside	Various	Various	Various	Thru-Wall AC	\$	\$	\$	\$	\$

	Hangar Area East			s	Units					
1	East 2nd Floor Mechanical Room	Engineered Air	DJ-40	M5913 MUA-1 30-050-02	Indirect Gas Fired MUA Unit c/w Condensate Pump Filters: 4-16X25X2 (pleated) Belt: 1XB51	\$	\$	\$	\$	\$
1	Room 224	N/A	N/A	N/A	AHU #3	\$	\$	\$	\$	\$
1	Office Roof Top	Goodman	HDC24-1AB	980555 7632 25-030-05	Air Cooled Condenser R-22	\$	\$	\$	\$	\$
1	Office Roof Top	Keeprite	DFC4H3 12J1B	V0915 2040	Air Cooled Condenser R-410a	\$	\$	\$	\$	\$
1	Office Roof Top	Trane	WCC02 4F100B D	N095N U82H 30-407-01	Roof Top DX AHU, R-22, 1 Fan c/w Condensate Pump	\$	\$	\$	\$	\$
1	Office Roof Top Inside Hangar Serves Room 105	Panasonic	CU-C24BKP 6	592202 282	Air Cooled Condenser R-22 c/w Condensate Pump	\$	\$	\$	\$	\$
5	West Wall Interior	Various	Various	Various	Thru-Wall AC Units	\$	\$	\$	\$	\$
1	Northwest Corner Mechanical Room	New York Blower	S3842	30-260-01	North Trench Heater (steam) Belt: 3XB133	\$	\$	\$	\$	\$
1	Northwest Corner	Dunham Bush	N/A	N/A	Steam Unit Heater	\$	\$	\$	\$	\$
1	Hangar Door Hallway North	Heat Controller Inc.	A-DMC1B S8-1	A0711 83810	Ductless Split AC 18,000 BTU, R410a	\$	\$	\$	\$	\$
2	Room 208	Various	Various	Various	Window AC Units	\$	\$	\$	\$	\$
6	West Wall Exterior	Various	Various	Various	Window AC Units	\$	\$	\$	\$	\$
2	West Wall Exterior	Various	Various	Various	Wall Exhausters	\$	\$	\$	\$	\$
1	West Wall Inside	Heat Controller Inc.	N/A	N/A	Air Cooled Condenser	\$	\$	\$	\$	\$
1	South West	New	S3842	30-	South Trench	\$	\$	\$	\$	\$

	Corner Mechanical room	York Blower		260-02	Heater (steam) Belt: 3XB133					
1	Boiler Room	Central Air Conditioning	HMC018KDIS	206KA00196	Wall Hung Air Cooled Condenser, R-22	\$	\$	\$	\$	\$
1	Boiler Room	Heat Controller Inc.	A-HMC09AS	404KATM00017	Wall Hung Air Cooled Condenser, R-22	\$	\$	\$	\$	\$
1	Boiler Room	Delhi	G18	30-260-04	Mechanical Room Exhaust	\$	\$	\$	\$	\$
1	Boiler Room	Cleaver Brooks	DT-C20	FG-2783	Duplex Boiler Feedwater System	\$	\$	\$	\$	\$
1	Boiler Room	Darling	1U1/2HP	D2007121	Duplex Condensate Return System	\$	\$	\$	\$	\$
2	Boiler Room	Armstrong	3X3X84300TC	561519(P1) 561520(P2)	Heating Pumps	\$	\$	\$	\$	\$
1	Boiler Room	Heat Controller Inc	A-HMC12AS	404KAFX00147	Wall Hung Air Cooled Condenser, R-22	\$	\$	\$	\$	\$
5	Boiler Room	Cleaver Brooks	M5P3500LV Series 700	MS-19511(1) MS-19512(2) MS-19509(3) MS-19510(4) MS-19508(5)	2,800 MBH Gas Fired, Low Water Volume, High Pressure (60psi), Water Tube, Steam Boilers	\$	\$	\$	\$	\$
1	Boiler Room	Cleaver Brooks	DT-C20	FG-2784	Duplex Boiler Feedwater System	\$	\$	\$	\$	\$
1	Boiler Room	Dunham Bush	N/A	20-280-07	Steam Unit Heater	\$	\$	\$	\$	\$
1	Boiler Room	N/A	N/A	30-260-03	Combustion Air Fan	\$	\$	\$	\$	\$

1.1 Table 13 – Hangar # 11, 190 Convair Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Basement Mechanical Room	N/A	N/A	N/A 30-270-01	Mechanical Room Exhaust	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Delhi	N/A	N/A 30-270-02	Electrical Room Exhaust EF-3 A-41 Belt	\$	\$	\$	\$	\$
1	Basement Mechanical Room	IPC	PV01	40-010-02	Pneumatic Building Control System Air Compressor	\$	\$	\$	\$	\$
1	Basement Mechanical Room	FRIULA IR	LTE3	063	Air Dryer (R134a, 175 grams)	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Armstrong	3X3X8 4300TC	565225	Heating Pump P-1 5HP 575/3/60	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Armstrong	3X3X8 4300TC	565226	Heating Pump P-2 5HP 575/3/60	\$	\$	\$	\$	\$
2	Basement Mechanical Room	Hydromatic	N/A	N/A	Submersible Sump Pumps, ¾ HP c/w Controls	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Armstrong	N/A	N/A	Perimeter Radiation Heating Pump	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Giant	152ETE-3F7M	A4545 994	40 Gallon Electric Hot Water Heater c/w Recirc. Pump	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Giant	172ETE-3F8M-E8	A5529 677	60 Gallon Electric Hot Water Heater	\$	\$	\$	\$	\$
1	Basement Mechanical Room	Fantech	FG8XL	617271 30-260-04	Mechanical Room Cooling Fan	\$	\$	\$	\$	\$
1	Basement Mechanical Room	N/A	N/A	N/A	Condensate Receiver Tank c/w Duplex Pumps and Controls	\$	\$	\$	\$	\$
1	Hangar West	McQuay	CAH014 GDAC	FB0U0 908004	AHU#2 DX Cooling,	\$	\$	\$	\$	\$

	Mezzanine			90	Steam Heating 2X-BX35 Belts					
1	Hangar Lower Roof West Side	RefPlus	OVZ-182-1H2-8	D2-009080013	Air Cooled Condenser, 4 Fans, 2 Circuits, R-22	\$	\$	\$	\$	\$
1	Hangar Lower Roof West Side	Cook	100ACEH100C15BH	405SC71137-00/0000701	EF#1, 1/8 HP, 115/1/60	\$	\$	\$	\$	\$
1	Hangar Lower Roof West Side	RefPlus	OVZ-162-1H2-8	D2-009080012	Air Cooled Condenser, 4 Fans, 2 Circuits, R-22	\$	\$	\$	\$	\$
1	Hangar East Mezzanine	McQuay	CAH012GDAC	FB0U09080002	AHU#2 DX Cooling, Steam Heating 1X-BX40 Belts	\$	\$	\$	\$	\$
4	Air Marshall Area	Various	Various	Various	Window Mounted Air Conditioners	\$	\$	\$	\$	\$
1	Hangar West Mezzanine	Comfort Air Heat Controller	SMA125A-0	163335843070300030	Remote Condensing Unit, R-410a	\$	\$	\$	\$	\$
1	Hangar Lower Roof East Side	Daikin	RXS12DVJU	E002420	Remote Condensing Unit for Front Entrance c/w T'Stat, R-410a (2lbs)	\$	\$	\$	\$	\$
1	Hangar Lower Roof East Side	Cook	70ACEH70C15DH	405SH71137-00/0002201	EF#2 1/20 HP, 115/1/60	\$	\$	\$	\$	\$
1	Air Marshal Building	KeepRite	FVM4X6000A	A071183810	DX Fancoil Unit (60,000 BTU) c/w Air Cooled Condensing Unit (R-410a), Note: condenser is on airport tarmac, escort required	\$	\$	\$	\$	\$
1	Hangar 11 Upper Roof Top	Lennox	CHA16-413-1Y	5490J09276	DX Rooftop AHU (R-22), 208/3/60	\$	\$	\$	\$	\$

1.1 Table 14 – Building # 553, 704 Bluenose Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Outside North West	Cambridge Engineering	M115	T0412 34H	Direct, Gas Fired MUA #1, 726MBH, Belts: 2X-BX62	\$	\$	\$	\$	\$
4	Inside	Plyovent	FUA-3000	N/A	Exhaust Extraction Fans, 1.5HP	\$	\$	\$	\$	\$
1	Inside	Cambridge Engineering	38-124	N/A	Cambridge Remote Control Station c/w QEL CO/NO ² Sensors	\$	\$	\$	\$	\$

1.1 Table 15 – Building # 554, 708 Bluenose Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Outside East	Cambridge Engineering	M112	T0411 35G	Direct, Gas Fired MUA #1, 363MBH, Belts: 1X-A60	\$	\$	\$	\$	\$
1	Inside	Plyovent 1800	N/A	N/A	Welding Exhaust Fan	\$	\$	\$	\$	\$
1	Inside	Cambridge Engineering	38-124	N/A	Cambridge Remote Control Station c/w QEL CO/NO ² Sensors	\$	\$	\$	\$	\$

1.1 Table 16 – Building # 555, 720 Bluenose Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
4	Outside North	BARD	WG60C AXBXX	153N0 724188	Thru-Wall Gas Fired	\$	\$	\$	\$	\$

			4XXI	5-1	Heating 75MBH, 5 Ton DX Cooling Units, R-22					
1	Men's Washroom	N/A	N/A	N/A	Washroom Exhaust	\$	\$	\$	\$	\$
1	Women's Washroom	N/A	N/A	N/A	Washroom Exhaust	\$	\$	\$	\$	\$
4	Various	Honeywell	TH3000	N/A	Remote Temperature Controllers	\$	\$	\$	\$	\$
1	Room #33 Men's Washroom	Rheem Ruud	EGS85C -18	1209L 00721	80 US Gallon Electric Hot Water Heater	\$	\$	\$	\$	\$

Bidders must submit their financial bid in accordance with the Pricing Schedule detailed below. The total amount of Applicable Taxes is to be shown separately.

Summary of Table 1, Years 1 to 5 (inclusive)

Period	Firm quarterly Rate	Number of quarters	Firm Annual Rate
Year 1	\$	x 4	\$
Year 2	\$	x 4	\$
Year 3	\$	x 4	\$
Year 4	\$	x 4	\$
Year 5	\$	x 4	\$
Total			\$

**IN THE CASE OF ERROR IN THE EXTENSION OF PRICES, THE UNIT PRICE WILL GOVERN.
CANADA MAY ENTER INTO CONTRACT WITHOUT NEGOTIATION.**

Pricing Schedule 2: Extra Work - As and When Requested

Extra work as described in Annex A - PWGSC Statement of Work 8M30817-6 - "Extra Work" will be conducted on an as and when requested basis where charges must be made for actual labour and repair and replacement parts. Estimated quantity of hours per year for extra work is for evaluation purposes only.

When "As and when" work is requested during the contract period, the contractor must complete and submit the Annex C "Cost Estimate Form for Extra Work". Written authorization must be obtained from the Technical Authority prior to conducting any extra work.

Submit a Firm All inclusive Labour Rate (including Overhead, Profit, and all related Costs) in Canadian funds.

2.1 LABOUR: Our firm hourly rate per qualified **A/C personnel** shall be:

Regular Time: <i>Monday to Friday 08:00 until 16:00</i>	Year 1	Year 2	Year 3	Year 4	Year 5
Rate/Hour	\$ /HR				
Estimated quantity of hours per year	200	200	200	200	200
Extended Price	\$	\$	\$	\$	\$
2.1(i) SUB-TOTAL:					\$

ii) Outside Regular Hours: Monday to Saturday, Time and a Half (1.5 x Reg. Hourly Rate)	Year 1	Year 2	Year 3	Year 4	Year 5
Rate/Hour	\$ /HR				
Estimated quantity of hours per year	20	20	20	20	20
Extended Price	\$	\$	\$	\$	\$
2.1(ii) SUB-TOTAL:					\$

iii) Sunday & Statutory Holidays, Double Time (2.0 x Reg. Hourly Rate)	Year 1	Year 2	Year 3	Year 4	Year 5
Rate/Hour	\$ /HR				
Estimated quantity of hours per year	10	10	10	10	10
Extended Price	\$	\$	\$	\$	\$
2.1(iii) SUB-TOTAL:					\$

2.2 LABOUR: Our firm hourly rate per qualified **G1 personnel** shall be:

Regular Time: <i>Monday to Friday 08:00 until 16:00</i>	Year 1	Year 2	Year 3	Year 4	Year 5
Rate/Hour	\$ /HR				
Estimated quantity of hours per year	200	200	200	200	200
Extended Price	\$	\$	\$	\$	\$
2.2(i) SUB-TOTAL:					\$

ii) Outside Regular Hours: Monday to Saturday, Time and a Half (1.5 x Reg. Hourly Rate)	Year 1	Year 2	Year 3	Year 4	Year 5
Rate/Hour	\$ /HR				
Estimated quantity of hours per year	20	20	20	20	20
Extended Price	\$	\$	\$	\$	\$
2.2(ii) SUB-TOTAL:					\$

iii) Sunday & Statutory Holidays, Double Time (2.0 x Reg. Hourly Rate)	Year 1	Year 2	Year 3	Year 4	Year 5
Rate/Hour	\$ /HR				
Estimated quantity of hours per year	10	10	10	10	10
Extended Price	\$	\$	\$	\$	\$
2.2(iii) SUB-TOTAL:					\$

2.3 LABOUR: Our firm hourly rate per qualified **OBT-2 personnel** shall be:

Regular Time: Monday to Friday 08:00 until 16:00	Year 1	Year 2	Year 3	Year 4	Year 5
Rate/Hour	\$ /HR				
Estimated quantity of hours per year	200	200	200	200	200
Extended Price	\$	\$	\$	\$	\$
2.3(i) SUB-TOTAL:					\$

ii) Outside Regular Hours: Monday to Saturday, Time and a Half (1.5 x Reg. Hourly Rate)	Year 1	Year 2	Year 3	Year 4	Year 5
Rate/Hour	\$ /HR				
Estimated quantity of hours per year	20	20	20	20	20
Extended Price	\$	\$	\$	\$	\$
2.3(ii) SUB-TOTAL:					\$

iii) Sunday & Statutory Holidays, Double Time (2.0 x Reg. Hourly Rate)	Year 1	Year 2	Year 3	Year 4	Year 5
Rate/Hour	\$ /HR				
Estimated quantity of hours per year	10	10	10	10	10
Extended Price	\$	\$	\$	\$	\$
2.3(iii) SUB-TOTAL:					\$

2.4 MATERIALS: Materials will be charged at our laid-down cost plus a mark-up of:

	Year 1	Year 2	Year 3	Year 4	Year 5
Percentage Mark Up	%	%	%	%	%
Estimated Expenditure	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
Extended Price:	\$	\$	\$	\$	\$
2.4 SUB-TOTAL:					\$

* The Extended Price for materials is calculated by adding the mark-up quoted to the total estimated expenditure (Example: Year 1, \$500.00 estimated expenditure; 10% mark-up quoted = \$500.00 + (\$500.00 x 10%) = \$550.00).

Parts will be supplied FOB Destination including all delivery charges. The following definitions have been used to arrive at the figures as noted:

i) MARK-UP - The difference between the Contractor's laid-down cost for product and resale price to the Crown. Mark-up includes applicable internal cost allocation by the Contractor such as material handling and general and administrative (G&A) expenses plus profit.

ii) LAID-DOWN COST - The cost incurred by a vendor to acquire a specific product or service for resale to the government. This includes but is not limited to the supplier's invoice price (less trade discounts), plus any applicable charges for incoming transportation, foreign exchange, customs duty and brokerage.

AUTHORIZATION FOR DELIVERY: The consignee shall request delivery of goods/services identified in Pricing Schedule 2 (2.1 to 2.3 (i), (ii), (iii) and 2.4) on an authorization form provided by the Technical Authority.

TOTAL ASSESSED PROPOSAL PRICE

Sum of Basis of Pricing

Pricing Schedule 1: Table 1 (Summary Table) = Subtotal \$ _____ +

Pricing Schedule 2: 2.1 (i) to (iii) = Subtotal \$ _____ +

Pricing Schedule 2: 2.2 (i) to (iii) = Subtotal \$ _____ +

Pricing Schedule 2: 2.3 (i) to (iii) = Subtotal \$ _____ +

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Pricing Schedule 2: 2.4 = Subtotal \$ _____ +

Total assessed proposal price = \$ _____

**IN THE CASE OF ERROR IN THE EXTENSION OF PRICES, THE UNIT PRICE WILL GOVERN.
CANADA MAY ENTER INTO CONTRACT WITHOUT NEGOTIATION.**

Section III: Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.

4.1.1 Technical Evaluation

Submission of Evidence

Submission of Evidence as described at **4.1.1.1 to 4.1.1.4** should be included with the bid at time of solicitation closing. However, if the following is not submitted with the bid by the solicitation closing date, 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.

The evidence provided by the bidder may be verified.

4.1.1.1 Card and Licensing Documentation

To carry out the work on this requirement, the contractor must provide the following seven (7) qualified service personnel as follows:

- **HVAC equipment - Three (3) Service Personnel** with:
 - A valid Ozone Depletion Prevention Card for the province of Ontario (or approved interprovincial equivalent);
 - A valid **Journey person (JP)** Refrigeration and Air Conditioning Certification License (or approved interprovincial equivalent);
 - A valid Fall Protection Certificate;
 - A valid Confined Space Entry Certificate; and
 - A valid Aerial Manlift Certificate.
- **Gas Fired Appliances - Three (3) Service Personnel** with:
 - A valid permanent province of Ontario Certificate G1 (Gas Technician 1) (or approved Red Seal interprovincial equivalent); and
 - A valid Fall Protection Certificate.
- **Oil Fired Appliances - One (1) Service Personnel** with:
 - A valid permanent province of Ontario Certificate OBT-2 (Oil Burner Technician-2) (or approved Red Seal interprovincial equivalent); and
 - A valid Fall Protection Certificate.

The personnel named in 'HVAC' above may also be named in 'Gas Fired Appliances' and 'Oil Fired Appliances' provided they hold the required certifications of each category.

4.1.1.2 Mandatory Non-Working Service Manager's Expertise and Experience

The bidder must provide evidence of its non-working Service Manager's recent experience by referencing at least one (1) similar project/contract. It is mandatory that the non-working Service Manager has three (3) recent years experience in a supervisory role in the field of HVAC equipment services.

In order to demonstrate the Non-working service manager's experience, the Bidder must provide a minimum of 1 client contact reference. The contact client reference must include contact name and information, start and end date of the services, a short description of the project and a short description of the responsibilities of the proposed non-working manager.

- The bidder should provide the information using the form below.
- Recent years experience is defined as from January 2008 up to and including the RFP closing date.
- Similar is defined as maintenance service of HVAC equipment comparable in size, scope to the equipment listed in Annex A, Statement of Work, SW5, Equipment Inventory.

In cases where experience is acquired concurrently, the time period will be considered only once for the purpose of calculating the minimum requirement of 3 years recent experience.

Canada may contact the client contact in order to validate the information provided.

In the case a client contact cannot be contacted with the contact information provided or in the event where the information cannot be confirmed by the client contacts named in the proposal, the proposal will be considered non-responsive and no further consideration will be given to the proposal.

Provide the name of the Non-Working Service Manager _____	
Name of client organization or Company	Name: _____
Name and title of client contact who can confirm the information presented in the proposal.	Name: _____ Title: _____
Telephone and e-mail address of client contact	Phone No.: _____ Fax No.: _____
Performance period of the project or contract (indicate year, month, day)	From: _____ (year/month/day) To: _____ (year/month/day)
Description of Project or contract: _____ _____ _____	

Responsibilities of the individual: <hr/> <hr/> <hr/> <hr/>

4.1.1.3 Mandatory Contractor's Experience and Past Performance

The bidder must provide evidence of its experience by referencing three (3) similar projects/contracts within the last eight (8) years.

In order to demonstrate the contractor's experience, the Bidder must provide a minimum of one client contact reference. The contact client reference must include contact name and information, start and end date of the services, a description of the project/contract.

- The bidder should provide the information using the form below.
- Recent experience is defined as experience gained from January 2008 up to and including the solicitation closing date.
- Similar is defined as a maintenance service on HVAC Systems comparable in size and scope to the equipment listed in Annex A, Statement of Work, Equipment Inventory.

Canada may contact the client contact in order to validate the information provided.

In the case a client contact cannot be contacted with the contact information provided or in the event where the information cannot be confirmed by the client contacts named in the proposal, the proposal will be considered non-responsive and no further consideration will be given to the proposal. If the Bidder submits references in excess of the stated requirement, only the references up to the identified limit of three (3) projects will be assessed. The first three (3) projects listed in the proposal will be considered for evaluation.

	PROJECT/CONTRACT REFERENCE # 1	PROJECT/CONTRACT REFERENCE # 2	PROJECT/CONTRACT REFERENCE # 3
Name of client organization or Company	Project/Contract Reference #1: _____	Project/Contract Reference #1: _____	Project/Contract Reference #1: _____
Name and title of client contact who can confirm the information presented in the proposal	Name: _____ Title: _____	Name: _____ Title: _____	Name: _____ Title: _____
Telephone and e-mail address of client contact	Phone Number: _____ E-mail: _____	Phone Number: _____ E-mail: _____	Phone Number: _____ E-mail: _____

Performance period of the project or contract (indicate year, month, day)	From: _____ (yyyy/mm/dd) To: _____ (yyyy/mm/dd)	From: _____ (yyyy/mm/dd) To: _____ (yyyy/mm/dd)	From: _____ (yyyy/mm/dd) To: _____ (yyyy/mm/dd)
Description of Project/Contract	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____

4.1.1.5 Apprentices

Apprentices employed by the Contractor must be fully registered in a Tradesman Program related to the services in Annex A, Statement of Work. Apprentices must work, at any time, under the direction of a Journeyman Mechanic. Canada reserves the right to request proof of registration in a Tradesman Program at any time during the term of the contract.

4.2 Basis of selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria 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 associated information to be awarded a contract.

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default in carrying out any of its obligations under the Contract, if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority may render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

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 Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder 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 specified will render the bid 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.

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder (see Annex G).

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder 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_equity/eq/emp/fcp/list/inelig.shtml) available from Employment and Social Development Canada (ESDC) - Labour's website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the

Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

5.3 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.

5.3.1 Status and Availability of Resources

The Bidder certifies that, should it be awarded a contract as a result of the bid solicitation, every individual proposed in its bid will be available to perform the Work as required by Canada's representatives and at the time specified in the bid solicitation or agreed to with Canada's representatives. If for reasons beyond its control, the Bidder is unable to provide the services of an individual named in its bid, the Bidder may propose a substitute with similar qualifications and experience. The Bidder must advise the Contracting Authority of the reason for the substitution and provide the name, qualifications and experience of the proposed replacement. For the purposes of this clause, only the following reasons will be considered as beyond the control of the Bidder: death, sickness, maternity and parental leave, retirement, resignation, dismissal for cause or termination of an agreement for default.

If the Bidder has proposed any individual who is not an employee of the Bidder, the Bidder certifies that it has the permission from that individual to propose his/her services in relation to the Work to be performed and to submit his/her résumé to Canada. The Bidder must, upon request from the Contracting Authority, provide a written confirmation, signed by the individual, of the permission given to the Bidder and of his/her availability. Failure to comply with the request may result in the bid being declared non-responsive.

5.3.2 Education and Experience

The Bidder certifies that all the information provided in the résumés and supporting material submitted with its bid, particularly the information pertaining to education, achievements, experience and work history, has been verified by the Bidder to be true and accurate. Furthermore, the Bidder warrants that every individual proposed by the Bidder for the requirement is capable of performing the Work described in the resulting contract.

PART 6 - SECURITY AND INSURANCE REQUIREMENTS

6.1 Security Requirement

1. Before award of a contract, the following conditions must be met:
 - (a) the Bidder must hold a valid organization security clearance as indicated in Part 7 – Resulting Contract Clauses;
 - (b) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work site(s) must meet the security requirement as indicated in part 7 - Resulting Contract Clauses;
 - (c) the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites;

2. Bidders are reminded to obtain the required security clearance promptly. Any delay in the award of a contract to allow the successful bidder to obtain the required clearance will be at the entire discretion of the Contracting Authority.

3. For additional information on security requirements, bidders should consult the "Security Requirements for PWGS Bid Solicitations – Instructions for Bidders" (<http://www.tpsgc-pwgs.gc.ca/app-acq/lc-pl/lc-pl-eng.html#a31>) **document on the Departmental Standard Procurement Documents** website.

6.2 Employee Information for Security

The Bidder should specify the following information regarding employees proposed in Part 4, Section 4.1.1 to provide services against any resulting contract:

PROPOSED EMPLOYEES			
	Legal Name (First and Last) (Please Print Clearly)	Date of Birth Day / Month / Year	Current Clearance Held
Service personnel 1 HVAC Equipment			
Service personnel 2 HVAC Equipment			
Service personnel 3 HVAC Equipment			
Service personnel 1 Gas Fired Appliances			
Service personnel 2 Gas Fired Appliances			
Service personnel 3 Gas Fired Appliances			
Service personnel 1 Oil Fired Appliances			
Non-Working Service Manager			

PART 7 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

7.1 Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work at Annex A.

To provide all necessary tools, materials and labour for all maintenance services and inspection services on heating, ventilation, air conditioning (HVAC), and related mechanical equipment in accordance with the Statement of Work 8M3-1581-2, attached herein as Annex A.

This requirement is for Public Works and Government Services Canada (PWGSC) located at the Canadian Forces Base – Uplands, in various buildings/locations, Ottawa (ON), in the National Capital Area.

7.1.1 Mandatory Response Time

As per **Annex A**, Statement of Work – 8M3-1581-2, **SW 3 – Service**, under 3.6, Service Calls, it is a mandatory requirement of the contract that:

All service calls between regular inspections must be answered by a qualified technician per SW1.2 within two (2) hours of receiving the call on a 24 hour, 7 day basis. All named Service personnel must be able to report on site ready to service the system within two (2) hours of receiving the request for emergency service and such work shall proceed continuously until the system is returned to safe operating condition.

7.1.2 Replacement of Specific Individuals

1. If specific individuals are identified in the Contract to perform the Work, the Contractor must provide the services of those individuals unless the Contractor is unable to do so for reasons beyond its control.
2. If the Contractor is unable to provide the services of any specific individual identified in the Contract, it must provide a replacement with similar qualifications and experience. The replacement must meet the criteria used in the selection of the Contractor and be acceptable to Canada. The Contractor must, as soon as possible, give notice to the Contracting Authority of the reason for replacing the individual and provide:
 - (a) the name, qualifications and experience of the proposed replacement; and
 - (b) proof that the proposed replacement has the required security clearance granted by Canada, if applicable.
3. The Contractor must not, in any event, allow performance of the Work by unauthorized replacement persons. The Contracting Authority may order that a replacement stop performing the Work. In such a case, the Contractor must immediately comply with the order and secure a further replacement in accordance with subsection 2. The fact that the Contracting Authority does not order that a replacement stop performing the Work does not relieve the Contractor from its responsibility to meet the requirements of the Contract.

Names of qualified employees

The contractor must provide the names of the qualified Technicians who will be assigned to work on this Contract. The names provided below must be the same personnel listed in Part 4 and Part 6 of the proposal.

Qualified Personnel	First & last name
Service personnel 1 HVAC Equipment	
Service personnel 2 HVAC Equipment	
Service personnel 3 HVAC Equipment	
Service personnel 1 Gas Fired Appliances	
Service personnel 2 Gas Fired Appliances	
Service personnel 3 Gas Fired Appliances	
Service personnel 1 Oil Fired Appliances	
Non-Working Service Manager	

7.2 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.

7.2.1 General Conditions

2035 (2016-04-04) General Conditions - Higher Complexity Services, apply to and form part of the Contract.

7.3. Security Requirements

7.3.1 The following security requirement (SRCL and related clauses) applies and form part of the Contract.

1. The Contractor/Offeror must, at all times during the performance of the Contract, hold a valid **Facility Security Clearance ant the level of SECRET**, issued by the Canadian Industrial Security Directorate (CISD), Public Works and Government Services Canada (PWGSC).
2. The Contractor/Offeror personnel requiring access to sensitive work site(s) much EACH hold a valid personnel security screening at the level of **SECRET**, granted or approved by CISD/PWGSC.
3. Subcontracts which contain security requirements are **NOT** to be awarded without the prior written permission of CISD/PWGSC.
4. The Contractor/Offeror must comply with the provisions of the:

- (a) Security Requirements Check List and security guide (if applicable), attached at Annex B
- (b) *Industrial Security Manual* (Latest Edition).

7.4 Term of Contract

7.4.1 Period of Contract

The period of the Contract is from _____ to _____ inclusive.
(5 year period - dates to be determined at contract award)

7.5 Authorities

7.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Josée Nolet, Supply Specialist
Public Works and Government Services Canada
Real Property Contracting Directorate
3C2-21, 11 Laurier Street, Place du Portage, Phase III
Gatineau (Québec) K1A 0S5

Telephone: 873 469-4896
Facsimile: 819 956-3600

Email: josee.nolet@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.

7.5.2 Technical Authority

"TO BE PROVIDED AT CONTRACT AWARD"

The Technical Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: _____
Facsimile: _____
E-mail address: _____

The Technical Authority named above 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 Technical Authority, however the Technical 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.

7.5.3 Contractor's Representative

The name and particulars of the person to be contacted for general enquiries and follow-up purposes:

Name: _____

Telephone: _____

Facsimile: _____

Cellular: _____

E-mail: _____

7.5.4 Specific Person(s)

The Contractor must provide the services of the following person(s) to perform the Work as stated in the Contract: **Non-Working Manager Service**

Supervisor Name: _____

Telephone Number: _____

Cellular Number: _____

Facsimile Number: _____

E-mail: _____

7.6 Proactive Disclosure of Contracts with Former Public Servants (If not applicable, clause will be deleted at contract award)

By providing information on its status, with respect to being a former public servant in receipt of a *Public Service Superannuation Act (PSSA)* pension, the contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with *Contracting Policy Notice: 2012-2* of the Treasury Board Secretariat of Canada.

7.7 Payment

7.7.1 Limitation of Expenditure

The Contractor will supply the goods and services under the Contract to an estimated **total expenditure** that must not exceed \$ **(to be determined)** (Applicable Taxes excluded) of which \$ **(to be determined)** (Applicable Taxes excluded) is for goods and/or services enumerated or described in Pricing Schedule 1, and \$ **(to be determined)** (Applicable Taxes excluded) is for additional goods and/or services that may be requested on an "As and When Requested" basis at the prices and/or rates set out in Pricing Schedule 2.

7.7.2 Basis of Payment - Firm Prices and "As and When"

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm prices, in accordance with General Conditions 2035 16 (2014-09-25) 'Payment Period' and the following tables. Applicable Taxes are extra, if applicable.

Firm rates will be paid in accordance with Pricing Schedule 1 in four (4) equal quarterly payments.

"As and When Requested" Work:

Any costs incurred for Extra Work will be paid, in accordance with Pricing Schedule 2 and the Statement of Work, Annex A, on an "as and when requested" basis, after completion, inspection and acceptance of the work performed.

Canada's total liability to the Contractor under the "as and when requested" portion of the Contract must not exceed **(to be determined)**. Applicable Taxes are excluded, if applicable.

The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Contracting Authority. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:

- (a) when it is 75 percent committed, or if the Contractor considers that the said sum may be exceeded, the Contractor must promptly notify the contracting Authority whichever comes first.
- (b) If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority, a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

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.

(Pricing tables to be inserted here at contract award)

7.7.3 SACC Manual Clauses

A9117C (2007-11-30) T1204 - Direct Request by Customer Department, apply to and form part of the Contract.

7.8 Invoicing Instructions - Maintenance Services

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions along with the monthly maintenance report described in Annex A "the Statement of Work" of the Contract.

Invoices cannot be submitted until all work identified in the invoice has been completed and that all maintenance service call reports related to the Work identified in the invoice have been received by the Technical Authority.

2. The Contractor must distribute the invoices and reports as follows:
 - (a) The original and two (2) copies of the invoices and maintenance reports must be forwarded to the address shown on page 1 of the Contract for certification and payment.

7.9 Certifications

7.9.1 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.

7.10 Applicable Laws

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

7.11 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 2035 (2016-04-04);
- (c) Annex A, Statement of Work;
- (d) Annex B, Security Requirements Check List;
- (e) the Contractor's proposal dated _____ (*insert date of bid*);
- (f) Annex C, Cost Estimate Form for Extra Work

7.12 Foreign Nationals (Canadian Contractor)

A2000C (2006-06-16) Foreign Nationals (Canadian Contractor) (if applicable), apply to and form part of the Contract.

7.13 Insurance

7.13.1 Insurance – Specific Requirements

The Contractor must comply with the insurance requirements specified in the **following article 7.13.2 Commercial General Liability Insurance**. The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.

The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

The Contractor must forward to the Contracting Authority within ten (10) days after the date of award of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. Coverage must be placed with an Insurer licensed to carry out business in Canada. The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

7.13.2 Commercial General Liability Insurance

1. The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000 per accident or occurrence and in the annual aggregate.
2. The Commercial General Liability policy must include the following:
 - a) Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada should read as follows: Canada, as represented by Public Works and Government Services Canada.
 - b) Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.
 - c) Products and Completed Operations: Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.
 - d) Personal Injury: While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.
 - e) Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.
 - f) Blanket Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.
 - g) Employees and, if applicable, Volunteers must be included as Additional Insured.
 - h) Employers' Liability (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program)
 - i) Broad Form Property Damage including Completed Operations: Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care,
 - a. custody or control exclusion found in a standard policy.
 - j) Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation.
 - k) If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.
 - l) Non-Owned Automobile Liability - Coverage for suits against the Contractor resulting from the use of hired or non-owned vehicles.
 - m) Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.
 - n) Litigation Rights: Pursuant to subsection 5(d) of the Department of Justice Act, S.C. 1993, c. J-2, s.1, if a suit is instituted for or against Canada which the Insurer would, but for this clause, have the right to pursue or defend on behalf of Canada as an Additional Named Insured under

the insurance policy, the Insurer must promptly contact the Attorney General of Canada to agree on the legal strategies by sending a letter, by registered mail or by courier, with an acknowledgement of receipt.

For the province of Quebec, send to:

Director Business Law Directorate,
Quebec Regional Office (Ottawa),
Department of Justice,
284 Wellington Street, Room SAT-6042,
Ottawa, Ontario, K1A 0H8

For other provinces and territories, send to:

Senior General Counsel,
Civil Litigation Section,
Department of Justice
234 Wellington Street, East Tower
Ottawa, Ontario K1A 0H8

A copy of the letter must be sent to the Contracting Authority. Canada reserves the right to co-defend any action brought against Canada. All expenses incurred by Canada to co-defend such actions will be at Canada's expense. If Canada decides to co-defend any action brought against it, and Canada does not agree to a proposed settlement agreed to by the Contractor's insurer and the plaintiff(s) that would result in the settlement or dismissal of the action against Canada, then Canada will be responsible to the Contractor's insurer for any difference between the proposed settlement amount and the amount finally awarded or paid to the plaintiffs (inclusive of costs and interest) on behalf of Canada.

7.14 Cellular Phones and/or Pagers

The Contractor's Foreman or Site Supervisor must be equipped with a cellular phone and/or pager at all times. All expenses including installation, air time, activating fees, and the cost of the phones/pagers themselves, will be the responsibility of the Contractor. The Contractor must maintain an uninterrupted communication service.

7.15 Government Site Regulations

The Contractor must comply with all regulations, instructions and directives in force on the site where the Work is performed.

7.16 Pre-Commencement Meeting

A pre-commencement meeting is mandatory for the Contractor prior to commencing any work and minutes of the meeting will be taken. The time and place of this meeting will be determined by the Technical Authority.

The Contractor is to supply the Technical Authority with a copy of its safety policy as required by the applicable Provincial Occupational Safety and Health Regulations.

7.17 Voluntary Reports for Apprentices Employed during the Contact

The Contractor should compile and maintain records on the number of apprentices that were hired to work on the contract and their trade specialty.

The Contractor should provide this data in accordance with the format below. If no apprentices were hired during the contract period, the Contractor should still provide a "nil" report.

The data should be submitted to the Contracting Authority six months after contract award or at the end of the contract, whichever comes first.

Number of apprentices hired	Trade Specialty

Contract No. - N° du contrat
EJ196-170523/A
Client Ref. No. - N° de réf. du client
20170523

Amd. No. - N° de la modif.
File No. - N° du dossier
fk294EJ196-170523

Buyer ID - Id de l'acheteur
fk294
CCC No./N° CCC - FMS No./N° VME

ANNEX A

STATEMENT OF WORK

EJ196-170523/A

(See document attached)

Contract No. - N° du contrat

EJ196-170523/A

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

20170523

Amd. No. - N° de la modif.

File No. - N° du dossier

fk294EJ196-170523

Buyer ID - Id de l'acheteur

fk294

CCC No./N° CCC - FMS No./N° VME

ANNEX B

SECURITY REQUIREMENT CHECK LIST (SRCL)

(See document attached)

Contract No. - N° du contrat
 EJ196-170523/A
 Client Ref. No. - N° de réf. du client
 20170523

Amd. No. - N° de la modif.
 File No. - N° du dossier
 fk294EJ196-170523

Buyer ID - Id de l'acheteur
 fk294
 CCC No./N° CCC - FMS No./N° VME

**Cost Estimate Form for Extra Work
 ANNEX C**

Contractor: _____

Date: _____

Description of Work:

(Please attach a separate sheet if required)

I Direct Costs	No. of Hours	Hourly Rate as per Contract Rate	Total
i Direct Labour			
Repair Work Labour			
Emergency Calls Labour			
Other Labour (Specify: _____)			
Total Direct Labour			\$ _____ (i)
ii Direct Material Costs *			
Replacement Parts			
Repair Parts			
Other Material (Specify: _____)			
Total Direct Material Costs			\$ _____ (ii)
iii Other Direct Costs			
Other (Specify: _____)			
Total Other Direct Costs			\$ _____ (iii)
II Total Price			
Total Direct Costs (i + ii + iii) (Applicable Taxes extra)			Total \$ _____

- **Note:** Materials will be charged at our laid-down cost plus a mark-up in accordance with Pricing Schedule 2.

Name: _____

(Please print)

Signature: _____

Contract No. - N° du contrat
EJ196-170523/A
Client Ref. No. - N° de réf. du client
20170523

Amd. No. - N° de la modif.
File No. - N° du dossier
fk294EJ196-170523

Buyer ID - Id de l'acheteur
fk294
CCC No./N° CCC - FMS No./N° VME

ANNEX D

**REMINDER TO SUBMIT A COMPLETE LIST OF NAMES OF ALL INDIVIDUALS WHO ARE
CURRENTLY DIRECTORS OF THE BIDDER**

NOTE TO BIDDERS:
WRITE DIRECTOR'S SURNAMES AND GIVEN NAMES IN BLOCK LETTERS

DIRECTORS:

ANNEX E

Voluntary Certification to Support the Use of Apprentices

1. To encourage employers to participate in apprenticeship training, Contractors bidding on construction and maintenance contracts by Public Works and Government Services Canada (PWGSC) are being asked to sign a voluntary certification, signaling their commitment to hire and train apprentices.
2. Canada is facing skills shortages across various sectors and regions, especially in the skilled trades. Equipping Canadians with skills and training is a shared responsibility. In Economic Action Plan (EAP) 2013, the Government of Canada made a commitment to support the use of apprentices in federal construction and maintenance contracts. Contractors have an important role in supporting apprentices through hiring and training and are encouraged to certify that they are providing opportunities to apprentices as part of doing business with the Government of Canada.
3. Through the Economic Action Plan 2013 and support for training programs, the Government of Canada is encouraging apprenticeships and careers in the skilled trades. In addition, the government offers a tax credit to employers to encourage them to hire apprentices. Information on this tax measure administered by the Canada Revenue Agency can be found at: www.cra-arc.gc.ca. Employers are also encouraged to find out what additional information and supports are available from their respective provincial or territorial jurisdiction.
4. Signed certifications will be used to better understand contractor use of apprentices on Government of Canada maintenance and construction contracts and may inform future policy and program development.
5. The Contractor hereby certifies the following:

In order to help meet demand for skilled tradespeople, the Contractor agrees to use, and require its subcontractors to use, reasonable commercial efforts to hire and train registered apprentices, to strive to fully utilize allowable apprenticeship ratios¹ and to respect any hiring requirements prescribed by provincial or territorial statutes.

The Contractor hereby consents to this information being collected and held by PWGSC, and Employment and Social Development Canada to support work to gather data on the hiring and training of apprentices in federal construction and maintenance contracts.

The journey person-apprentice ratio is defined as the number of qualified/certified journeypersons that an employer must employ in a designated trade or occupation in order to be eligible to register an apprentice as determined by provincial/territorial (P/T) legislation, regulation, policy directive or by law issued by the responsible authority or agency.

Name: _____

Signature: _____

Company Name: _____

Company Legal Name: _____

Solicitation Number: _____

Optional information to provide: _____

Number of apprentices planned to be working on this contract: _____

Trades of those apprentices: _____

SW 1. General

- .1 The Contractor shall furnish all necessary tools, services, materials and labour to execute the work required for the maintenance of the equipment on the terms and conditions contained herein and shall execute such work in a careful and workmanlike manner and in accordance with all related Codes, Standards and Regulations from all levels of Government (Provincial/Territorial, Municipal and Federal).
- .2 To carry out the work on this requirement, Service personnel employed by the Contractor or their approved sub-contractor must be in possession of:
 - .1 **HVAC equipment - Three (3) service personnel with:**
 - A valid Ozone Depletion Prevention Card for the Province of Ontario (or approved interprovincial equivalent); and
 - A valid **Journeyman (JP)** Refrigeration and Air Conditioning Certification Licence (or approved interprovincial equivalent); and
 - A valid Fall Protection Certificate; and
 - A valid Confined Space Entry Certificate; and
 - A valid Aerial Manlift Certificate.
 - .2 **Gas Fired Appliances - Three (3) service personnel with:**
 - A valid permanent Province of Ontario Certificate G1 (Gas Technician 1), (or approved Red Seal interprovincial equivalent); and
 - A valid Fall Protection Certificate
 - .3 **Oil Fired Appliances - One (1) service personnel with:**
 - A valid permanent Province of Ontario Certificate OBT-2 (Oil Burner Technician-2), (or approved Red Seal interprovincial equivalent); and
 - A valid Fall Protection Certificate

The personnel named in 'HVAC' above may also be named in 'Gas Fired Appliances' and 'Oil Fired Appliances' provided they hold the required certifications of each category.

- .3 Apprentices employed by the Contractor must be fully registered in a Tradesman Program and work under the direction of a Journeyman Mechanic. Canada reserves the right to request proof of registration in a Tradesman Program at any time during the term of the contract.
- .4 The Contractor shall, before replacing any specific person named in the contract, provide notice in writing to the Contracting Authority containing proof that the person has the required certification.

SW 2.1 Scope of Work - preventive maintenance / inspection

.1 General

The Contractor shall provide all required maintenance as per SW 3 and the manufacturer's recommendations, including but not limited to the items listed below, to maintain the equipment listed in SW 5, Equipment Inventory.

.2 Included in Contract

Labour for all maintenance inspections, leak testing, cleaning, lubrication; all labour and costs associated with the replacement of drive belts, filters and fuses.

.3 Performance

The Contractor shall maintain the equipment at its original performance level to provide conditions within the range required by the equipment being served by this system or as otherwise specified by the Technical Authority.

SW 2.2 Scope of Work (cont'd)

.4 Exclusions

The Contractor is not required as part of this contract to make renewals or repairs necessitated by reason of the negligent operation or misuse of the equipment by others or by reason of any other cause beyond his control except ordinary wear and tear of the equipment.

1. The contractor shall provide clear and concise rationale of the events leading up to the failure.

.5 Extra Work

1. The Contractor shall immediately inform the Technical Authority in writing *within 24 hours* of necessary repairs not included herein as being part of the work to be performed under the Contract. The Contractor may be called upon to effect these repairs.
2. The Contractor shall identify modifications or improvements to the equipment or system(s) that will enhance equipment serviceability, life expectancy and/or efficiency.
3. The Contractor will calculate the cost of the repairs (SW2.2.5.1), modifications or improvements (SW2.2.5.2) based on Basis of Pricing "Pricing Schedule 2". The Contractor may be called upon to effect this work.

.6 Wiring Diagrams - Adjustments Procedures and Operational Descriptions

Prove to the satisfaction of the Technical Authority when requested, possession of complete schematic wiring diagrams, detailed adjustment procedures and detailed operational descriptions of all equipment included in this Contract.

.7 Environmental Protection

The Contractor shall conform to all applicable environmental laws and regulations in effect including the Federal Halocarbon Regulations.

1. During repair or replacements the Contractor shall use closed-loop refrigerant recovery equipment to minimize Refrigerant emissions. A complete leak test on all refrigeration systems shall be performed twice during the calendar year (6 month intervals), and repairs made as required. Units shall then be tagged as **leak free**.
2. The Contractor must ensure that all Federal Halocarbon Regulation log book(s) entries are completed after each service and/or leak test. A copy of each leak test notice must be submitted to the Technical Authority with each respective invoice or upon request.
3. The Contractor shall ensure against oil spills or damage to surfaces and roofing system by providing protection such as plywood or plastic under the equipment during service operations. In the event of an accidental spill, the Contractor shall notify the Technical Authority immediately so that remedial action can be taken.
4. The Contractor shall not leave waste materials on site unless approved by the Technical Authority.
5. The Contractor shall not dispose of waste or volatile materials, such as mineral spirits or paints and oil thinner into waterways, storm or sanitary sewers.
6. The Contractor shall control the disposal of the runoff of water containing suspended materials or other harmful substances in accordance with local authority requirements.

SW 3. Service

.1 All equipment shall be inspected monthly or more frequently if found necessary, to provide trouble free operation.

.2 Scheduling

Unless otherwise directed, preventive maintenance shall be performed during regular working hours, Monday through Friday, 08:00 to 16:00 hours excluding statutory holidays.

.3 Maintenance Plan

Contractor shall produce a detailed comprehensive maintenance service plan specific to the equipment inventory which must outline all tasks, procedures, all maintenance routines and frequencies to meet or exceed manufacturers' recommendations identifying the maintenance that will be performed annually, semi-annually, quarterly and monthly. This maintenance plan shall contain and reflect the manufacturer's recommended maintenance and all requirements of this agreement. The proposed maintenance plan shall be reviewed by the Technical Authority and may require revision by the Contractor to meet Technical Authority's requirements. Any such changes shall be considered as part of this agreement. This plan must fully list all operating inspections, maintenance schedules and tests necessary to maximize equipment longevity and ensure the optimum level of performance over the full operating range of the equipment. The comprehensive maintenance service plan shall be submitted to the Technical Authority in the Microsoft Office Suite format (including sample inspections sheets for all routines), within 60 calendar days after award of the Contract.

.4 Control Systems:

Conduct periodic tests of the Control Systems where applicable, to ensure all circuits and settings are properly adjusted to suit requirements of the design capabilities of the system as originally furnished by the manufacturer. The frequency of testing controls will be according to manufacturer's specifications.

.5 Air Filter Service

The Contractor shall replace filters as required to fit the filter sections provided by the manufacturer. Filter size and efficiency to match original as supplied by the manufacturer and as indicated in SW5 Equipment Inventory.

.6 Service calls

All service calls between regular inspections must be answered by a qualified technician per SW1.2 within two (2) hours of receiving the call on a 24 hour, 7 day basis. All named Service personnel must be able to report on site ready to service the system within two (2) hours of receiving the request for emergency service and such work shall proceed continuously until the system is returned to safe operating condition.

.7 Inspections (refrigerant and carbon monoxide/nitrogen dioxide monitoring systems)

System to be calibrated and certified annually and a certificate provided. Certification to itemize calibration gas used, lot number, adjusted reading, flow rate and date of calibration along with signature of Contractor.

.8 Boilers

During the operating season all equipment shall be inspected monthly or more frequently if found necessary, to provide trouble free operation of the equipment. Seasonal start-up and shutdown of the equipment shall be coordinated with the PWGSC site authority. The performance of the work required shall provide for operation of the complete system(s) based on original design or subsequent approved design modifications, and shall be as recommended by the manufacturer(s).

- .1 A thorough inspection and cleaning of the boiler(s) waterside and fireside shall be performed on an annual basis and must be coordinated with the Technical Authority.
- .2 An annual combustion analysis is to be performed on each boiler during the operating season. A copy of the combustion analysis report(s) shall be submitted to the Technical Authority upon completion.

SW 3. Service (cont'd)

.9 Non-working Service Manager

The non-working Service Manager must be in full charge of the operations of the contractor in the performance of the services and shall be authorized to accept any notice, consent, order, direction, decision or other communication on behalf of the contractor that may be given under the contract. The manager must liaise as required with the Technical Authority and must be capable of communicating in English or French.

In the event that there is an emergency the Contractor's non-working Service Manager must be available to respond on-site Within two (2) hours of receiving the call on a 24 hour, 7 day basis.

SW 4. Reporting

- .1 The Contractor shall report to the Technical Authority verbally **and** by FAX, within twenty-four (24) hours, every visit required other than regular maintenance. The report shall detail all work completed, work outstanding and the reasons therefore and an estimated time frame for completion.

The Contractor shall call to the attention of operating staff verbally followed by a written report to the Technical Authority any improper procedures that may be noted by him and provide written instruction to guide the Technical Authority's staff.

The Contractor shall notify the Technical Authority in writing of any malfunction of equipment or systems related to, but not part of, the contract equipment which could adversely affect the reliability or cause damage to the system components under the maintenance contract

.2 Equipment report cards:

A completed service report card outlining any and all service performed on the equipment shall be enclosed in a clear vinyl envelope and affixed safely to the equipment. These report cards are to remain with the equipment for the duration of the contract and are to be turned over to the Technical Authority upon contract completion or termination.

.3 Service Reports:

A signed, written service report shall be completed at each regular maintenance visit, attesting that maintenance was performed as per the Maintenance Plan (SW3.3) and must be left on site in a suitable protective binder.

.4 Analysis reports:

- Gas fired appliance(s) combustion analysis reports are to be submitted, as stipulated in SW3.8.2. They are to be submitted no later than December 15th of each year.
- Refrigerant and carbon monoxide/nitrogen dioxide monitoring systems analysis reports are to be submitted as per SW3.7. They are to be submitted no later than December 15th of each year.

Copies of regular maintenance reports and monthly check lists shall be forwarded, with the quarterly invoice to the attention of:

Public Works and Government Services Canada
Maintenance & Operational Assurance
400 Cooper, 6th Floor
Ottawa, Ontario
K1A 0S5
Attention of: **TECHNICAL AUTHORITY**

Invoices **Must** include:

- (a) PWGSC reference (8M3-1581-2) & contract number (EJ196-170523)
- (b) period covered by invoice
- (c) building name & address

NOTE: *Invoices will be returned unpaid if attestation of maintenance has not been received for the invoiced period.*

SW 5 Equipment Inventory

Building: Building # 16, 16 Spitfire Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Boiler Room at Rear of Building	Weil-McLain	EG/PEG75 Series 4	0811559 CRN# E5691512345TY 20-075-01	300MBTUH Gas Fire Low Pressure Steam Boiler
1	Boiler Room at Rear of Building	Weil-McLain	EG/PEG75 Series 4	811560 CRN# E5691.512345TY 20-075-02	300MBTUH Gas Fire Low Pressure Steam Boiler
1	Boiler Room at Rear of Building	A.O. Smith	C48J2DB11	35507FM	Condensate Pump ½ HP
1	Boiler Room at Rear of Building	A.O. Smith	C48K2DB11	25007FM	Condensate Pump ¾ HP
1	Boiler Room at Rear of Building	Hoffman	HBFS086676-0303422	50HBFS-0920	Condensate Receiver Tank c/w Controls
1	Exterior Courtyard	Keeprite	KRCDC1512AL	OK148269/101 25-030-01	Air Cooled Condenser R-22, 575V/3/60
1	Exterior Courtyard	Keeprite	KRCDC1512A	QH205185/101 25-030-02	Air Cooled Condenser R-22, 575V/3/60
1	Main Mechanical Room	Chil-con	EF-06080 310	C880344A-1 25-130-01 25-030-02	DX Split Shell and Tube Chiller
1	Main Mechanical Room	Trane	8MP/HF/BVU	746257 30-050-01	AHU#1, Administration Area, Hot Water Heating, Chilled Water Cooling c/w Armstrong Humidifier, Belt: B-59 Filters: 1-18"X24"X2", 1-24"X24"X2, 1-24"X24"X18, 1-18"X24"X18"
1	Main Mechanical Room	Trane	T8IP-HC-TH	746262	RF#1 Belt: A-54
1	Main Mechanical Room	Trane	T8IP-HC-TH	746,261	RF#2 Belt: A-54
1	Main Mechanical Room	Trane	T14LP-HC-TH	746,260	RF#3 Belt: B-75
1	Main Mechanical Room	Trane	8MP-HF-BVU	746259 30-050-02	AHU#2, Hot Water Heating, Chilled Water Cooling c/w Armstrong Humidifier, Belt: B-59 Filters: 1-18"X24"X2", 1-24"X24"X2, 1-24"X24"X18, 1-18"X24"X18"
1	Main Mechanical Room	Trane	14MP-HF-TH	746258	AHU#3, Hot Water Heating, Chilled Water Cooling Belt: 2XB-68 Filters: 2-24"X24"X2", 3-12"X24"X2, 3-12"X24"X18"
1	Main Mechanical Room	Armstrong	HC-4300	238956-10-1-04	HUM#1, Electric Humidifier for AHU#3, 600/3/60
1	Main Mechanical Room	E.H. Price	DSQ-120-B	88054 30-270-02	Mechanical Room Cooling (Fresh Air)
1	Main Mechanical Room	Armstrong	816Q32-QQQ	Q3Q5	Heating Water Circulator Pump
1	Main Mechanical Room	Armstrong	HC-4300	238956-70-1-04	HUM#4, Electric Humidifier, 600/3/60

1	Main Mechanical Room	Armstrong	N/A	55-400-01	Chilled Water Circulator Pump
1	Main Mechanical Room	Armstrong	N/A	55-400-02	Chilled Water Circulator Pump
1	Main Mechanical Room	E.H. Price	DSQ-120-B	38053 30-270-01	Mechanical Room/Electrical Room Exhaust
1	Attic	Mark-Hot	N/A	N/A	Steam Unit Heater 1/3hp, 115/1/60
1	West Wall Outside	Mitsubishi Mr. Slim	MU09NW2	001140T	Wall Mounted Condensing Unit, R-22
1	Cage on North Side of Building	Keeprite	KVS020H2-HT5A-12CAAA	2,020,216	Air Cooled Condenser for DX Shell and Tube Chiller, 1 Circuit, 2 Fans
1	Cage on North Side of Building	Keeprite	KVS020H2-HT5A-12CAAA	2,020,217	Air Cooled Condenser for DX Shell and Tube Chiller, 1 Circuit, 2 Fans
1	Boiler Room	Leader	N/A	N/A 30-270-02	Boiler Room Exhaust Fan
1	Rear Vestibule	Reznor	UDAP30	BID79Y2N92486X	Direct Vent N.G. Unit Heater 30MBH
1	Loading Area	Reznor	UDAP30	BID79Y2N92486X	Direct Vent N.G. Unit Heater 30MBH
1	Loading Area	Reznor	UDAP45	BID79Y2N94746X	Direct Vent N.G. Unit Heater 45MBH
1	Maintenance Room 118	Bradford White	MI80R6DS13	XJ000437	Electric Hot Water Heater, 80 Gallon
1	Maintenance Room 118	Armstrong	N/A	N/A	Domestic Hot Water Recirc. Pump
1	East Wall Outside	Stulz	SLO040H22-E	316581-0101K05	Air Cooled Condenser, R-22
3	Various	Various	Various	Various	Side Wall Exhaust Fans
1	By Exit	Dunham-Bush	100-W	85G128 10-280-02	Fan Coil Unit 1/3 HP, 115V/1/60, 1075 RPM
1	In West Hallway Ceiling	Mitsubishi Mr. Slim	MU-A09WA	0000354T	Air Cooled Ductless Split A/C System, 9,500 BTU, 410-a, c/w Matching Wall Hung Evaporator
1	In West Hallway Ceiling	Armstrong	HC-4300	238956-90-1-04	HUM#5, Electric Humidifier 600/3/60
1	In East Hallway Ceiling Outside Main Practice Hall	Armstrong	EHU-701	238956-30-1-04	Electric Humidifier 600/3/60
1	In East Hallway Ceiling Outside Main Practice Hall	Stulz-ATS	OHS-040-AHU	5,283,043	Ceiling Mounted DX AHU
1	By Men's Washroom	Dunham-Bush	100-W	85G128 10-280-02	Fan Coil Unit 1/3 HP, 115V/1/60, 1075 RPM
Note: Contractor is responsible for the winterization of Air Handling Unit cooling coils					

Building: # 337, 337 Breadner Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Basement Boiler Room	Weil-McLain	Cga Gold-7-PIDM	55020103AD	Gas Fired Heating Boiler, 210MBH c/w Boiler Circulator Pump and Controls
1	Basement Boiler Room	Weil-McLain	Cga Gold-7-PIDM	55020103A	Gas Fired Heating Boiler, 210MBH c/w Boiler Circulator Pump and Controls
1	Basement Boiler Room	Rheem Ruud	RQ40-36M	129J57673	Electric Hot Water Heater
1	Basement Boiler Room	Bell & Gossett	NPF-33	103350H30	Heating Water Circulator Pump
1	Basement Boiler Room	Armstrong	A16549-091	N/A	Domestic Hot Water Recirculation Pump
1	Basement Boiler Room	Quincy	150896-610	20050212-0009	Building Automation Pneumatic Air Compressor
1	Church Roof	Carrier	48HJF005361HG	4406G50349	Roof Top DX Air Conditioning Unit, R-22

Building: # 346, 360 Canadair Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Boiler Room	Weil-McLain	LGB-5	2005208	Boiler #1, Gas Fired Low Pressure Steam Boiler, 520MBH c/w Controls
1	Boiler Room	Weil-McLain	LGB-5	903710	Boiler #2, Gas Fired Low Pressure Steam Boiler, 520MBH c/w Controls
1	Boiler Room	N/A	N/A	N/A	Condensate Receiver Tank c/w 1/2HP and 1/3 HP Pumps and Controls
2	Boiler Room	Fantech	N/A	N/A	Boiler Room Exhaust Fans
1	Boiler Room	John Wood	JW80SDE145	U0941F704244	Electric Hot Water Heater, 40 Gallon
3	Boiler Room	Various	Various	Various	Submersible Pumps c/w Controls
1	Boiler Room	Modine	HSB33S01	39014108-1977	Steam Unit Heater
1	Top of Stairs 2nd Floor	ICP	DFC4A312JIB	V081750707	Air Cooled Condenser, R-410a
1	Roof Top East Side South End	Heat Controller	A-HMC18AS	404KaYR00178	Air Cooled Condenser, R-22
1	Roof Top East Side South End	Heat Controller	ADMC12SB-0	605KANY00431	Air Cooled Condenser, R-410a
1	Roof Top East Middle South End	Heat Controller	AHMC12AS	512KAZK00397	Air Cooled Condenser, R-22
1	Roof Top East Side North End	ICP	DFC4A324K1A	V082951114	Air Cooled Condenser, R-410a
1	Roof Top East Side North End	ICP	DFC4H318K1A	V091952164	Air Cooled Condenser, R-410a
1	Loading Area South Side	Heat Controller	A-HMC12AS	312KA00027	Air Cooled Condenser, R-22
1	Roof Top East Side	ICP	DFC4A312J1B	V081750727	Air Cooled Condenser, R-410a
2	Roof Top East Side	Jenn-Air	91CROT	N/A	Roof Top Exhaust Fans
1	Roof Top West Side	Engineered Air	DJ-40-0	M8274-1-MUA-1	MUA #1, Indirect Gas Fired Make-up Air Unit, 1-B47 Belt
1	Roof Top North Side	Fantech	RE6	193257	Exhaust fan
1	Loading Dock Area	Koolair	KAH-08-FCX-CW-TH-R1-2	7035405	South Loading Dock Steam AHU
5	Various	Beacon/Morris	Various	Various	Steam Unit Heaters
1	Shop	Elicent	AXC200B	N/A	Hood Exhaust Fan
1	Shop	Cooler	E-20	N/A	Wall Exhauster
2	Various	Reznor	Various	Various	Steam Unit Heaters
2	South Wall and Loading Dock Area	Various	Various	Various	Wall Exhausters

Building: # 347, 260 Croil Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	West Wall Exterior	ICP	DFC4A312J1B	V081750582	Wall Mounted Condenser, R-410a
1	East Wall	Carrier	38AK-007---101	2996G00167	Air Cooled Condenser, 1 Fan, R-22
1	East Vestibule	Dunham Bush	250BF1	C090556 20-280-03	East Vestibule Hot Water Cabinet Heater
1	North Vestibule (main entrance)	Dunham Bush	100BF1	CX90555 20-280-01	North Vestibule Hot Water Cabinet Heater
1	North Vestibule (inside)	Dunham Bush	250BF1	C090557 20-280-02	North Hot Water Cabinet Heater
1	Main Mechanical Room	Devilbliss	JUBJ-5031	829602 10-010-01	Building Automation Pneumatic Air Compressor
1	Main Mechanical Room	Darling	1UD1/2HP40USG	D2007117	Duplex Condensate Return Tank c/w Pumps and Controls
1	Main Mechanical Room	John Wood	JW50SDI130	U0940F708066	40 Gallon Electric Hot Water Heater
1	Main Mechanical Room	Leitch	N/A	180252-1 20-400-01	Hot Water Heating Pump, 2HP 115/1/60
1	Main Mechanical Room	Leitch	N/A	181940 20-400-02	Hot Water Heating Pump, 2HP 115/1/60
1	Main Mechanical Room	N/A	N/A	30-270-02	Mechanical Room Exhaust
1	1st Level Roof	Carrier	38AK007500	4192G68362	Air Cooled Condenser, R-22
1	1st Level Roof	Trane	TCD075CW0AAA	H1214394BD	Air Cooled Condenser, R-22
1	2nd Level Roof	Carrier	50DF024	P795139	Air Cooled Condenser, R-22
1	2nd Level Roof	Trane	TCD090CW0AAA	H101432B0D	Air Cooled Condenser, R-22
1	2nd Level Roof	Trane	TCD102BWDABA	H13144714D	Air Cooled Condenser, R-22
1	2nd Floor east Hallway	Dunham Bush	250BF1	C090558	Hot Water Cabinet Heater
1	Roof Access Area	Carrier	40RR-008---530	1093F371183 30-050-02	Conference Room DX AC w/Steam Heat Filters: 2-16X20X1 Pleated 2-16X25X1 Pleated Belt: 1-A45
1	1st Level Roof	N/A	N/A	N/A	Exhaust Fan
1	3rd Level Roof	Trane	FC.CCW.TH	185982	Exhaust Fan
1	3rd Level Roof	Delhi	N/A	N/A	Exhaust Fan

Building: # 351, 2074 Alert Rd.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Boiler Room	Weil McLain	380	C09493-800410135	Oil Fired Hot Water Heating Boiler c/w CF500 Beckett Burner, 278 MBH, 2.4 GPH
1	Boiler Room	Armstrong	816032-000	N/A	Hot Water Heating Circulator
1	Boiler Room	Trane	N/A	N/A 20-280-01	Hot Water Unit Heater
1	Boiler Room	Giant	152ETE-3F8M-E8	A5335310	Electric Hot Water Heater
1	Boiler Room	Hydromatic	N/A	N/A	Submersible Sump Pump c/w Control
1	Boiler Room (exterior)	Heat Controller Inc.	A-HMC18AS	308KA00130	Remote Wall Mounted Condenser, R-22
2	Main Building	Beacon/Morris	N/A	N/A	Hot Water Unit Heaters
4	Main Building	Reznor	N/A	N/A	Hot Water Unit Heaters

Building: # 465, 465 Slemon Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Ceiling Space	York	EB90-68	XX 184 463	Ceiling Mounted AHU c/w Electric Duct Heater & Thermostat

Building: # 469, 10 DeNiverville Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Mechanical Room #41	Johnson Controls	JUBK-5034	10978	Building Automation Pneumatic Air Compressor
1	Mechanical Room #41	Devilbliss-Hankison	8010	4185 40-147-01	Air Dryer for Above
1	Mechanical Room #41	Penn Ventilator	Centrex	30-260-01	Return Fan for MUA #1, 3HP, 230/3/60, 2XB74 Belts
1	Mechanical Room #41	Trane	14LP/VF/BVU	745055 30-050-01	MUA #1, Hot Water Heating, DX Cooling Filters: 8-16X25X2 Pleated Belts: 2XB77
1	Mechanical Room #41	Delhi	407	30-270-01	Fresh Air Fan, ¼HP, 115/1/60
1	Mechanical Room #41	Armstrong	S35-BF	N/A	Heating Pump P-1 1/6HP, 115/1/60
1	Mechanical Room #41	Armstrong	181050BF	N/A	Heating Pump P-2 1/3HP, 115/1/60
1	Mechanical Room #41	A.O. Smith	HWB300-962	Z14F0268780	Gas Fired Hot Water Heating Boiler, 300MBH c/w Extrol Expansion Tank
1	Mechanical Room #41	John Wood	JW602NA-03	S0501533648	Gas Fired Domestic Hot Water Heater, 52.2 MBH
1	Mechanical Room #41	Armstrong	Astro 50B	N/A	Domestic Hot Water Recirculation Pump
1	Mechanical Room #41	Carnes	HBDB	14669-01-05 30-350-01	Electric Humidifier, 208/3/60
1	Mechanical Room #41	Penn Ventilator	XQ-82	N/A	E-1 Roof Exhauster, Belt Drive, 1/12HP 115/1/60
1	Mechanical Room #41	Penn Ventilator	BB-45	N/A	E-2 Roof Exhauster, Belt Drive, 1/4HP 115/1/60
1	Mechanical Room #41 (outside)	Trane	TTA240B300BA	J16198165	Air Cooled Condenser for MUA #1, 2 Fans

Building: # 471, 330 Croil Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Outside of Building	Carrier	38AK-024-1	4092F2030	Air Cooled Condenser, R-22, 575/3/60
1	Mechanical Room	Sheldons	80MPSER.2000M	901429-1 30-050-01	AHU #1, Glycol Heating, DX Cooling, 10HP, 575/3/60 Filters: 6-12X24X21 (bag) 6-24X24X21 (bag) 6-12X24X2 (electrostatic) 6-24X24X2 (electrostatic)
1	Mechanical Room	Nortec	MP500	0H60709635 30-050-01	Electric Humidifier for AHU #1
1	Mechanical Room	Sheldons	245ULFSWSI	901430-1	RF #1, 5HP Belts: 2XB50
1	Mechanical Room	Armstrong	Astro 50	N/A 20-400-03	Glycol Heating Circulator for AHU #1
1	Mechanical Room	Bell & Gossett	1AA51/4BF	1605870C09 20-400-04	P1 Glycol Heating Pump
1	Mechanical Room	Bell & Gossett	1AA51/4BF	1605860C09 20-400-05	P2 Glycol Heating Pump
1	Mechanical Room	Armstrong	H-32STD	N/A 20-400-06	P3 Glycol Heating Pump
1	Mechanical Room	Grundfos	UP15-18SF	N/A 50-400-01	Domestic Hot Water Recirculation Pump
1	Mechanical Room	Giant	172ETE-3F5M	A3312515	60 Gallon Electric Hot Water Heater
1	Mechanical Room	Weil-McLain	CG-8-PIN	CP3400253 20-070-01	Gas Fired Glycol Heating Boiler #1 c/w Boiler Pump, 245MBH
1	Mechanical Room	Weil-McLain	CG-8-PIN	CP3400254 20-070-02	Gas Fired Glycol Heating Boiler #2 c/w Boiler Pump, 245MBH
1	Mechanical Room	Weil-McLain	CG-8-PIN	CP3400255 20-070-03	Gas Fired Glycol Heating Boiler #3 c/w Boiler Pump, 245MBH
1	Mechanical Room (sump pit)	N/A	N/A	N/A	Submersible Sump Pump c/w Controller
1	Mechanical Room	N/A	N/A	N/A	Glycol Transfer Station c/w Expansion Tank

Building: # 475, 300 Canadair Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Mechanical Room	Trane	SRUB-C155B	S87F43765 30-025-05	AC #5, DX Cooling, R-22 Filters: 8-15X20X2 Belt: 1XB55
1	Mechanical Room	Nortec	MP-400	7E2492 30-050-01	Electric Humidifier for AC #5, 575/3/60
1	Mechanical Room	Trane	N/A	N/A 30-260-01	RF #1 Return Fan for AC #5
1	Mechanical Room	N/A	N/A	N/A 30-270-01	Exhaust Fan #1 Belt: 1XA26
1	Mechanical Room	Trane	T3LP-HF-FVU	767012 30-050-01	Supply Fan S-1 c/w Electric Duct Heater (35KW) Filters: 2-15X20X2 Belt: 1XA42
1	Mechanical Room	Trane	T3LP-HF-FVU	767,014	Supply Fan S-2 Filters: 2-15X20X2 Belt: 1XA38
1	Mechanical Room	Armstrong	S35AB	8,511	Domestic Hot Water Recirculation Pump
1	Mechanical Room	Giant	172ETE-3F8M-E8	A5177800	60 Gallon Electric Hot Water Heater
1	Room #109	Leibert System 3	UH114AUB00	119695B 30-025-03	AC #3, DX Cooling R-22, 2 Circuits c/w Electric Reheats and Humidifier Filters: 3-20X24X4 Belts: 2XB38
1	Room #109	Leibert System 3	UH114AUB00	110815A 30-025-02	AC #2, DX Cooling R-22, 2 Circuits c/w Electric Reheats and Humidifier Filters: 3-20X24X4 Belts: 2XB38
1	Room #120	Trane	SRUB-C155D	N/A 30-025-04	AC #4, DX Cooling R-22 Filters: 2-16X24X1 Belts: 1XA46
1	Exterior (inside fence)	Mitsubishi Mr. Slim	PYA365NA2	7U00271B	Ductless Split AC, R-410a
1	Exterior (inside fence)	Mitsubishi Mr. Slim	PU18EK	25000100B	Ductless Split AC, R-22
1	Main Hallway (roll-up door)	Hydromatic	N/A	N/A	Submersible Sump Pump c/w Controller

Building: # 512, 265 DeNiverville Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Main Mechanical Room 125	Heat Controller Inc.	A-HMC12AS	404KAG500111	Wall Mounted Remote Condensing Unit, R-22
1	Main Mechanical Room 125	Mitsubishi Mr. Slim	PUY-A24NHA2	89U01181D	Ceiling Mounted Remote Condensing Unit, R-410a
4	Main Mechanical Room 124 (back room)	Caravan Slant/Fin	GG-399 HEC	20-270-01 20-270-02 20-270-03 20-270-04	Gas Fired Hot Water Heating Boilers, 400MBH c/w SC2000 Controller
1	Main Mechanical Room 124	Drew	N/A	N/A 55-484-01	Glycol Fill Station c/w Pump
1	Main Mechanical Room 124	Taco	FM1207-5.7W1B	20-400-07	Perimeter Radiation Hot Water Heating Pump P #7
1	Main Mechanical Room 124	Taco	FM1207-5.7W1B	20-400-08	Perimeter Radiation Hot Water Heating Pump (standby) P #8
1	Main Mechanical Room 124	Taco	FM2007-6.5W1C	20-400-09	Chilled Water Pump P #9
1	Main Mechanical Room 124	Taco	FM2007-6.5W1C	20-400-10	Chilled Water Pump (standby) P #10
1	Main Mechanical Room 124	Delhi	BI-18	30-270-03	West Office Area Return Fan RF #3 Belt: 1XA38
2	Main Mechanical Room 124	Hydromatic	N/A	N/A	Duplex Submersible Sump Pumps c/w Controller
1	Supply Room 107	Heat Controller Energy Night	B-HMC12AS	403KAUU00062	Ductless Split AC Unit c/w Condensate Pump
1	Outside Patio	Fujitsu	AOU18C1	ACN005171	Ductless Split AC Unit c/w Condensate Pump
1	Server Room Inside 142	Mitsubishi	PKA-A24FA	84A00217C	Ductless Split AC Unit, R-410a c/w Condensate Pump
1	Server Room 144	Fujitsu	ASU18C1	ACA009385	Ductless Split AC Unit c/w Condensate Pump
1	Outside North	Fujitsu	AOU18C1	ACN005109	Ductless Split AC Unit
1	Main Mechanical Room 124	Carnes	HCDE	10526-05-2 30-350-01	Humidifier #1
1	Main Mechanical Room 124	Carnes	HCDE	10526-05-1 30-350-02	Humidifier #2
1	Main Mechanical Room 124	Carnes	HCAE	10526-05-3 30-350-03	Humidifier #3
1	Main Mechanical Room 124	Carnes	HCDE	10526-05-4 30-350-04	Humidifier #4

1	Main Mechanical Room 124	Trane	MCCA012GAE	K93J6 1649 30-050-01	AHU #1 North Office, Glycol Heating & Cooling Filters: 3-20X24X2 (pleated) 3-20X24X12 (bag) Belt: 1XB42
1	Main Mechanical Room 124	Trane	MCCA012GAE	K93J61584 30-050-02	AHU #2 South Office, Glycol Heating & Cooling Filters: 3-20X24X2 (pleated) 3-20X24X12 (bag) Belt: 1XB42
1	Main Mechanical Room 124	Trane	MCCA00080AE	K93J60824 30-050-03	AHU #3 West Office, Glycol Heating & Cooling Filters: 2-20X24X2 (pleated) 2-20X24X12 (bag) Belt: 1XA53
1	Main Mechanical Room 124	Trane	MCCA011788	K93J62483 30-050-04	AHU #4 Secure Area, Glycol Heating & Cooling Filters: 6-20X20X2 (pleated) 6-20X20X12 (bag) Belt: 1XB51
1	Main Mechanical Room 124	Trane	CCACC702RHN JR423CDFPT	U93J08212 25-110-01	Reciprocating Chiller, 2 Circuits, 70 Tons, R-22
1	Outside	Trane	CAUCC6052003 1	J93H82254	Air Cooled Condenser for Reciprocating Chiller, 6 Fans
1	Main Mechanical Room 124	Delhi		30-260-01	Supply Fan
1	Main Mechanical Room 124	Delhi		30-260-02	Supply Fan
1	Main Mechanical Room 124	Delhi	BI-18	30-260-03	Return Fan, In-Line, ¾ HP, 575/3/60, 1720 RPM
1	Main Mechanical Room 124	Engineered Air	CUH7	20-280-01	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM
1	Main Mechanical Room 124	Engineered Air	CUH7	20-280-02	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM
1	Main Mechanical Room 124	Engineered Air	CUH7	20-280-03	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM
1	Main Mechanical Room 124	Engineered Air	V4	20-280-04	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM
1	Main Mechanical Room 124	Engineered Air	CUH7	20-280-05	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM
1	Main Mechanical Room 124	Engineered Air	V4	20-280-06	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM
1	Main Mechanical Room 124	Engineered Air	V4	20-280-07	Fan Coil Unit, 1/6 HP, 115v/1/60, 1075 RPM
1	Main Mechanical Room 124	Delhi	BI-24	30-270-01	North Office return Fan RF #1 Belt: 1XB58
1	Main Mechanical Room 124	Delhi	BI-24	30-270-02	South Office Area Return Fan RF #2 Belt: 1XB56

1	Main Mechanical Room 124	Delhi	BI-27	30-270-04	Secure Area Return Fan RF #4 Belt: 1XB58
1	Main Mechanical Room 124	Delhi	BI-16	30-270-05	General Exhaust Fan, ¾ Hp, 115V/1/60, 1750 RPM
1	Main Mechanical Room 124	Delhi	210 INS	30-270-06	Exhaust Fan EF #2, 1/2HP, 120/1/60, 734 RPM
1	Main Mechanical Room 124	Delhi	209 INS	30-270-07	Electrical Room Exhaust Fan, ¾ Hp, 115V/1/60, 1750 RPM
1	Main Mechanical Room 124	Albany	S55NXMYL-6906	60-325-01	Fire Booster Pump, 1/3 HP, 115V/1/60
1	Main Mechanical Room 124	Albany		55-400-01	Cooling Pump, Glycol, 1/3 HP, 115V/1/60, 1725 RPM
1	Main Mechanical Room 124	Taco	110-B24	50-400-01	Domestic Water Recirculation Pump, 1/2 HP, 115V/1/60, 1725 RPM
1	Main Mechanical Room 124	Taco	FM1506-5.2WZB	20-400-03	Secondary Hot Water Heating Pump P #3
1	Main Mechanical Room 124	Taco	FM1506-5.2WZB	20-400-04	Secondary Hot Water Heating Pump (standby) P #4
1	Main Mechanical Room 124	Taco	FM1506-5.2WZB	20-400-01	Heating Pump
1	Main Mechanical Room 124	Taco	FM1506-5.2WZB	20-400-02	Heating Pump
1	Main Mechanical Room 124	Taco	FM1507-6.5W1C	20-400-05	Glycol Heating Pump for AHUs, P #5
1	Main Mechanical Room 124	Taco	FM1507-6.5W1C	20-400-06	Glycol Heating Pump for AHUs (standby) P #6
1	Main Mechanical Room 124	John Wood	JW1206C-205	9402948807 50-550-01	100 Gallon Electric Hot Water Heater, 600V/3/60

Building: # 551, 425 Breadner Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Pool Boiler Room	Raypak	E1631WG-N	10848556	Gas Fired Pool Heater, 1.63 MBH
1	Pool Boiler Room	John Wood	Signature Series CST-119	R0835F707	Domestic Hot Water Storage Tank
1	Pool Boiler Room	Armstrong	S-35 AB	N/A	Domestic Hot Water Circulation Pump
1	Pool Boiler Room	Carrier	58MCA	0601A12310	Gas Fired Forced Air Furnace c/w T'stat Filter: 16X25X1 (pleated)
1	Pool Boiler Room	Laars	Mighty Therm	N/A	Gas Fired Domestic Hot Water Boiler

Note: Contractor is responsible for winter lay-up of Gas Fired Domestic Hot Water Boiler and Gas Fired Pool Heater

Building: Hangar 14, 250 Croil Private

No. of Units	Location Room No.	Make	Model	Serial Number	Details
4	East Wall Exterior	Various	Various	Various	Thru-Wall AC Units
1	East Wall Exterior	Heat Controller Inc.	A-HMC18AS	308KA00139	Ductless Split AC Unit, R-22
1	East Wall Exterior	N/A	N/A	N/A	Wall Exhauster (481)
6	Inside Hangar Area East	Various	Various	Various	Thru-Wall AC Units
1	East 2nd Floor Mechanical Room	Engineered Air	DJ-40	M5913 MUA-1 30-050-02	Indirect Gas Fired MUA Unit c/w Condensate Pump Filters: 4-16X25X2 (pleated) Belt: 1XB51
1	Room 224	N/A	N/A	N/A	AHU #3
1	Office Roof Top	Goodman	HDC24-1AB	9805557632 25-030-05	Air Cooled Condenser R-22
1	Office Roof Top	Keeprite	DFC4H312J1B	V09152040	Air Cooled Condenser R-410a
1	Office Roof Top	Trane	WCC024F100BD	N095NU82H 30-407-01	Roof Top DX AHU, R-22, 1 Fan c/w Condensate Pump
1	Office Roof Top Inside Hangar Serves Room 105	Panasonic	CU-C24BKP6	592202282	Air Cooled Condenser R-22 c/w Condensate Pump
5	West Wall Interior	Various	Various	Various	Thru-Wall AC Units
1	Northwest Corner Mechanical Room	New York Blower	S3842	30-260-01	North Trench Heater (steam) Belt: 3XB133
1	Northwest Corner	Dunham Bush	N/A	N/A	Steam Unit Heater
1	Hangar Door Hallway North	Heat Controller Inc.	A-DMC1BS8-1	A071183810	Ductless Split AC 18,000 BTU, R410a
2	Room 208	Various	Various	Various	Window AC Units
6	West Wall Exterior	Various	Various	Various	Window AC Units
2	West Wall Exterior	Various	Various	Various	Wall Exhausters
1	West Wall Inside	Heat Controller Inc.	N/A	N/A	Air Cooled Condenser
1	South West Corner	New York Blower	S3842	30-260-02	South Trench Heater (steam) Belt: 3XB133

	Mechanical room				
1	Boiler Room	Central Air Conditioning	HMC018KDIS	206KA00196	Wall Hung Air Cooled Condenser, R-22
1	Boiler Room	Heat Controller Inc.	A-HMC09AS	404KATM00017	Wall Hung Air Cooled Condenser, R-22
1	Boiler Room	Delhi	G18	30-260-04	Mechanical Room Exhaust
1	Boiler Room	Cleaver Brooks	DT-C20	FG-2783	Duplex Boiler Feedwater System
1	Boiler Room	Darling	1U1/2HP	D2007121	Duplex Condensate Return System
2	Boiler Room	Armstrong	3X3X8 4300TC	561519 (P1) 561520 (P2)	Heating Pumps
1	Boiler Room	Heat Controller Inc	A-HMC12AS	404KAFX00147	Wall Hung Air Cooled Condenser, R-22
5	Boiler Room	Cleaver Brooks	M5P3500LV Series 700	MS-19511 (1) MS-19512 (2) MS-19509 (3) MS-19510 (4) MS-19508 (5)	2,800 MBH Gas Fired, Low Water Volume, High Pressure (60psi), Water Tube, Steam Boilers
1	Boiler Room	Cleaver Brooks	DT-C20	FG-2784	Duplex Boiler Feedwater System
1	Boiler Room	Dunham Bush	N/A	20-280-07	Steam Unit Heater
1	Boiler Room	N/A	N/A	30-260-03	Combustion Air Fan

Building: Hangar 11, 190 Convoir Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Basement Mechanical Room	N/A	N/A	N/A 30-270-01	Mechanical Room Exhaust
1	Basement Mechanical Room	Delhi	N/A	N/A 30-270-02	Electrical Room Exhaust EF-3 A-41 Belt
1	Basement Mechanical Room	IPC	PV01	40-010-02	Pneumatic Building Control System Air Compressor
1	Basement Mechanical Room	FRIULAIR	LTE3	063	Air Dryer (R134a, 175 grams)
1	Basement Mechanical Room	Armstrong	3X3X8 4300TC	565225	Heating Pump P-1 5HP 575/3/60
1	Basement Mechanical Room	Armstrong	3X3X8 4300TC	565226	Heating Pump P-2 5HP 575/3/60
2	Basement Mechanical Room	Hydromatic	N/A	N/A	Submersible Sump Pumps, ¾ HP c/w Controls
1	Basement Mechanical Room	Armstrong	N/A	N/A	Perimeter Radiation Heating Pump
1	Basement Mechanical Room	Giant	152ETE-3F7M	A4545994	40 Gallon Electric Hot Water Heater c/w Recirc. Pump
1	Basement Mechanical Room	Giant	172ETE-3F8M-E8	A5529677	60 Gallon Electric Hot Water Heater
1	Basement Mechanical Room	Fantech	FG8XL	617271 30-260-04	Mechanical Room Cooling Fan

1	Basement Mechanical Room	N/A	N/A	N/A	Condensate Receiver Tank c/w Duplex Pumps and Controls
1	Hangar West Mezzanine	McQuay	CAH014GDAC	FB0U090800490	AHU#2 DX Cooling, Steam Heating 2X-BX35 Belts
1	Hangar Lower Roof West Side	RefPlus	OVZ-182-1H2-8	D2-009080013	Air Cooled Condenser, 4 Fans, 2 Circuits, R-22
1	Hangar Lower Roof West Side	Cook	100ACEH100C15BH	405SC71137-00/0000701	EF#1, 1/8 HP, 115/1/60
1	Hangar Lower Roof West Side	RefPlus	OVZ-162-1H2-8	D2-009080012	Air Cooled Condenser, 4 Fans, 2 Circuits, R-22
1	Hangar East Mezzanine	McQuay	CAH012GDAC	FB0U090800002	AHU#2 DX Cooling, Steam Heating 1X-BX40 Belts
4	Air Marshall Area	Various	Various	Various	Window Mounted Air Conditioners
1	Hangar West Mezzanine	Comfort Air Heat Controller	SMA125A-0	163335843070300030	Remote Condensing Unit, R-410a
1	Hangar Lower Roof East Side	Daikin	RXS12DVJU	E002420	Remote Condensing Unit for Front Entrance c/w T'Stat, R-410a (2lbs)
1	Hangar Lower Roof East Side	Cook	70ACEH70C15DH	405SH71137-00/0002201	EF#2 1/20 HP, 115/1/60
1	Air Marshal Building	KeepRite	FVM4X6000A	A071183810	DX Fancoil Unit (60,000 BTU) c/w Air Cooled Condensing Unit (R-410a), Note: condenser is on airport tarmac, escort required
1	Hangar 11 Upper Roof Top	Lennox	CHA16-413-1Y	5490J09276	DX Rooftop AHU (R-22), 208/3/60

Building: # 553, 704 Bluenose Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Outside North West	Cambridge Engineering	M115	T041234H	Direct, Gas Fired MUA #1, 726MBH, Belts: 2X-BX62
4	Inside	Plyovent	FUA-3000	N/A	Exhaust Extraction Fans, 1.5HP
1	Inside	Cambridge Engineering	38-124	N/A	Cambridge Remote Control Station c/w QEL CO/NO ² Sensors

Building: # 554, 708 Bluenose Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
1	Outside East	Cambridge Engineering	M112	T041135G	Direct, Gas Fired MUA #1, 363MBH, Belts: 1X-A60
1	Inside	Plyovent 1800	N/A	N/A	Welding Exhaust Fan
1	Inside	Cambridge Engineering	38-124	N/A	Cambridge Remote Control Station c/w QEL CO/NO ² Sensors

Building: # 555, 720 Bluenose Prvt.

No. of Units	Location Room No.	Make	Model	Serial Number	Details
4	Outside North	BARD	WG60CAXBXX4XXI	153N07241885-1	Thru-Wall Gas Fired Heating 75MBH, 5 Ton DX Cooling Units, R-22
1	Men's Washroom	N/A	N/A	N/A	Washroom Exhaust
1	Women's Washroom	N/A	N/A	N/A	Washroom Exhaust
4	Various	Honeywell	TH3000	N/A	Remote Temperature Controllers
1	Room #33 Men's Washroom	Rheem Ruud	EGS85C-18	1209L00721	80 US Gallon Electric Hot Water Heater

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JUL 25 2016

Government of Canada / Gouvernement du Canada

Contract Number / Numéro du contrat

EJ196-170523

Security Classification / Classification de sécurité

SECURITY REQUIREMENTS CHECK LIST (SRCL)
LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE		
1. Originating Government Department or Organization Ministère ou organisme gouvernemental d'origine PWGSC	2. Branch or Directorate / Direction générale ou Direction Crown Managed Assets	
3. a) Subcontract Number / Numéro du contrat de sous-traitance	3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant	
4. Brief Description of Work - Brève description du travail 5 Year Preventative maintenance on HVAC systems, Uplands		
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées?	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques?	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. Indicate the type of access required - Indiquer le type d'accès requis		
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. Le fournisseur et ses employés (p.ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé.	<input checked="" type="checkbox"/> Yes / Oui	
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit?	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès		
Canada <input type="checkbox"/>	NATO / OTAN <input type="checkbox"/>	
Foreign / Étranger <input type="checkbox"/>		
7. b) Release restrictions / Restrictions relatives à la diffusion		
No release restrictions / Aucune restriction relative à la diffusion <input type="checkbox"/>	All NATO countries / Tous les pays de l'OTAN <input type="checkbox"/>	
Not releasable / À ne pas diffuser <input type="checkbox"/>		
Restricted to: / Limité à: <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>	
Specify country(ies): / Préciser le(s) pays:	Specify country(ies): / Préciser le(s) pays:	
7. c) Level of information / Niveau d'information		
PROTECTED A / PROTÉGÉ A <input type="checkbox"/>	NATO UNCLASSIFIED / NATO NON CLASSIFIÉ <input type="checkbox"/>	PROTECTED A / PROTÉGÉ A <input type="checkbox"/>
PROTECTED B / PROTÉGÉ B <input type="checkbox"/>	NATO RESTRICTED / NATO DIFFUSION RESTREINTE <input type="checkbox"/>	PROTECTED B / PROTÉGÉ B <input type="checkbox"/>
PROTECTED C / PROTÉGÉ C <input type="checkbox"/>	NATO CONFIDENTIAL / NATO CONFIDENTIEL <input type="checkbox"/>	PROTECTED C / PROTÉGÉ C <input type="checkbox"/>
CONFIDENTIAL / CONFIDENTIEL <input type="checkbox"/>	NATO SECRET / NATO SECRET <input type="checkbox"/>	CONFIDENTIAL / CONFIDENTIEL <input type="checkbox"/>
SECRET / SECRET <input type="checkbox"/>	COSMIC TOP SECRET / COSMIC TRÈS SECRET <input type="checkbox"/>	SECRET / SECRET <input type="checkbox"/>
TOP SECRET / TRÈS SECRET <input type="checkbox"/>		TOP SECRET / TRÈS SECRET <input type="checkbox"/>
TOP SECRET (SIGINT) / TRÈS SECRET (SIGINT) <input type="checkbox"/>		TOP SECRET (SIGINT) / TRÈS SECRET (SIGINT) <input type="checkbox"/>

Security Classification / Classification de sécurité



PART A (continued) / PARTIE A (suite)

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS? No / Non Yes / Oui
If Yes, indicate the level of sensitivity:
Dans l'affirmative, indiquer le niveau de sensibilité :

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate? No / Non Yes / Oui

Short Title(s) of material / Titre(s) abrégé(s) du matériel :

Document Number / Numéro du document :

PART B - PERSONNEL (SUPPLIER) / PARTIE B - PERSONNEL (FOURNISSEUR)

10. a) Personnel security screening level required / Niveau de contrôle de la sécurité du personnel requis

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> RELIABILITY STATUS
COTE DE FIABILITÉ | <input type="checkbox"/> CONFIDENTIAL
CONFIDENTIEL | <input checked="" type="checkbox"/> SECRET
SECRET | <input type="checkbox"/> TOP SECRET
TRÈS SECRET |
| <input type="checkbox"/> TOP SECRET - SIGINT
TRÈS SECRET - SIGINT | <input type="checkbox"/> NATO CONFIDENTIAL
NATO CONFIDENTIEL | <input type="checkbox"/> NATO SECRET
NATO SECRET | <input type="checkbox"/> COSMIC TOP SECRET
COSMIC TRÈS SECRET |
| <input type="checkbox"/> SITE ACCESS
ACCÈS AUX EMPLACEMENTS | | | |

Special comments: In the majority of the buildings there is only need for reliability but there are 2 buildings where
Commentaires spéciaux : secret is required, B512 and H11. Only security screened personnel can be used.

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.
REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work?
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail? No / Non Yes / Oui
If Yes, will unscreened personnel be escorted?
Dans l'affirmative, le personnel en question sera-t-il escorté? No / Non Yes / Oui

PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)

INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises?
Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS? No / Non Yes / Oui
11. b) Will the supplier be required to safeguard COMSEC information or assets?
Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC? No / Non Yes / Oui

PRODUCTION

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?
Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ? No / Non Yes / Oui

INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF À LA TECHNOLOGIE DE L'INFORMATION (TI)

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED information or data?
Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS? No / Non Yes / Oui
11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency?
Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale? No / Non Yes / Oui



PART C (continued) / PARTIE C (suite)

For users completing the form manually use the summary chart below to indicate the category(ies) and level(s) of safeguarding required at the supplier's site(s) or premises.
 Les utilisateurs qui remplissent le formulaire manuellement doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour chaque catégorie, les niveaux de sauvegarde requis aux installations du fournisseur.

For users completing the form online (via the Internet), the summary chart is automatically populated by your responses to previous questions.
 Dans le cas des utilisateurs qui remplissent le formulaire en ligne (par Internet), les réponses aux questions précédentes sont automatiquement saisies dans le tableau récapitulatif.

SUMMARY CHART / TABLEAU RÉCAPITULATIF

Category / Catégorie	PROTECTED / PROTÉGÉ			CLASSIFIED / CLASSIFIÉ			NATO				COMSEC					
	A	B	C	Confidential / Confidentiel	Secret	Top Secret / Très Secret	NATO Restricted / NATO Diffusion Restreinte	NATO Confidential / NATO Confidentiel	NATO Secret	COSMIC Top Secret / COSMIC Très Secret	Protected / Protégé			Confidential / Confidentiel	Secret	Top Secret / Très Secret
											A	B	C			
Information / Assets / Renseignements / Biens																
Production																
IT Media / Support TI																
IT Link / Lien électronique																

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?
 La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE? No / Non Yes / Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".
 Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée.

12. b) Will the document attached to this SRCL be PROTECTED and/or CLASSIFIED?
 La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE? No / Non Yes / Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate with attachments (e.g. SECRET with Attachments).
 Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire et indiquez qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).



PART D - AUTHORIZATION / PARTIE D - AUTORISATION

13. Organization Project Authority / Chargé de projet de l'organisme			
Name (print) - Nom (en lettres moulées) Capt F. Stefatos Brandi Gaudet		Title - Titre Requirements Officer A/PM	Signature <i>[Signature]</i>
Telephone no. - N° de téléphone 819-775-7422 (819) 775-4512	Facsimile - Télécopieur (819) 775-4560	E-mail address - Adresse courriel f.stefatos@forces.gc.ca brandi.gaudet@pwgsc.gc.ca	Date 2016-07-11
14. Organization Security Authority / Responsable de la sécurité de l'organisme			
Name (print) - Nom (en lettres moulées) Sasa Medjovic - DDSO - Industrial Security Senior Security Analyst		Title - Titre Senior Security Analyst	Signature <i>[Signature]</i>
Telephone no. - N° de téléphone () -	Facsimile - Télécopieur Tel: 613-996-0286	E-mail address - Adresse courriel E-mail: sasa.medjovic@forces.gc.ca	Date 2016 - July 25
15. Are there additional instructions (e.g. Security Guide, Security Classification Guide) attached? Des instructions supplémentaires (p. ex. Guide de sécurité, Guide de classification de la sécurité) sont-elles jointes?			<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui
16. Procurement Officer / Agent d'approvisionnement			
Name (print) - Nom (en lettres moulées)		Title - Titre	Signature
Telephone no. - N° de téléphone () -	Facsimile - Télécopieur () -	E-mail address - Adresse courriel	Date
17. Contracting Security Authority / Autorisé contractante en matière de sécurité			
Name (print) - Nom (en lettres moulées) Anna Kulycka Contract Security Officer, Contract Security Division Anna.Kulycka@tpsgc-pwgsc.gc.ca		Title - Titre Contract Security Officer	Signature <i>[Signature]</i>
Telephone no. - N° de téléphone 1-877-615-9972	Facsimile - Télécopieur 1-877-615-9971	E-mail address - Adresse courriel	Date July 23, 2016



To
À

Sasa Medjovic
Senior Security Analyst
DND

From
De

Contract Security Officer
Contract Security Division, CISD, PWGSC
2745 Iris Street, 6th Floor
Ottawa, ON K1A 0S5

Subject
Objet

SRCL EJ196-170523

The attached Security Requirements Check List (SRCL) and security clauses are approved by CISD for use and incorporation into your pre-contractual/contractual documents. Please ensure that both are included in the resulting contract.

Should you wish to ensure that bidders direct all enquiries to you, page 4 of the SRCL which contains the authorization signatures may be removed from the bidding document. Should the lower portion of page 4 contain additional instructions, the signatures may be blanked out.

The complete SRCL (including page 4) shall be used in the contract document.

CISD is obliged under various international security agreements, arrangements and protocols to insert special security clauses into contracts for award outside of Canada. The appropriate clauses vary from country to country, and therefore must be provided by CISD on a case-by-case basis.

Should foreign suppliers be bidding on this procurement please contact me for an international security clause.

A "Security Requirement clause" is attached. Should the client department raise any objections to the wording of the clause, kindly contact the undersigned **PRIOR TO** finalizing the contractual documentation. **No changes** to the clause wording are permitted without prior consultation with CISD/PWGSC. A copy of this memo and attachments has been forwarded to the client department's Security Office.

Is this a renewal of a current contract? If so, please provide the current PWGSC file number.

Information on the security status of prospective suppliers may be obtained from the Contract Section of CISD.

Should it be necessary to initiate security screening action on the chosen supplier, the CISD will require written notification from your Directorate's Sponsorship Coordinator. The request shall include the name of the supplier, complete address, the name and telephone number of the President and the level of Facility Security Clearance required (see your Security Coordinator for details).

Please advise the CISD if you are aware of any work to be assigned to a third party in relation to this requirement under a subcontract or service agreement arrangement or any other business arrangement that will entail the release and/or access to the government's sensitive information and/or assets.

Security Classification - Classification de sécurité	
Our File - Notre référence	
Your File - Votre référence	
Date	24-Aug-16

Kindly ensure that:

1. the cover page of the contractual documents include the following statement in bold/block type:

THIS DOCUMENT CONTAINS A SECURITY REQUIREMENT / DOCUMENT CONTIENT DES EXIGENCES RELATIVES À LA SÉCURITÉ

2. the document index shall identify the block statement entitled "Security Requirements".
3. the block statement entitled "Security Requirements" shall appear very early in the line up of contractual conditions.
4. **IT IS MANDATORY THAT A COMPLETE COPY OF THE CONTRACTUAL DOCUMENTATION (LOI, RFP, CONTRACT, RFSO or SO) BE PROVIDED UPON RELEASE TO CISD AT SSICONTRATS.ISSCONTRACTS@PWGSC-TPSGC.GC.CA**

Anna Kulycka
Contract Security Officer
613-957-1258

Attachments:

Capt Fotio Stefatos

NOTES:

- 1. A CONTRACT/SUB-CONTRACT/STANDING OFFER/SUPPLY ARRANGEMENT CONTAINING A SECURITY REQUIREMENT CLAUSE WHEREBY VENDOR PERSONNEL MUST BE RELIABILITY SCREENED/SECURITY CLEARED, MUST NOT BE AWARDED WITHOUT FIRST VERIFYING THROUGH THE CANADIAN INDUSTRIAL SECURITY DIRECTORATE (CISD) THAT THE VENDOR HOLDS THE APPROPRIATE LEVEL OF FACILITY SECURITY CLEARANCE AND (IF REQUIRED) DOCUMENT SAFEGUARDING CAPABILITY.**
- 2. A COPY OF THE CONTRACTUAL DOCUMENTATION MUST BE PROVIDED TO THE COMPANY SECURITY OFFICER AND THE CISD AT SSICONTRATS.ISSCONTRACTS@PWGSC-TPSGC.GC.CA CISD WILL REQUIRE THREE COPIES IF THE CONTRACT IS AWARDED TO A FOREIGN SUPPLIER.**
- 3. BEFORE FORWARDING ANY PROTECTED OR CLASSIFIED INFORMATION/ASSETS TO AN ORGANIZATION, GOVERNMENT OFFICIALS SHALL FIRST ENSURE THROUGH THE CANADIAN INDUSTRIAL SECURITY DIRECTORATE THAT THE INTENDED SUPPLIER AND SELECTED SITE HOLDS THE APPROPRIATE LEVEL OF DOCUMENT SAFEGUARDING CAPABILITY.**
- 4. WITHIN CANADA, ALL PROTECTED AND CLASSIFIED INFORMATION/ASSETS MUST BE FORWARDED TO THE COMPANY SECURITY OFFICER (CSO). HOWEVER, THE CSO ***MUST*** FORWARD A COPY OF THE DOCUMENT TRANSMITTAL FORM TO THE CANADIAN INDUSTRIAL SECURITY DIRECTORATE (CISD)/DOCUMENT CONTROL UNIT.**
- 5. PROTECTED AND CLASSIFIED INFORMATION/ASSETS INTENDED FOR FOREIGN SUPPLIERS MUST BE TRANSMITTED ON A GOVERNMENT-TO-GOVERNMENT BASIS VIA THE CANADIAN INDUSTRIAL SECURITY DIRECTORATE (CISD)/DOCUMENT CONTROL UNIT.**

**SECURITY REQUIREMENT FOR CANADIAN SUPPLIER:
PWGSC FILE # EJ196-170523**

1. The Contractor/Offeror must, at all times during the performance of the Contract/Standing Offer, hold a valid **Facility Security Clearance at the level of SECRET**, issued by the Canadian Industrial Security Directorate (CISD), Public Works and Government Services Canada (PWGSC).
 2. The Contractor/Offeror personnel requiring access to sensitive work site(s) must EACH hold a valid personnel security screening at the level of **SECRET**, granted or approved by CISD/PWGSC.
 3. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of CISD/PWGSC.
 4. The Contractor/Offeror must comply with the provisions of the:
 - (a) Security Requirements Check List and security guide (if applicable), attached at Annex _____
 - (b) *Industrial Security Manual* (Latest Edition).
-

**EXIGENCE EN MATIÈRE DE SÉCURITÉ POUR ENTREPRENEUR CANADIEN:
DOSSIER TPSGC N° EJ196-170523**

1. L'entrepreneur ou l'offrant doit détenir en permanence, pendant l'exécution du contrat ou de l'offre à commandes, **une cote de sécurité d'installation valable au niveau SECRET**, délivrée par la Direction de la sécurité industrielle canadienne (DSIC) de Travaux publics et Services gouvernementaux Canada (TPSGC).
2. Les membres du personnel de l'entrepreneur ou de l'offrant devant avoir accès à des établissements de travail dont l'accès est réglementé, doivent TOUS détenir une cote de sécurité du personnel valable au niveau **SECRET**, délivrée ou approuvée par la DSIC de TPSGC.
3. Les contrats de sous-traitance comportant des exigences relatives à la sécurité NE doivent pas être attribués sans l'autorisation écrite préalable de la DSIC de TPSGC.
4. L'entrepreneur ou l'offrant doit respecter les dispositions :
 - (a) de la Liste de vérification des exigences relatives à la sécurité et directive de sécurité (s'il y a lieu), reproduite ci-joint à l'Annexe _____;
 - (b) du *Manuel de la sécurité industrielle* (dernière édition).